Compatibility

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Chapter 1

Compatibility

1.1 english/FD/Compatibility.guide

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Compatibility List
******************

MakeCD has been carefully tested. This chapter tries to list all CD
writers, CD-ROM drives, CD-Rs and systems, that have been tested and
tells you, if they worked in our tests or in customer's tests or if they
didn't.

If a CD writer or CD-ROM drive is listed as "tested", this does not
mean, that it works on all systems. On some systems, it might block the
SCSI bus or do any other bad things. Therefore, we have added lists of
systems which have been reported as working or not working. Read these
lists, too!

Feel free to contribute your configuration. Send it to 'makecd@core.de'.

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Reserved.


This document consists of the following parts:

  Introduction        Introduction to the Compatibility List
                       and how to select the correct driver
  CD Writers          CD writers
  CD-ROM drives       CD-ROM drives
  Working systems     Users telling about with working systems
  Bad systems         Users complaining about bad systems
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1.2 Compatibility.guide/CINTR

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Introduction to the Compatibility List
======================================
```

In order to grow, the Compatibility List needs your help. If your
configuration is not yet listed here, please contribute it to enhance
this document.

There are a few known problems in MakeCD drivers, which are listed here.
You don't have to report them.

  Driver selection   How to select the correct driver
  Driver problems   Known problems with MakeCD drivers
  Contributions   Contributing to this list

1.3 Compatibility.guide/CDRVS

How to select the correct driver
================================

If MakeCD does not automatically select a driver for your CD-ROM drive
or your CD writer, or if MakeCD shows it as unknown, then read the
following hints from Patrick:

> MakeCD selects a suitable SCSI driver based on the vendor and
> drive ID of a SCSI or ATAPI drive. If your drive is marked as
> "unknown" this only means that you have to select the correct
> driver manually.
>
> These are hints to find the correct driver:
>
> - For CD writers the CDR_SCSI3_ATAPI.driver is usually the
>   right choice if it is a modern (MMC compatible) SCSI drive or
>   ATAPI drive.
>
> - The CD_ROM.driver is suitable if you are absolutely sure
>   that your CD-ROM does not support CDDA extraction with any of
>   the other CD_#?.drivers.
>
> - The CD_ATAPI.driver should be the right one for all ATAPI
>   CD-ROMs, however, not all drives support audio reading (e.g.
>   some Mitsumis don't). Please tell us if yours doesn't.
>
> - The CD_ATAPI.driver might work for new SCSI CD-ROMs, too,
>   because the commands used are part of the SCSI 3 standard. So
>   if the driver you use at the moment allows CDDA extraction,
>   but not speed settting, then you might try CD_ATAPI.driver.
>
> Sometimes the same driver is able to accomplish something on
> different ways. Alternative ways might be necessary to work around
> problems of specific drives. For most known drives the driver
> already chooses the correct way automatically, but for unknown
> drives or drives with so far unknown bugs you can choose yourself.
> This is done by setting environment variables, e.g. with 'setenv
> MAKECD_READ_MODE2_RAW=1' or adding the same string to the
> tooltypes of MakeCD.

The following options are supported by all or some drivers:

MAKECD_READ_MODE2_RAW (all drivers)
Some drives deliver invalid data with block size 2336 (Sony 928E), others report checksum errors although they shouldn't use the checksums (Plextor PX-20TS). In both cases reading raw data still works, so MakeCD can read mode 2 tracks raw and throw away the unnecessary bytes alternatively.

This workaround is enabled only for the Sony 928E, but not for any other drive, because some drives might read raw data slower and the additional processing requires more CPU time. On slow computers with fast drives the computer might perhaps even appear to be locked.

MAKECD_UPDATE_EJECT (all drivers)
Some CD writers remember tracks that have been written in test mode even after being asked to update their view of the CD-R. This options causes MakeCD to force an update by ejecting the disc. Drives with a tray will close it automatically, but caddies have to be inserted manually.

MAKECD_NO_MCN (all drivers)
Asking some drives to read the Medium Catalog Number didn't work and caused locks. If you have problems when setting up a copy project or appending a CD that you didn't have with MakeCD versions before V3.0 then try this option and also disable ISRC reading and index scanning in the MakeCD GUI.

MAKECD_SONY_PLEXTOR_SPEED_YES, MAKECD_SONY_PLEXTOR_SPEED_NO (CD_Sony_Plextor. ↩
driver)
In V3.2 the Sony and Plextor driver have been merged because the only difference was that the Plextor driver could also set the speed. The capability of a drive to do that is now recognized automatically, but if this test should fail these options can be used to enforce or disable speed setting.

MAKECD_ALLOW_TAO_INDICES (CDR_Philips_2000/2600.driver)
Setting indices in TAO has caused SCSI problems on some systems. Therefore this feature is now disabled by default. If you want to use it again you have to set this option.

MAKECD_MITSUMI_FIXATE
Enable a workaround for crashes after fixating a disc with a Mistumi ATAPI writer.

MAKECD_WRITE_MODE2_MIXED_DAO
Recent Plextor firmware revisions failed to write PSX discs correctly in DAO. MakeCD works around this problem by using a slightly different data mode. MAKECD_WRITE_MODE2_MIXED_DAO enables this mode (which is on by default for the Plextor drives) and MAKECD_WRITE_MODE2_MIXED_DAO_NO overrides this default (for testing purposes).

MAKECD_RETRIES
Can be used to increase the number of automatic retries in case of read errors from a CD. The default is 2, because most

```
      drives do retries themselves already.

   The following options can be used to change some general aspect of
   MakeCD:

  MAKECD_BUF_MEM_TYPE (all drivers)
      You can restrict the memory MakeCD uses for reading and
      writing to a certain type of memory. Use 'setenv
      MAKECD_READ_MODE2_RAW=x' with 'x' being the decimal
      representation of the memory attributes you want to be
      required. Restricting this is hardly ever necessary.

      It might increase the performance if you have a SCSI
      controller that works faster with certain memory and slower
      with the default memory.  Examples:

          · Amiga 4000, CyberStormPPC (32MB), GVP A2000-HC+8 Series
            II Rev II (4MB) => use MAKECD_BUF_MEM_TYPE=256
            (MEMF_LOCAL)

          · for other GVPs: MAKECD_BUF_MEM_TYPE=512 (MEMF_24BITDMA)
            (unconfirmed)

  MAKECD_PRI_READ, MAKECD_PRI_CONV, MAKECD_PRI_WRITE
      The task priority of read, conversion and write process
      during time critical operations. Default is 6. Changing them
      probably doesn't help much in cases of general system
      performance deficiencies.

   You can help us and other users by telling us your drive's ID, the
   correct SCSI driver for it and any of the workarounds above you
   had to use. MakeCD displays the complete ID in the settings window
   and the device selection requester. If you cannot snap the string
   there, you might also go to these windows, return to the main
   window and save the debug log with the menu item "Project/Write
   logfile...".  It will contain the ID.

   Please write to 'patrick@core.de'. Please tell me also if you have
   done tests with other drivers -- otherwise I won't know if e.g. the
   Plextor driver doesn't work while Sony does or if Plextor just
   wasn't tested. Thanks for your help!

   Patrick Ohly, 9.6.98
```

1.4 Compatibility.guide/CPROB

```
Known problems with MakeCD drivers
----------------------------------

There are some known problems with some MakeCD drivers and drives. They
are listed here. Usually, they are not fatal.

Using driver "CDR_JVC_Teac":
     JVC drives (we tested the JVC XR-W2010) can cause a lot of
```

trouble. If you own a JVC CD writer, try it and be happy if it works, but don't blame us if it does not work.

'JVC XR-W2010 V1.51':

- With our first tries, the JVC XR-W2010 didn't work with an oktagon.device V6.8 and a omniscsi.device V6.11. It always rejected the first write command with an 'ILLEGAL COMMAND' error.
  This turned out to be a very strange SCSI or heating problem. The drive works now when connected to the Oktagon with no other device on this SCSI chain.
  Other sources state that our problem might have been caused by a not so good media. Hmm...

- This drive is a very bad CD and CD-R reader. We could not even read data or audio tracks, which the drive wrote by itself, although they are read well by a Yamaha CDR 100 and a Matsushita CD-ROM drive. The JVC XR-W2010 even produced a lot of read errors with normal (pressed) CDs.
  If your drive has the same problem, this will have the following consequences:

  1. Multisession merging often will not work properly, because the previous tracks have to be scanned with the CD writer.

  2. Mode 2 recognition can fail and therefore XA CD-Rs can be fixed with the wrong TOC type.

  3. The name of ISO tracks can not always be read.

- Once we made a test with one very full CD-R, and the drive reported a start block which was higher than the end block. We wrote another track and both last tracks were listed correctly afterwards. Again, we wrote another track, and it was listed wrong again -- and writing a 4th track fixed the problem again. Very strange.
  When we put the same CD-R, which showed the wrong track start in the JVC XR-W2010, into a Yamaha CDR 100, it was listed correctly. Putting it back to the JVC XR-W2010 showed wrong values again.
  You cannot fix a CD-R with invalid track starts with the JVC XR-W2010. You have to use either a different CD writer or write more tracks and hope that this will fix the problem.

Using driver "CDR_Plextor":
    Using device 'CDR_Plextor CD-R PX-R24CS V1.50':
    Using device Ricoh RO-1420C:
    Using device Ricoh RS-1420C:

- Session information may not be read properly depending on the firmware version.

Using driver "CDR_Sony":

```
    Using device 'SONY CD-R  CDU926S 1.0a ( Jan23)':
             · The writer seems to be unable to accept buffer chunks
               of more than approx. 240kB. It rejects the write command
               with 'ILLEGAL FIELD IN COMMAND DESCRIPTOR'. You have to
               reduce the chunk size in the settings.

             · The writer is not able to write XA tracks with a
               blocksize of 2048 (form 1) or 2328 (form 2). Therefore
               only the general mode 2 type is supported by MakeCD. You
               will be warned and may ignore the warning, but until a
               firmware supports this block sizes the writer will
               reject some commands as illegal.

             · The Sony writer are very accurate regarding CD-ROM
               standards.  You will not be able to write certain track
               types after some others (but you won't want to anyway).
               Example of impossible combinations: Mode 1 (data) + Mode
               2.

             · The writer seems to be unable to simulate fixation. The
               testmode can really be enabled for writing tracks, but
               has no effect on fixation. The CDR_Sony.driver will
               therefore _not_ issue the fixation command if testmode
               is enabled. If other Sony CD writers behave differently,
               tell us.
```

1.5 Compatibility.guide/CCNTR

```
Contributing to this list
-------------------------

Contributions to this list are welcome.

However, you should test your system carefully, before stating that it
works. You can use the following checklists to do that. Send your test
results to 'makecd@core.de'.

Testing your CD writer
......................

If you want to test your CD writer, go through the following steps.
Please do only report tests which are not yet contained in our
compatibility list or which differ from the result that other customers
made. See CD writer test protocol list.

  1. What is the complete name of your CD writer? Have a look at the
     settings window -- when you select your CD writer as target, it
     displays the whole version string. That's what we need.

  2. Driver name. Note the name of the driver which you use for your
     tests, e.g. "CDR_Yamaha_10x". The name is being displayed in the
     settings window.

  3. Table of Contents. Open the Target-CD-R window, using the menu.
```

```
      · Does it list all sessions?
        ( ) Yes      ( ) No      ( ) Not tested

      · Does it list all tracks?
        ( ) Yes      ( ) No      ( ) Not tested

      · Does it also list tracks of sessions that are not yet fixed?
        ( ) Yes      ( ) No      ( ) Not tested

4. Test Mode. Try to write in test mode (in Track-At-Once mode).
      · Was it successfull? (Is there really no change to the CD-R?)
        ( ) Yes      ( ) No      ( ) Not tested

5. Write audio track. Try to write an audio track (in TAO mode)
      · Was it successful and does your CD player play this track?
        ( ) Yes      ( ) No      ( ) Not tested

      · Did you really write an audio track, or just in test mode?
        ( ) Really               ( ) Test mode

6. Write data track. Try to write a data track (in TAO mode)
       Note, if you have written some audio tracks, you can fix the
       session and then create and write a data track and fix that
       session, too. Your CD will be a perfect audio CD in your CD
       player and if your filesystem supports multisession, it will
       be a perfect data CD in your CD-ROM drive, too. So you need
       only one CD-R for testing.

      · Was it successful?
        ( ) Yes      ( ) No      ( ) Not tested

      · Did you really write a data track, or just in test mode?
        ( ) Really               ( ) Test mode

7. Fix session/CD-R. Try to fix a session and the CD-R. You have to
   open the window that lists the contents of your CD-R (use the
   menu) in order to do that.
      · Could you successfully fix the session?
        ( ) Yes      ( ) No      ( ) Not tested

      · Could you successfully fix the CD-R?
        ( ) Yes      ( ) No      ( ) Not tested

      · Did you really fix your CD-Rs, or just in test mode?
        ( ) Really               ( ) Test mode

8. DAO tests. If the MakeCD driver that you are using supports DAO,
   do some tests in DAO mode, please.
      · Could you successfully write a data track in raw DAO mode?
        ( ) Yes      ( ) No      ( ) Not tested

      · Could you successfully write a data track in cooked DAO mode?
        ( ) Yes      ( ) No      ( ) Not tested

      · Could you successfully write an audio track in DAO mode?
        ( ) Yes      ( ) No      ( ) Not tested
```

· Could you successfully copy a XA/Mode-2 CD?
( ) Yes ( ) No ( ) Not tested

· Could you write on a non-empty CD with empty session (SAO)?
( ) Yes ( ) No ( ) Not tested

· Could you fix the session rather than the CD-R when writing DAO?
( ) Yes ( ) No ( ) Not tested

9. Writing speeds. Use the settings window to set the speed.
· Can you select the different writing speeds supported by the writer?
( ) Yes ( ) No ( ) Not tested

10. If you are using a CD-RW drive, try to erase a CD-RW.
· Could you successfully format the CD-RW in quick mode?
( ) Yes ( ) No ( ) Not tested

· Could you successfully format the CD-RW in complete mode?
( ) Yes ( ) No ( ) Not tested

· Could you successfully erase the fixation of a session/CD-R?
( ) Yes ( ) No ( ) Not tested

· Could you successfully erase the last session?
( ) Yes ( ) No ( ) Not tested

· Could you successfully erase the last track?
( ) Yes ( ) No ( ) Not tested

· Did you really format your CD-RWs, or just in test mode?
( ) Really ( ) Test mode

11. Repair function
· Could you repair a track?
( ) Yes ( ) No ( ) Not tested ( ) Not supported

12. Now we are going to do some read tests. For these reading tests you have to select the writer as source drive in the settings window. Try to read a data track from your CD writer.
· Could you successfully read this track?
( ) Yes ( ) No ( ) Not tested

13. Try to read an audio track from your CD writer. If you want, you can try with MakeCD's play option.
· Could you successfully read this track?
( ) Yes ( ) No ( ) Not tested

14. Your name
· We would like to note your name (and maybe your email address) together with this entry in our compatibility List. Please tell us, whether or not we may do this.

Testing your CD-ROM drive (if any)
.....

If you want to test your CD-ROM drive, go through the following steps. Please do only report tests which are not yet contained in our compatibility list or which differ from the result that other customers made. See CD-ROM drives.

1. What is the complete name of your CD-ROM drive? Have a look at the settings window -- when you select your CD-ROM drive as source, it displays the whole version string. That's what we need.

2. Note the name of the driver which you used for your tests, e.g. "CD_Toshiba". The name is being displayed in the settings window.

3. Add a track, select "CD-Track" as source and open the track requester.
   - Does it list all tracks with their correct type? It usually will not list unfixed sessions. That's no bug!
     ( ) Yes ( ) No ( ) Not tested

4. Try to read a data track.
   - Could you successfully read this track?
     ( ) Yes ( ) No ( ) Not tested

5. Try to read an audio track.
   - Could you successfully read this track?
     ( ) Yes ( ) No ( ) Not tested

6. Your name
   - We would like to note your name (and maybe your email address) together with this entry in our compatibility List. Please tell us, whether or not we may do this.

Testing your whole system
....

If you have a system that runs fine with MakeCD, or a system that causes SCSI trouble, and if your system is not yet contained in this file, we are looking forward for your test results in order to include them in this list. We need the following information:

1. Your Amiga
   e.g. A3000, A4000, A1000, ...

2. The OS version you use
   e.g. OS 3.1

3. Information about your SCSI system in the following form:
   For each SCSI hostadapter which you are using
   - Name of the hostadapter
     (e.g. Fastlane; if possible, include the board revision)

   - Name and version of the SCSI device
     (e.g. 'scsi.device V40.12 (21.12.93)') You get this string by typing 'version full scsi.device' or something equal in your shell

```
      · SCSI settings
        If you are using some special SCSI settings, note them here

      · Name and version of all of the devices that are connected to
        this hostadapter
        e.g. 'TOSHIBA CD-ROM XM-4101TA 2483 (09/05/93)'. You get this
        string by using the device requester of MakeCD 2.0 or higher.
        Please make sure to list as many exact information as
        possible -- especially for your SCSI device and your CD
        writer.  If you know which SCSI settings (reselection,
        synchronous transfer mode, ...) you used, write it down, too.

4. Which version of MakeCD do you use for your tests?
   MakeCD Version ..........

5. Write a large amount of data (test mode is no problem).
      · Did you recognize any SCSI hangups or something like that?
        ( ) Yes      ( ) No      ( ) Not tested

6. Do you know which SCSI settings you used for this test?
   (Reselection, Synchronous Transfer Mode, ...)
   ( ) Yes, ..........................................
   ( ) No

7. How many of your CD-Rs have had an "accident" and how many CD-Rs
   did you already write?
      · Number of CD-Rs with accident:        ........

      · Number of successfully written CD-Rs: ........

      · Kind of the accident(s) (SCSI bus hangup, user error, power
        lost, ...):
        ..................................................
        ..................................................

8. Did you have to do any changes to your system, in order to make
   things work?
   ( ) Yes, ..........................................
   ( ) No

9. Your name
      · We would like to note your name (and maybe your email
        address) together with this entry in our compatibility List.
        Please tell us, whether or not we may do this.
```

1.6 Compatibility.guide/CCDWR

```
CD writers
==========

This section is intended to help you find a good CD writer or to find
more information about the CD writer which you already have. We created
a list of all CD writers we have heard of, and collected more detailed
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information about a lot of drives. Furthermore, we tested your drives
with a lot of drives and show you the test results.

Recommended	Recommended CD writers
Full list	All CD writers we have heard of
Detailled infos	CD writer information list
Test protocols	CD writer test protocol list

1.7 Compatibility.guide/CDR_RECOMM

Recommended CD writers

At the moment, we have statements about the following CD writers. Please
don't forget to check if they work or don't work with your system.

Yamaha CDR 100/102 (recommended)
     These CD writers don't have any known SCSI problems. They are old,
     but known as very reliable drives. People tell, they don't get any
     coasters when using these drives.

Yamaha CDR 200/400 (recommended)
     This is the new generation of Yamaha drives. Since they are not yet
     available for a long time (as of 7/97), we can't tell how long they
     live. But they seem to work reliable and people report they don't
     get any coasters when using these drives.

Yamaha CDR 2260/4260 (recommended)
     This is the CD-RW generation of Yamaha drives. Since they are not
     yet available for a long time, we can't tell how long they live.
     But they seem to work reliable and people report they don't get
     any coasters when using these drives.

Yamaha CRW-4416S (recommended)
     This is the next CD-RW generation of Yamaha drives. The same things
     apply as for the Yamaha CDR 2260/4260 drives.

Ricoh MP6200S (recommended)
     This is a new (as of 7/97) CD-RW drive. If you'ld like to be able
     to write up to 1000 times on a CD-RW, you should consider buying
     this drive. Seems to be a good deal! People report they don't get
     any coasters when using this drive.

TEAC CDR50S, TEAC CDR55S
     We never had these drives, but the users who have one seem to be
     happy with it.

Plextor PX-R412 (depends)
     Seems to be a reliable drive but does not work with every SCSI
     hostadapter. Be careful!

JVC (be careful!)
     There are some people who really like their JVC drives, and

```
     others, who have nothing but problems. Although it obviously
     doesn't cause SCSI hangups, it sometimes reports strange errors
     and creates coasters. Seems to have problems caused by firmware
     bugs.

Ricoh 1420 / CDR_Plextor (be careful!)
     The Plextor drive totally confused our SCSI hostadapter. We don't
     know if Ricoh 1420 is better in this point.

Sony (be careful!)
     Sony CDU 926S won't be able to perform DAO writing. So it's good
     for TAO mode only. The drive we had got hangups when reading audio
     tracks while starting to read a new track.

Philips/HP (be careful!)
     Philips and HP drives don't work with every SCSI hostadpater.
     Sometimes, reselection problems appear, e.g. on A3000 or GVP
     hostadapters. This results in coasters. Additionally, the old
     Philips/HP generation (CDD 2000/HP 4020) suffer from hardware
     problems. Many of these drives need repair every few months. The
     new Philips/HP generation (CDD 2600/HP 6020) have problems when
     extrating audio data.
```

1.8 Compatibility.guide/CDR_FULL_LIST

```
All CD writers we have heard of
-------------------------------

This section lists all CD writers the authors of MakeCD have heard of.
Some of them are supported and tested by the authors or by customers,
others are untested (but should work in theory), some are still
unsupported, and others are unknown, which means that we don't know if
one of our drivers works with that drive or not.

Please note, that sometimes a CD writer is not compatible with a
specific Amiga SCSI system. In this case, you might have problems with
that CD writer -- e.g. it might block the SCSI bus, etc. This is not
the fault of MakeCD. Look out for tested systems.

The fact, that a device is listed here as tested, does not mean that it
works on every SCSI system. We are collecting experiences which
customers have made with several combinations of hardware.  See
Working systems, Bad systems.  Read these sections, too! Please note
that some systems might appear on both lists, which means that this
system works fine for one customer and causes problems for another one.

Each device name contained in this list is preceeded by a character to
give you a quick overview. This character means the following:

(T)
     This device has been tested with MakeCD by the authors or by
     customers.  Although there might be SCSI problems in some cases,
     it should work in general.
```

```
(t)
     This device had not yet been tested with MakeCD, but will most
     likely work anyway. If you have such a device, try it and tell us
     if it works or not!

(U)
     This device is known, but not or not yet supported by MakeCD.

(?)
     This device is not known. Maybe one of the MakeCD drivers supports
     it.  If you find out that such a device works with MakeCD, please
     tell us which driver you used to make it work. Thank you.

The following section lists all CD writers we have heard of in
alphabetical order. Many of them are not very popular. You will most
likely know only a few of them.

Important note: we do not guarantee for any information contained in
this list!

(t) Compro CD-R 7501-INT
     Supported by MakeCD. Driver CDR_Panasonic.
     Untested! Will most likely work.
     Based on Panasonic CW-7501.
     See Panasonic CW-7501.

(t) Compro CD-R 7502-INT
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Panasonic CW-7502.
     See Panasonic CW-7502.

(U) Creative Labs CDR2000:
     Not supported.
     Based on Ricoh RS1060C.
     See Ricoh RO-1060C.

(t) Creative Labs CDR4210:
     Supported by MakeCD. Driver CDR_Panasonic.
     Untested! Will most likely work.
     Based on Panasonic CW-7501.
     See Panasonic CW-7501.

(?) Delta CDR-6121 (6x read, 2x write, ATAPI):
     Unknown.

(t) DynaTek CDE260R:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Ricoh MP6200S.
     See Ricoh MP6200S.

(?) DynaTek Automation Systems CDM200:
     Unknown.

(t) DynaTek Automation Systems CDM240:
     Supported by MakeCD. Driver CDR_JVC_Teac or CDR_Yamaha_10x.
```

```
     Untested! Will most likely work.
     Based on JVC XR-W2010 (new drives) and Yamaha CDR 102 (old drives).
     See JVC XR-W2010.
     See Yamaha CDR 102.

(?) DynaTek Automation Systems CDM260:
     Unknown.

(t) DynaTek Automation Systems CDM400:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See Yamaha CDR 100.

(?) DynaTek Automation Systems CDM4000:
     Unknown.

(?) DynaTek Automation Systems CDM460:
     Unknown.

(T) Dysan CD-ReWritable CRW-620:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and/or CDR_SCSIb3_ATAPI.
     Tested by customers of MakeCD.
     Might be based on Ricoh MP6200S.
     See Ricoh MP6200S.

(T) Dysan CRW-1622:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and/or CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     Might be based on Ricoh MP6200S.
     See Ricoh MP6200S.

(t) Freecom CD-Writer:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Mitsumi CR-2600TE.
     See Mitsumi CR-2600TE.

(T) Grundig CDR100 IPW:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See Philips CDD 2000.

(?) Hightech CD-R 2000:
     Unknown.
     You might want to try CDR_Philips_2000 driver.

(t) Hi-Val CD-R:
     Probably supported by MakeCD. Try driver CDR_Ricoh_6200 and
     CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Probably based on Ricoh MP6200S.
     See Ricoh MP6200S.

(t) Hi-Val 2x6 CD-RW:
     Supported by MakeCD. Driver CDR_JVC_Teac.
```

```
     Untested! Will most likely work.
     Based on JVC XR-W2010.
     See JVC XR-W2010.

(T) HP CD-Writer 4020i:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See Philips CDD 2000.

(T) HP CD-Writer 6020i:
     Supported by MakeCD. Driver CDR_Philips_2600.
     Tested by customers of MakeCD.
     Based on Philips CDD 2600, internal, SCSI.
     See Philips CDD 2600.

(T) HP CD-Writer 6020es:
     Supported by MakeCD. Driver CDR_Philips_2600.
     Tested by customers of MakeCD.
     Based on Philips CDD 2600, external, SCSI.
     See Philips CDD 2600.

(U) HP CD-Writer 6020ep:
     Not supported. If someone writes a device that provides a SCSI
     interface for this CD writer, and if your hardware is fast enough,
     it probably would work. Driver CDR_Philips_2600.
     Based on Philips CDD 2600, external, parallel port interface.
     See Philips CDD 2600.

(t) HP CD-Writer Plus 7100e:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Philips CDD 3610, external, ATAPI, international version.
     See Philips CDD 3600.

(t) HP CD-Writer Plus 7100i:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Philips CDD 3610, internal, ATAPI, international version.
     See Philips CDD 3600.

(t) HP CD-Writer Plus 7110e:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Philips CDD 3610, external, ATAPI, US version.
     See Philips CDD 3600.

(t) HP CD-Writer Plus 7110i:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Philips CDD 3610, internal, ATAPI, US version.
     See Philips CDD 3600.

(t) HP CD-Writer Plus 7200:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     Based on Philips CDD 3610/HP 7100, updated firmware version.
```

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     See Philips CDD 3600.

(t) HP CD-Writer Plus 7200e:
     Not supported by MakeCD.
     Version for the parallel port.
     Based on the HP CD-Writer Plus 7200.
     See Philips CDD 3600.

(t) HP CD-Writer 8100:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     This is a 4x writing, 2x rewriting, 24 reading ATAPI drive.
     Untested! We hope it will work.

(?) JVC Personal RomMaker:
     Unknown. Try driver CDR_JVC_Teac.

(t) JVC R2626:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested!
     Might cause problems because of firmware bugs!
     Based on JVC XR-W2020.
     See JVC XR-W2020.

(?) JVC XR-W1001:
     Unknown. Try driver CDR_JVC_Teac.
     See JVC XR-W1001.

(T) JVC XR-W2001:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Might cause problems because of firmware bugs!
     See JVC XR-W2001.

(T) JVC XR-W2010:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by the authors of MakeCD.
     Might cause problems because of firmware bugs!
     See JVC XR-W2010.

(T) JVC XR-W2012:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Might cause problems because of firmware bugs!
     Based on JVC XR-W2010.
     See JVC XR-W2010.

(T) JVC XR-W2020:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Might cause problems because of firmware bugs!
     See JVC XR-W2020.

(T) JVC XR-W2022:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Might cause problems because of firmware bugs!
     Based on JVC XR-W2020.
```

```
     See JVC XR-W2020.

(T) JVC XR-W2042:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     This is a 6x read, 4x write, 2x rewrite drive.
     Might cause problems because of firmware bugs!
     See JVC XR-W2042.

(?) JVC XRS-201:
     Unknown. Try driver CDR_JVC_Teac.

(?) Kodak PCD200:
     Unknown.
     Probably based on Philips CDD 521.
     You might want to try CDR_Philips_2000 driver.
     See Philips CDD 521.

(t) Kodak PCD225:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Untested! Will most likely work.
     Based on Philips CDD 522.
     See Philips CDD 522.

(t) Kodak PCD240:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Untested! Will most likely work.
     Based on Philips CDD 2000.
     See Philips CDD 2000.

(?) Kodak PCD600:
     Unknown.
     You might want to try CDR_Philips_2000 driver.

(t) Matsushita CW-7501:
     Supported by MakeCD. Driver CDR_Panasonic.
     Tested by the authors of MakeCD.
     Based on Panasonic CW-7501.
     See Panasonic CW-7501.

(t) Matsushita CW-7502:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Panasonic CW-7502.
     See Panasonic CW-7502.

(?) MDI CD Writer:
     Unknown.

(t) Memorex CRW-620:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and/or CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Might be based on Ricoh MP6200S.
     See Ricoh MP6200S.

(?) Memorex CD-622:
     This is an ATAPI drive, 6x read, 2x write.
```

```
     Based on Wearnes CDR 622.
     Unknown.

(t) Microboards PlayWrite 2000:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDU 920S.
     See Sony CDU920S.

(?) Microboards PlayWrite 2040:
     Unknown.

(t) Microboards PlayWrite 2060R:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Ricoh MP6200S.
     See Ricoh MP6200S.

(t) Microboards PlayWrite 4000:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See Yamaha CDR 100.

(t) Microboards PlayWrite 4001RW:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CRW 4001t.
     See Yamaha CRW 4001.

(t) MicroNet Technology MasterCD Pro:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See Yamaha CDR 100.

(t) MicroNet Technology Plus 4x6:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CDR 400.
     See Yamaha CDR 400.

(t) MicroNet MasterCD Plus 4x12:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested! Will most likely work.
     Based on TEAC CD-R55S.
     See TEAC CD-R55S.

(T) Mitsubishi CDRW 226:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     Based on Ricoh MP6200S.
     See Ricoh MP6200S.

(U) Mitsumi CDR 2201CS:
     Not supported.
     See Mitsumi CDR 2201CS.
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(U) Mitsumi CR-2200CS:
     Not supported.
     Based on Mitsumi CDR 2201CS, but 4 MB buffer size.
     See Mitsumi CDR 2201CS.

(T) Mitsumi CDR 2401:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See Philips CDD 2000.

(T) Mitsumi CR-2600TE:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Mitsumi CR-2600TE.

(T) Mitsumi CR-2801TE:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Mitsumi CR-2801TE.

(T) Mitsumi 4801:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(T) Mitsumi 4802TE:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(T) Nomai 680.RW:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     Based on Ricoh MP6200S.
     See Ricoh MP6200S.

(?) Olympus CD-R2:
     Unknown. Try CDR_Sony driver.
     Based on Olympus CDS615E, external case.

(?) Olympus CD-R2x4:
     Unknown. Try CDR_Sony driver.
     Probably based on a Sony CD writer.

(?) Olympus CD-R2x6:
     Unknown. Try CDR_Sony driver.
     Probably based on a Sony CD writer.
     See Sony CDU 926S.

(?) Olympus CDS615E:
     Unknown. Try CDR_Sony driver.
     Most likely based on a Sony CDU920S.
     See Sony CDU920S.

(?) Olympus CDS620E:
     Unknown. Try CDR_Sony driver.
     Most likely based on a Sony CDU924S.
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     See Sony CDU924S.

(?) Olympus CDS630E:
     Unknown. Try CDR_Sony driver.
     Most likely based on a Sony CD writer.

(?) One Pro 8x/20x:
     Probably supported by MakeCD. Try driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.

(?) Optima DisKovery 1300CDR:
     Unknown.

(t) Optima DisKovery 650 CD-R:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDU920S.
     See Sony CDU920S.

(?) Optima CDWriter:
     Unknown.
     4x write, 6x read, 2x ReWrite

(T) Panasonic CW-7501:
     Supported by MakeCD. Driver CDR_Panasonic.
     Tested by customers of MakeCD.
     See Panasonic CW-7501.

(T) Panasonic CW-7502:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     See Panasonic CW-7502.

(T) Philips CDD 2000:
     Supported by MakeCD. Driver CDR_Philips_2000.
     See Philips CDD 2000.

(T) Philips CDD 2600:
     Supported by MakeCD. Driver CDR_Philips_2600.
     Tested by the authors of MakeCD.
     See Philips CDD 2600.

(T) Philips CDD3600:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     See Philips CDD 3600.

(T) Philips CDD3610:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Philips CDD 3600.

(T) Philips CDD521:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Tested by customers of MakeCD.
     No test mode available!
     See Philips CDD 521.
```

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(T) Philips CDD522:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Tested by customers of MakeCD.
     See Philips CDD 522.

(T) Pinnacle RCD-1000:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Based on JVC XR-W2001.
     See JVC XR-W2001.

(U) Pinnacle RCD-202:
     Unknown. Try driver CDR_JVC_Teac.
     Based on either JVC XR-W1001 or JVC Personal RomMaker or both.

(t) Pinnacle RCD 4x4:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested! Will most likely work.
     Based on TEAC CD-R50S.
     See TEAC CD-R50S.

(?) Pinnacle RCD 5020:
     Unknown.

(t) Pinnacle RCD 5040:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested! Might cause problems because of firmware bugs.
     Based on JVC XR-W2010.
     See JVC XR-W2010.

(?) Pinnacle RCDW226:
     Unknown. Try driver CDR_SCSI3_ATAPI.
     This is a 2x write 6x read CD-RW drive with 1 MB buffer.
     Might be based on JVC XR-W2042.
     See JVC XR-W2042.

(U) Pioneer DW-S114X:
     Not yet supported. Programmer documentation available. No
     promises, though.
     We are still looking for people who have such a drive. Contact us!

(t) Plasmon CDR4220:
     Supported by MakeCD. Driver CDR_Philips_2000.
     Untested! Will most likely work.
     Based on Philips CDD 2000.
     See Philips CDD 2000.

(t) Plasmon CDR-4240:
     Supported by MakeCD. Driver CDR_Panasonic.
     Untested! Will most likely work.
     Based on Panasonic CW-7501.
     See Panasonic CW-7501.

(T) Plasmon CDR-4400:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Tested by customers of MakeCD.
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     Based on Yamaha CDR 100. Exactly the same according to Plasmon.
     See Yamaha CDR 100.

(U) Plasmon CDR RF4100:
     Not supported. Will probably never be supported.
     Only the hardware of the drive is based on Philips CDD 522.
     1 MB buffer, expandable to 2 MB.
     See Plasmon CDR RF4100.

(U) Plasmon CDR RF4102:
     Not supported. Will probably never be supported.
     Only the hardware of the drive is based on Philips CDD 522.
     Based on Plasmon RF4100.
     2 MB buffer, expandable to 32 MB.

(t) Plasmon CDR 480:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Panasonic CW-7501.
     See Panasonic CW-7502.

(T) Plextor CD-R PX-R24CS:
     Supported by MakeCD. Driver CDR_Plextor.
     Tested by the authors of MakeCD.
     See Plextor PX-R24CS.

(t) Plextor PX-R412Ce:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     External drive.
     Untested! Will most likely work.
     See Plextor PlexWriter 4/12.

(T) Plextor PX-R412Ci:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     Internal drive.
     See Plextor PlexWriter 4/12.

(T) Plextor PX-W4420T:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(T) Plextor PX-R8220T:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(t) Procom Technology PCDR-4x:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See Yamaha CDR 100.

(t) Ricoh MP6200I:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     New drive that supports CD-Rs and CD-ReWritable media.
     Based on Ricoh MP6200S, IDE interface
```

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     See Ricoh MP6200S.

(T) Ricoh MP6200S:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     New drive that supports CD-Rs and CD-ReWritable media.
     See Ricoh MP6200S.

(T) Ricoh MP6201S:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     Based on Ricoh MP6200S, caddy version, 2 MB buffer.
     See Ricoh MP6200S.

(t) Ricoh MP6211S:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Untested! Will most likely work.  Based on Ricoh MP6200S.
     See Ricoh MP6200S.

(T) Ricoh MP7040A/S:
     Supported by MakeCD. Driver CDR_Ricoh_6200 and CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(U) Ricoh RO1060C:
     Not supported.
     See Ricoh RO-1060C.

(T) Ricoh RO-1420C:
     Supported by MakeCD. Driver CDR_Plextor.
     Tested by customers of MakeCD.
     Might be based on Plextor CD-R PX-R24CS.
     See Ricoh RO-1420C.

(U) Ricoh RS1060C:
     Not supported.
     Based on Ricoh RO-1060C, but in external case.
     See Ricoh RO-1060C.

(T) Ricoh RS-1420C:
     Supported by MakeCD. Driver CDR_Plextor.
     Tested by customers of MakeCD.
     Based on Ricoh RO-1420C, but in external case.
     See Ricoh RO-1420C.

(?) Ricoh RS9200CD:
     Unknown.
     You might want to try CDR_Plextor driver.
     See Ricoh RS9200CD.

(t) Smart & Friendly CDR1002:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDU 920S.
     See Sony CDU920S.

(t) Smart & Friendly CDR1004:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
```

```
     Untested! Will most likely work.
     Based on Yamaha CDR 102.
     See Yamaha CDR 102.

(t) Smart & Friendly CDR2004:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDU 940S / 924S.
     See Sony CDU924S.

(T) Smart & Friendly CDR2006 Pro:
     Supported by MakeCD. Driver CDR_Sony.
     Tested by customers of MakeCD.
     Based on Sony CDU 926.
     See Sony CDU 926S.

(t) Smart & Friendly CDR2006 Plus:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested! Will most likely work.
     Based on JVC XR-W2020.
     See JVC XR-W2020.

(t) Smart & Friendly CDR4000:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See Yamaha CDR 100.

(t) Smart & Friendly CDR4006:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CDR 400.
     See Yamaha CDR 400.

(U) Smart & Friendly CD-RW226 "Plus":
     Might be supported by MakeCD. Try driver CDR_SCSI3_ATAPI and
     CDR_JVC_Teac.
     Untested! Might work.
     Based on JVC XR-W2042.
     See JVC XR-W2042.

(t) Smart & Friendly CD-RW426:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CRW 4001t.
     See Yamaha CRW 4001.

(T) Sony CDU920S:
     Supported by MakeCD. Driver CDR_Sony.
     Tested by customers of MakeCD.
     See Sony CDU920S.

(T) Sony CDU924S:
     Supported by MakeCD. Driver CDR_Sony.
     Tested by customers of MakeCD.
     See Sony CDU924S.
```

```
(T) Sony CDU 926S:
     Supported by MakeCD. Driver CDR_Sony.
     Tested by the authors of MakeCD.
     See Sony CDU 926S.

(T) Sony CDU928E:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Sony CDU928E.

(t) Sony CDU940S:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDR 924S, including software etc.
     See Sony CDU924S.

(T) Sony CDU948:
     Supported by MakeCD. Driver CDR_Sony.
     Tested by customers of MakeCD.
     See Sony CDU948.

(t) Sony CDU960S:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDR 926S, including software etc.
     See Sony CDU 926S.

(?) Sony CDW 900E:
     Unknown. Try CDR_Sony driver.

(?) Sony EDW-1/CDW-1:
     Unknown. Try Sony driver.

(t) Sony Spressa 9211:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDR 920S, external case.
     See Sony CDU920S.

(t) Sony Spressa 9411:
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDR 940S / 924S, external case.
     See Sony CDU924S.

(t) Sony Spressa 9611 (CSP-9611S):
     Supported by MakeCD. Driver CDR_Sony.
     Untested! Will most likely work.
     Based on Sony CDR 926S, external case.
     See Sony CDU 926S.

(?) Taiyo Yuden EW-50:
     Unknown.

(T) TEAC CD-R50S:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
```

```
     See TEAC CD-R50S.

(T) TEAC CD-R55S:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     See TEAC CD-R55S.

(T) TEAC CD-R56S:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.

(t) Traxdata CDR 2600:
     Probably supported by MakeCD. Driver CDR_Philips_2600 or
     CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Probably based on Philips CDD 2600 and/or Yamaha CDR200t.
     See Philips CDD 2600.
     See Yamaha CDR 200.

(T) Traxdata CDR 4120:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Tested by customers of MakeCD.
     Based on TEAC CD-R55S.
     See TEAC CD-R55S.

(t) Traxdata CDR 4600:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CDR 400.
     See Yamaha CDR 400.

(t) Traxdata CDERW 2260:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Traxdata CDRW 2260.

(t) Traxdata CDERW 4260:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on Traxdata CDRW 4260.

(t) Traxdata CDRW 2260:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on a ReWritable drive.

(t) Traxdata CDRW 4260:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! We hope it will work.
     Based on a ReWritable drive.

(t) Turtle Beach 2040R:
     Supported by MakeCD. Driver CDR_Plextor.
     Untested! Will most likely work.
     Based on Ricoh RO-1420C.
     See Ricoh RO-1420C.
```

```
(t) Waitec CD-R 55:
     Supported by MakeCD. Driver CDR_JVC_Teac.
     Untested! Will most likely work.
     Probably based on TEAC CD-R55S.
     See TEAC CD-R55S.

(?) Wearnes CDR432:
     Unknown.

(?) Wearnes CDR622:
     This is an ATAPI drive, 6x read, 2x write.
     Unknown.

(t) Wearnes CDR632P:
     Supported by MakeCD. Driver CDR_Philips_2600.
     Untested! Will most likely work.
     Based on Philips CDD 2600.
     See Philips CDD 2600.

(T) Yamaha CDE 100:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Tested by customers of MakeCD.
     Based on Yamaha CDR 100, external.
     See Yamaha CDR 100.

(T) Yamaha CDE 102:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Tested by customers of MakeCD.
     Based on Yamaha CDR 102, external.
     See Yamaha CDR 102.

(T) Yamaha CDR 100:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Tested by the authors of MakeCD.
     See Yamaha CDR 100.

(T) Yamaha CDR 102:
     Supported by MakeCD. Driver CDR_Yamaha_10x.
     Tested by customers of MakeCD.
     See Yamaha CDR 102.

(T) Yamaha CDR 200:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Yamaha CDR 200.

(T) Yamaha CDR 400c:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     Caddy version
     See Yamaha CDR 400.

(T) Yamaha CDR 400t:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
     Tray version
     See Yamaha CDR 400.
```

```
(T) Yamaha CDR 400tx:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     External version with tray
     See Yamaha CDR 400.

(t) Yamaha CDR 401t:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     ATAPI version of Yamaha CDR 400.
     See Yamaha CDR 400.

(T) Yamaha CRW 2260:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Yamaha CRW 2260.

(t) Yamaha CRW 4001:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     See Yamaha CRW 4001.

(T) Yamaha CRW 4260:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Yamaha CRW 4260.

(t) Yamaha CRW 4261:
     Probably supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Untested! Will most likely work.
     Based on Yamaha CRW 4260, ATAPI version.
     See Yamaha CRW 4260.

(T) Yamaha CRW 4416:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by customers of MakeCD.
     See Yamaha CRW 4416.

(T) Yamaha CRW 6416:
     Supported by MakeCD. Driver CDR_SCSI3_ATAPI.
     Tested by the authors of MakeCD.
```

1.9 Compatibility.guide/CDR_INFO_LIST

```
CD writer information list
--------------------------

We have tried to collect as many information about the different CD
writers as possible in order to help you buying the best drive for your
needs. Of course, it's your own risk to use this information, but we
tried to do a good job. If you have corrections or additions, contact us
at 'makecd@core.de'.
```

The information about the CD writers is in alphabetical order.

- JVC XR-W1001
- JVC XR-W2001
- JVC XR-W2010
- JVC XR-W2020
- JVC XR-W2042
- Mitsumi CDR 2201CS
- Mitsumi CR-2600TE
- Mitsumi CR-2801TE
- Panasonic CW-7501
- Panasonic CW-7502
- Philips CDD 2000
- Philips CDD 2600
- Philips CDD 3600
- Philips CDD 521
- Philips CDD 522
- Plasmon CDR RF4100
- Plextor PX-R24CS
- Plextor PX-R412C
- Ricoh MP6200S
- Ricoh RO-1060C
- Ricoh RO-1420C
- Ricoh RS9200CD
- Sony CDU920S
- Sony CDU924S
- Sony CDU926S
- Sony CDU928E
- Sony CDU928E
- TEAC CD-R50S
- TEAC CD-R55S
- Yamaha CDR 100
- Yamaha CDR 102
- Yamaha CDR 200
- Yamaha CDR 400
- Yamaha CRW 4001
- Yamaha CRW 2260
- Yamaha CRW 4260
- Yamaha CRW 4416

1.10 Compatibility.guide/CDR_JVCXRW1001

JVC XR-W1001
.....

Summary:

```
     Reading speed.............: 1x
     Writing speed.............: 1x
     Internal buffer size......: 64 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
```

```
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued

MakeCD should support this CD writer (untested). Try driver
CDR_JVC_Teac.

This node has been written by Angela Schmidt. We never had a JVC
XR-1001 here to test, so all information is based on JVC's information.
Further information is welcome.
```

1.11 Compatibility.guide/CDR_JVCXRW2001

```
JVC XR-W2001
............

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: 2.36 (2.35 is available on internet
                                 2.36 was built-in in at least one drive)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued

The following drives are based on JVC XR-W2001:

   · Pinnacle RCD-1000

MakeCD should support this CD writer (untested). Try driver
CDR_JVC_Teac.

This node has been written by Angela Schmidt. We never had a JVC
XR-2001 here to test, so all information is based on JVC's information.
Further information is welcome.
```

1.12 Compatibility.guide/CDR_JVCXRW2010

```
JVC XR-W2010
............

Summary:
```

```
     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: V2.05 (as of 20-Aug-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued

Mechanic does not look very stable. Tray often opens while transporting
the drive. Drive has a SPEED and a BUSY LED, a phone connector and a
volume control wheel at the front.

Firmware version 1.51 has problems with reading commands. CD-ROM
filesystems often report reading errors and the drive sometimes seems to
pass wrong data when reading. Seems like it does not do any error
checking. So don't expect you can use this drive with this firmware
version as a CD-ROM drive. Try firmware version 2.05 instead, which
seems to be much better!

You also have to expect problems with MultiSession CDs (with data
merging), because for data merging, some data must be read from CD.
Again, try firmware version 2.05.

There's another firmware version V1.52i. It appeared on internet, but is
for the JVC XR-W2020/2022 drives only.

See A4000 + Cyberstorm MkII + JVC XR-W2010. (working)

The following drives are based on JVC XR-W2010:

   · DynaTek Automation Systems CDM240

   · Hi-Val CD-R

   · JVC XR-W2012 (external case)

   · Pinnacle RCD 5040

MakeCD supports this CD writer. However, since the firmware of the JVC
XR-W2010 is very buggy at the moment, it might not work in some
configurations. See JVC + TEAC Test Protocol.

This node has been written by Angela Schmidt. Rene
<danger@poet.shnet.org> has provided some additional information.
```

1.13 Compatibility.guide/CDR_JVCXRW2020

```
JVC XR-W2020
............
```

```
Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.55 (as of 20-Aug-97)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 4/1997
     Interface.................: SCSI-2
     Comments..................: <none>

See A1200T + Oktagon + JVC XR-W2022. (working)

The following drives are based on JVC XR-W2020:

   · JVC R2626

   · JVC XR-W2022

   · Smart & Friendly CDR2006 Plus

MakeCD supports this CD writer. We don't know if this CD writer is
better than the JVC XR-W2010 or not. Try it!  See
JVC + TEAC Test Protocol.

This node has been written by Angela Schmidt. We never had a JVC
XR-2020 here to test, so all information is based on JVC's information.
Further information is welcome.
```

1.14 Compatibility.guide/CDR_JVCXRW2042

```
JVC XR-W2042
............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Catty
     FlashROM for firmware.....: Yes
     Latest firmware version...: unknown
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: unknown
     Interface.................: SCSI
     Comments..................: ReWritable

See A4000 + Cyberstorm MK II + JVC XR-W2042. (working)
```

```
MakeCD supports this CD writer. We don't know if this CD writer is
better than the JVC XR-W2010 or not. Try it!  See
JVC + TEAC Test Protocol.

This node has been written by Angela Schmidt. We never had a JVC
XR-2020 here to test, so all information is based on JVC's information
or customer's information. Further information is welcome.
```

1.15 Compatibility.guide/CDR_MITSUMICDR2201CS

```
Mitsumi CDR 2201CS
..................

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: 6121 (as of 15-Mar-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: 1995
     Interface.................: SCSI
     Comments..................: Discontinued

The following drives are based on Mitsumi CDR 2201CS:

   · Mitsumi CR-2200CS (CDR 2201CS with 4 MB buffer)

MakeCD does not support this CD writer.

This node has been written by Angela Schmidt. We never had a Mitsumi
CDR 2201CS here to test, so all information is based on Mitumi's
information. Further information is welcome.
```

1.16 Compatibility.guide/CDR_MITSUMICR2600TE

```
Mitsumi CR-2600TE
.................

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 2.27 (2=hardware; 27=firmware version)
```

```
     Supports Disk At Once.....: No
     Supports Packet Writing...: Yes
     Release date..............: 12/1996
     Interface.................: IDE/EIDE (ATAPI)
     Comments..................: <none>

Maybe you need a 2nd controller to read the data because of performance
reasons.

See A1200T + Mitsumi CR-2600TE. (working)

The following drives are based on Mitsumi CR-2600TE:

   · Freecom CD-Writer

MakeCD supports this CD writer. Driver CDR_SCSI3_ATAPI.

This node has been written by Angela Schmidt. We never had a Mitsumi CR
2600TE here to test, so all information is based on Mitumi's
information. Further information is welcome.
```

1.17 Compatibility.guide/CDR_MITSUMICR2801TE

```
Mitsumi CR-2801TE
.................

Summary:

     Reading speed.............: 8x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: ?
     FlashROM for firmware.....: ?
     Latest firmware version...: 1.09 (as of January 1999)
     Supports Disk At Once.....: No, but TAO without GAP
     Supports Packet Writing...: ?
     Release date..............: ?
     Interface.................: IDE/EIDE (ATAPI)
     Comments..................: <none>

Maybe you need a 2nd controller to read the data because of performance
reasons.

MakeCD supports this CD writer. Driver CDR_SCSI3_ATAPI.

This node has been written by Angela Schmidt. We never had a Mitsumi CR
2801TE here to test, so all information is based on other's
information. Further information is welcome.
```

1.18 Compatibility.guide/CDR_PANASONICCW7501

```
Panasonic CW-7501
.................

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: At least 2.00
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 1996
     Interface.................: SCSI
     Comments..................: <none>

This CD writer is said to be very reliable.

See A3000 + Matshita CW-7501. (working)

The following drives are based on Panasonic CW-7501:

   · Compro CD-R 7501-INT

   · Creative Labs CDR4210

   · Matsushita CW-7501

   · Plasmon CDR-4240

MakeCD supports this CD writer.  See CDR_Panasonic Test Protocol.

This node has been written by Angela Schmidt. We never had a Panasonic
CW-7501 here to test, so all information is based on customer's
information and from Plasmon. Further information is welcome.
```

1.19 Compatibility.guide/CDR_PANASONICCW7502

```
Panasonic CW-7502
.................

Summary:

     Reading speed.............: 8x
     Writing speed.............: 4x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 3.10 (as of Nov-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: IV/1997
```

```
     Interface.................: SCSI-2
     Comments..................: <none>
```

This CD writer is not very popular and has some small firmware problems, but in general it is a good drive. I have extracted and compared some audio tracks and found no differences. So it seems to be a very good audio reader.

See Draco 060 + Panasonic CW-7502. (working)
See Draco + Panasonic CW-7502B. (working)
See A1200 + 1230.scsi.device + MATSHITA CD-R CW-7502. (working)

The following drives are based on Panasonic CW-7502:

- Compro CD-R 7502-INT
- Matsushita CW-7502
- Plasmon CDR-480

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

According to a customer, you should install at least firmware update v3.10 if you want to burn mode 2 tracks using the internal SCSI hostadapter of the A3000.

This node has been written by Angela Schmidt.

1.20 Compatibility.guide/CDR_PHILIPSCDD2000

Philips CDD 2000
.....

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.26 or 1.27
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: <unknown>
     Release date..............: 1995
     Interface.................: SCSI
     Comments..................: <none>
```

This CD writer is very popular, although we can't really recommend it. A lot of people reported hardware errors called 'write append erros' and similar things. They had to send in their drive to get it fixed. Have a look at the MakeCD FAQ for further information about those problems.

Firmware is kept in flash ROM, so you can update it. But you need a PC in order to do that.

Some SCSI hostadapters have SCSI trouble (reselection problem) with this drive. Be prepared to switch off reselection for this CD writer. See MakeCD-FAQ.

See A1200 + dkbscsi.device + Philips CDD 2000. (working)
See A4000 + GURU-A2091 + Philips CDD 2000. (working)
See A3000T + Philips CDD 2000. (working)
See A4000 + warpdrive.device + dkbscsi.device + Philips. (working)
See A1200T + Blizzard 1230/SCSI-II Kit + Philips CDD 2000. (working)
See A4000 + Fastlane + IMS CDD2000. (working)
See Grundig CDR 100 IPW V1.20. (bad)
See A4000/40 + Fastlane + HP CD-Writer 4020. (bad)

The following drives are based on Philips CDD 2000:

- Grundig CDR100 IPW
- HP CD-Writer 4020i
- Kodak PCD240
- Mitsumi CDR 2401
- Plasmon CDR4220

MakeCD supports this CD writer. See Philips CDD 2000 Test Protocol.

This node has been written by Angela Schmidt.

1.21 Compatibility.guide/CDR_PHILIPSCDD2600

Philips CDD 2600
.....

Summary:

```
Reading speed.............: 6x
Writing speed.............: 2x
Internal buffer size......: 1 MB
Loading mechanism.........: Tray
FlashROM for firmware.....: No
Latest firmware version...: 1.07
Supports Disk At Once.....: Yes
Supports Packet Writing...: <unknown>
Release date..............: IV/1996
Interface.................: SCSI-2
Comments..................: <none>
```

Some of the Philips CDD 2600 can't extract all audio tracks at full speed. You have to slow down to 1x and 2x speed.

Philips CDD 2600 / Amiga 3000 caused reselection problems (SCSI hangups). That may also happen with other SCSI hostadapters. Be

prepared to switch off reselection for this CD writer. See MakeCD-FAQ.

This CD writer does not have a flashrom for firmware updates.

See A4000 + CyberSCSI + Philips CDD 2600. (working)
See A2000 + Blizzard 2060 + HP CD-Writer 6020. (working)
See A1200 + 1230scsi.device + HP CD-Writer 6020. (working)
See A4000 + Cyberstorm MK II + PhilipsCDD 2600. (working)
See A2000 + G-Force 030/40 + PhilipsCDD 2600. (working)
See A4000 + Fastlane + Philips CDD 2600. (working)
See A3000 + Cyberstorm MkII + PhilipsCDD 2600. (working)
See A2000 + Blizzard 2060 + Philips CDD2600. (working)
See A2000 + 2060scsi.device + Philips 2600 + Teac CD-516. (working)
See A500plus + Philips 2600. (working)
See A3000 + Philips CDD 2600. (bad)
See A4000/40 + Fastlane + Philips CDD 2600. (bad)
See A3000 + Philips CDD 2600. (bad)
See A3000 + Philips CDD 2600. (bad)

The following drives are based on Philips CDD 2600:

- HP CD-Writer CD-Writer 6020i (internal)
- HP CD-Writer CD-Writer 6020es (external)
- HP CD-Writer CD-Writer 6020ep (external, parallel interface)
- Wearnes CDR632P
- Traxdata CDR 2600 (probably; some of them are based on Yamaha CDR200t)

HP CD-Writer CD-Writer 6020 includes an empty HP SureStore CD-R and software for PC: Easy-CD, Easy CD-Audio and Alchemy Personal.

MakeCD supports this CD writer. See Philips CDD 2600 Test Protocol.

This node has been written by Angela Schmidt.

1.22 Compatibility.guide/CDR_PHILIPSCDD3600

Philips CDD 3600
....

Summary:

```
Reading speed.............: 6x
Writing speed.............: 2x
Internal buffer size......: 1 MB
Loading mechanism.........: Tray
FlashROM for firmware.....: <unknown>
Latest firmware version...: <unknown>
Supports Disk At Once.....: Yes
Supports Packet Writing...: Yes
```

```
     Release date..............: 1997
     Interface.................: SCSI-2 or EIDE/ATAPI (CDD 3610)
     Comments..................: CD-R/RW Drive

See A1200 + ATAPI-Philips CD writer. (working)
See A1200T + Blizzard + HP 7200. (working)
See A1200 + IDE/ATAPI + PHILIPS CDD3610. (working)
See A500plus + Philips 3600. (bad)

The following drives are based on Philips CDD 3600:

   · Philips CDD3610 (EIDE/ATAPI)

   · HP CD-Writer Plus 7100 (EIDE/ATAPI)

   · HP CD-Writer Plus 7200 (EIDE/ATAPI)

MakeCD should support this CD writer (untested). Try driver
CDR_SCSI3_ATAPI.

This node has been written by Angela Schmidt. We never had a Philips
CDD 3600 to test. All information is based on Philips's press releases.
More information is welcome.
```

1.23 Compatibility.guide/CDR_PHILIPSCDD521

```
Philips CDD 521
...............

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 256KB
     Loading mechanism.........: <unknown>
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued

This is quite an old CD writer.

MakeCD can't switch on test mode on this CD writer. Maybe the CD writer
even does not support test mode. So MakeCD always preform real writes.

The following drives are based on Philips CDD 521:

   · Kodak PCD200 (probably)

MakeCD supports this CD writer. See Philips CDD 2000 Test Protocol.
```

This node has been written by Angela Schmidt. We never had a Philips CDD 521 here to test, so all information is based on customer's information. Further information is welcome.

1.24 Compatibility.guide/CDR_PHILIPSCDD522

Philips CDD 522
....

Summary:

```
     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: <unknown>
     Loading mechanism.........: Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued
```

This is quite an old CD writer.

The following drives are based on Philips CDD 522:

- Kodak PCD225
- Plasmon RF4100 (only hardware, firmware incompatible!)
- Plasmon RF4102 (only hardware, firmware incompatible!)

MakeCD supports this CD writer. See Philips CDD 2000 Test Protocol.

This node has been written by Angela Schmidt. We never had a Philips CDD 522 here to test, so all information is based on customer's information. Further information is welcome.

1.25 Compatibility.guide/CDR_PLASMONCDRRF4100

Plasmon CDR RF4100
....

Summary:

```
     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB (expandable to 2 MB)
     Loading mechanism.........: Tray
```

```
     FlashROM for firmware.....: No
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
     Release date..............: 1993
     Interface.................: SCSI
     Comments..................: Discontinued

The following drives are based on Philips Plasmon CDR RF4100:

   · Plasmon CDR RF4102 (buffer 2 MB, expandable to 32 MB)

MakeCD does not support this CD writer.

This node has been written by Angela Schmidt. We never had a Plasmon
CDR RF4100 to test. All information is based on information from
Plasmon. Further information is welcome.
```

1.26 Compatibility.guide/CDR_PLEXTORPXR24CS

```
Plextor PX-R24CS
................

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: <unknown>
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: <none>

We had a very early model which might differ from the models that are
being sold. This drive has a phone connector, two volume control buttons
and one LED in the front. The terminator resistant arrays are located at
the back of the drive and pin 1 is not marked on the drive, so make
sure you note this when removing them.

Some SCSI hostadapters have SCSI trouble with this drive. Be prepared to
switch off reselection for this CD writer. See MakeCD-FAQ.

AFAWK Firmware is kept in flash ROM, so you can update it. But you need
a PC in order to do that.

See A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS. (working)
See A2000 + 2060scsi.device + Ricoh RO-1420C. (working)
See A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C. (working)
See SCSI using WD chip + Plextor CD-R PX-R24CS. (bad)
```

The following drives are based on Plextor CD-R PX-R24CS:

- Ricoh RO-1420C (same command set, parts of hardware differ)
- Ricoh RS-1420C (same command set, parts of hardware differ)

MakeCD supports this CD writer. See CDR_Plextor Test Protocol.

This node has been written by Angela Schmidt.

1.27 Compatibility.guide/CDR_PLEXTORPLEXWRITER412

Plextor PX-R412C
.....

Summary:

```
     Reading speed.............: 8x-12x
     Writing speed.............: 4x
     Internal buffer size......: 2 MB
     Loading mechanism.........: Caddy with tray/caddy adapter
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.04 (as of 21-Apr-98)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: IV/97 or I/98
     Interface.................: Fast SCSI
     Comments..................: <none>
```

This drive reads CD-RW, but does not write them.

See A3000 + Plextor PX-R412C. (working)

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt.

1.28 Compatibility.guide/CDR_RICOHMP6200S

Ricoh MP6200S
.....

Summary:

```
     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 2.03 (as of 3-Nov-1997)
```

```
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 3/1997
     Interface.................: SCSI-2
     Comments..................: CD-R/RW Drive

See A3000 + Dysan CD-RW. (working)
See A4000T + CyberstormPPC + Ricoh MP6200S. (working)
See A4000 + GVP 4008 SCSI + Ricoh 6200. (working)

The following drives are based on Ricoh MP6200S:

   · DynaTek CDE260R

   · Dysan CD-ReWritable CRW-620

   · Microboards PlayWrite 2060R

   · Mitsubishi CDRW 226

   · Nomai 680.RW

   · Ricoh MP6200I (IDE interface)

   · Ricoh MP6201S (Caddy version, 2 MB)

   · Ricoh MP6211S

MakeCD supports this CD writer. See CDR_Ricoh_6200 Test Protocol.  See
CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt.
```

1.29 Compatibility.guide/CDR_RICOHRO1060C

```
Ricoh RO-1060C
..............

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
     Release date..............: 1995
     Interface.................: SCSI
     Comments..................: Discontinued

The following drives are based on Ricoh RO-1060C:
```

- Creative Labs CDR2000

- Ricoh RS-1060C (Ricoh RO-1060C in external case)

MakeCD does not support this CD writer and probably will never support this CD writer.

This node has been written by Angela Schmidt. We never had a Ricoh RO-1060C here to test, so all information is based on customer's information. Further information is welcome.

1.30 Compatibility.guide/CDR_RICOHRO1420C

Ricoh RO-1420C
....

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB, 1 MB and 2 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: 1996
     Interface.................: SCSI
     Comments..................: Discontinued, replaced by Ricoh MP-6200
```

Some SCSI hostadapters have SCSI trouble with this drive. Be prepared to switch off reselection for this CD writer. See MakeCD-FAQ.

Firmware is kept in flash ROM, so you can update it. But you need a PC in order to do that.

Some people reported that this drive might cause problems if you write several CD-Rs nonstop.

See A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS. (working)
See A2000 + 2060scsi.device + Ricoh RO-1420C. (working)
See A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C. (working)
See SCSI using WD chip + Plextor CD-R PX-R24CS. (bad)

The following drives are based on Ricoh RO-1420C:

- Plextor CD-R PX-R24CS (same command set, parts of hardware differ)

- Ricoh RS-1420C (Ricoh RO-1420C in external case)

- Turtle Beach 2040R

MakeCD supports this CD writer. See CDR_Plextor Test Protocol.

```
This node has been written by Angela Schmidt. We never had a Ricoh
RO-1420C here to test, so all information is based on customer's
information. Further information is welcome.
```

1.31 Compatibility.guide/CDR_RICOHRS9200CD

```
Ricoh RS9200CD
..............

Summary:

     Reading speed.............: 1x
     Writing speed.............: 1x
     Internal buffer size......: 512 KB (?)
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: Yes
     Release date..............: 1993
     Interface.................: SCSI
     Comments..................: Discontinued

MakeCD does not and maybe will never support this CD writer.

This node has been written by Angela Schmidt. We never had a Ricoh
RS9200CD here to test. All information is based on Ricoh's information.
Further information is welcome.
```

1.32 Compatibility.guide/CDR_SONYCDU920S

```
Sony CDU920S
............

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Variable, Fixed (both max. packet size 1 MB)
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued. Replaced by Sony CDU 940S / 924S.

The following drives are based on Sony CDU920S:
```

- Microboards PlayWrite 2000
- Optima DisKovery 650 CD-R
- Smart & Friendly CDR1002
- Sony Spressa 9211

MakeCD should support this CD writer (untested). See
CDR_Sony Test Protocol.

This node has been written by Angela Schmidt. We never had a Sony CDU
920S here to test, so all information is based on customer's
information. Further information is welcome.

1.33 Compatibility.guide/CDR_SONYCDU924S

Sony CDU924S
.....

Summary:

```
Reading speed.....: 4x
Writing speed.....: 2x
Internal buffer size.....: 1 MB
Loading mechanism.....: <unknown>
FlashROM for firmware.....: <unknown>
Latest firmware version...: <unknown>
Supports Disk At Once.....: <unknown>
Supports Packet Writing...: <unknown>
Release date.....: <unknown>
Interface.....: <unknown>
Comments.....: <none>
```

The following drives are based on Sony CDU924S:

- Smart & Friendly CDR2004
- Sony CDU940S
- Sony Spressa 9411

MakeCD should support this CD writer (untested). See
CDR_Sony Test Protocol.

This node has been written by Angela Schmidt. We never had a Sony
CDU924S here to test, so all information is based on customer's
information. Further information is welcome.

1.34 Compatibility.guide/CDR_SONYCDU926S

```
Sony CDU 926S
.............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: Yes
     Release date..............: 1997
     Interface.................: SCSI-2
     Comments..................: <none>

This drive has one orange/green LED, a phone connector and a volume
control wheel at the front. You can use a jumper to configure if it
should show up as CD-ROM SCSI drive or as WORM SCSI drive.

Sony CDU 926S does not support DAO. Instead, it supports TAO without
gaps to record audio CDs without pauses between the tracks.

See A3000 + Sony CDU 926. (working)
See A1200 + Sony CDU 926. (working)
See A3000 + CyberStorm060/50 + Sony CDU 926S (working)
See A4000 + z3scsi.device + Sony CDU 926S. (bad)

The following drives are based on Sony CDU 926S:

   · Sony CDU960S

   · Sony Spressa 9611 (probably)

   · Smart & Friendly CDR2006

MakeCD supports this CD writer. See CDR_Sony Test Protocol.

This node has been written by Angela Schmidt.
```

1.35 Compatibility.guide/CDR_SONYCDU928E

```
Sony CDU928E
............

Summary:

     Reading speed.............: 8x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
```

```
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: Yes
     Release date..............: 1997
     Interface.................: ATAPI
     Comments..................: <none>

Maybe MakeCD supports this CD writer. Try driver CDR_SCSI3_ATAPI.

This node has been written by Angela Schmidt. We never had a Sony
CDU928E here to test. All information is based on Sony's information.
Further information is welcome.
```

1.36 Compatibility.guide/CDR_SONYCDU948

```
Sony CDU948
...........

Summary:

     Reading speed.............: 8x
     Writing speed.............: 4x
     Internal buffer size......: <unknown>
     Loading mechanism.........: <unknown>
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: <unknown>
     Release date..............: 1998
     Interface.................: <unknown>
     Comments..................: <none>

Maybe MakeCD probably supports this CD writer. Try driver
CDR_SCSI3_ATAPI and CDR_Sony.

This node has been written by Angela Schmidt. We never had a Sony
CDU948 here to test. All information is based on Sony's information.
Further information is welcome.
```

1.37 Compatibility.guide/CDR_TEACCDR50S

```
TEAC CD-R50S
............

Summary:

     Reading speed.............: 4x
     Writing speed.............: 4x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
```

```
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: <none>

It is recommended to use at least firmware version 1.0E for this drive.
The drive might eject CD-Rs if they are not yet supported by the
firmware. So be prepared that you have to update your firmware
(flashrom) eventually. It has been reported that you have to switch off
synchronous transfer mode (at least on the A3000).

The following drives are based on TEAC CD-R50S:

   · Pinnacle RCD 4x4

MakeCD supports this CD writer.  See JVC + TEAC Test Protocol.

This node has been written by Angela Schmidt. We never had a TEAC
CD-R50S here to test, so all information is based on TEAC's information.
Further information is welcome.
```

1.38 Compatibility.guide/CDR_TEACCDR55S

```
TEAC CD-R55S
............

Summary:

     Reading speed.............: 12x
     Writing speed.............: 4x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0j (as of 20-Apr-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: IV/1997
     Interface.................: SCSI-2
     Comments..................: <none>

Customers have reported, that at least firmware version 1.0F is required
for this drive to make it work with MakeCD. Other sources reported that
one should avoid firmware version 1.0g.

See A4000 + cybppc + Traxdata CDR4120. (working)
See A4000 + GVP Serie II + Teac CD-R 55S. (working)
See A1200T + Blizzard + TEAC CD-R55S. (working)
See A1200 + Blizzard + Teac CD-R55S. (working)
See A4000 + Apollo 4040 + Teac CD-R55S. (bad)

The following drives are based on TEAC CDR-55S:
```

   · Traxdata CDR4120

MakeCD supports this CD writer. See JVC + TEAC Test Protocol.

This node has been written by Angela Schmidt. We never had a TEAC
CD-R55S here to test, so all information is based on TEAC's information.
Further information is welcome.

1.39 Compatibility.guide/CDR_YAMAHACDR100

Yamaha CDR 100
....

Summary:

     Reading speed.............: 4x
     Writing speed.............: 4x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: N
     Latest firmware version...: 1.12 (as of 15-Mar-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued. Replaced by Yamaha CDR 400.

This is a very recommended CD writer. The authors of MakeCD are using
this CD writer (firmware version 1.12) for quite a while without any
trouble. Reading audio data works without problems in any speed. Writing
data and audio CDs is very reliable. Every SCSI hostadapter we tried
worked fine with this CD writer. Reselection works fine, too.

There are 5 LEDs in the front of this CD writer:

DISC, green
     Blinking while a new CD is being accepted. On when CD is accepted.

READ, green
     On while reading.

WRITE, orange
     On while writing. Blinking when writing in test mode.

2x, green
     On while working in 2x speed. Off while working in 1x or 4x speed.

4x, green
     On while working in 4x speed. Off while working in 1x or 2x speed.

We don't have exact information, but we think this device is almost the
same as the Yamaha CDR 102, except for the maximum writing speed.

See A3000 + internal scsi.device + Yamaha CDR 100. (working)
See A4000 + Cyberstorm MK-I. (working)

The following drives are based on Yamaha CDR 100:

- DynaTek Automation Systems CDM400
- Microboards PlayWrite 4000
- MicroNet Technology MasterCD Pro
- Plasmon CDR-4400
- Procom Technology PCDR-4x
- Smart & Friendly CDR4000
- Yamaha CDE 100

MakeCD supports this CD writer. See CDR_Yamaha_10x Test Protocol.

This node has been written by Angela Schmidt.

1.40 Compatibility.guide/CDR_YAMAHACDR102

Yamaha CDR 102
....

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: No
     Latest firmware version...: 1.01 (12/25/95) (as of 10-Apr-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued. Replaced by Yamaha CDR 200.
```

This CD writer is very recommended.

We don't have personal experiences with this CD writer, but we think it
will most likely behave similar to Yamaha CDR 100.

See A1200 + 1230scsi.device + Yamaha CDR-102. (working)

The following drives are based on Yamaha CDR 102:

- Smart & Friendly CDR1004
- Yamaha CDE 102

MakeCD supports this CD writer. See CDR_Yamaha_10x Test Protocol.

This node has been written by Angela Schmidt. We never had a Yamaha CDR 102 here to test. All information is based on Yamaha's and on customer's information. Further information is welcome.

1.41 Compatibility.guide/CDR_YAMAHACDR200

Yamaha CDR 200
....

Summary:

```
     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0m (as of 15-Apr-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 6/1997
     Interface.................: SCSI-2
     Comments..................: <none>
```

This CD writer is very recommended.

If you have problems while writing in DAO mode ("Cmd SEND_CUE_SHEET: Illegal Field Parameter List"), you must update your firmware to version 1.0j.

See A4000 + z3scsi.device + Yamaha CDR 200t. (working)
See A1200 + Blizzard + Yamaha CDR200t. (working)
See A4000 + GVP + Yamaha CDR200t. (working)

The following drives are based on Yamaha CDR 200t:

- Traxdata CDR 2600 (probably; some of them are based on Philips CDD2600)

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt. We never had a Yamaha CDR 200 here to test. All information is based on Yamaha's information. Further information is welcome.

1.42 Compatibility.guide/CDR_YAMAHACDR400

Yamaha CDR 400
....

Summary:

```
     Reading speed.............: 6x
     Writing speed.............: 4x
     Internal buffer size......: 2 MB
     Loading mechanism.........: Caddy and Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0m (as of 15-Apr-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 2/1997
     Interface.................: SCSI-2
     Comments..................: Also available as IDE version
```

This CD writer is very recommended.

If you have problems while writing in DAO mode ("Cmd SEND_CUE_SHEET: Illegal Field Parameter List"), you must update your firmware to version 1.0j.

Yamaha CDR 400t is the tray model and Yamaha CDR 400c the caddy model.

See A1200 + 1230scsi.device + Yamaha CDR 400. (working)
See A4000 + GVP + Yamaha CDR 400. (working)
See A4000/40 + Oktagon 2008 SCSI + Yamaha CDR 400. (working)
See A1200 + 1230scsi.device + Yamaha CDR 400. (working)
See A1200 + mtecscsi.device + Yamaha CDR400. (working)
See A4000 + GVP + Yamaha CDR 400. (working)
See A4000 + GVP 8 MB + Yamaha CDR 400. (working)
See A4000 + MacroSystem Hardcard + Yamaha CDR 400. (bad)
See A4000 + Oktagon + Yamaha CDR 400. (bad)

The following drives are based on Yamaha CDR 400:

- MicroNet Technology Plus 4x6
- Smart & Friendly CDR4006
- Traxdata CDR 4600
- Yamaha CDR 400c (Caddy version)
- Yamaha CDR 400t (Tray version)
- Yamaha CDR 400tx (External tray version)
- Yamaha CDR 401t (IDE version)

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt.

1.43 Compatibility.guide/CDR_YAMAHACRW4001

```
Yamaha CRW 4001
...............

     Reading speed.............: 6x
     Writing speed.............: 4x (CD-R) and 2x (CD-RW)
     Internal buffer size......: 2 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0e (as of 15-Jan-1998)
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: Yes
     Release date..............: 7/1997
     Interface.................: IDE/ATAPI
     Comments..................: <none>

The following drives are based on Yamaha CRW 4001:

   · Microboards PlayWrite 4001RW

   · Smart & Friendly CD-RW426

MakeCD most likely will support this CD writer. Try driver
CDR_SCSI3_ATAPI.

This node has been written by Angela Schmidt. We never had a Yamaha CDW
4001 here to test. All information is based on Yamaha's information.
Further information is welcome.
```

1.44 Compatibility.guide/CDR_YAMAHACRW2260

```
Yamaha CRW 2260
...............

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0g (as of 15-Apr-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: IV/1997 or I/1998
     Interface.................: SCSI-2
     Comments..................: <none>

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt. We never had a Yamaha CRW
2260 here to test. All information is based on Yamaha's information.
Further information is welcome.
```

1.45 Compatibility.guide/CDR_YAMAHACRW4260

```
Yamaha CRW 4260
...............

     Reading speed.............: 6x
     Writing speed.............: 4x (CD-R) and 2x (CD-RW)
     Internal buffer size......: 2 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.0g (as of 15-Apr-1998)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 12/1997
     Interface.................: SCSI-2
     Comments..................: <none>

See A4000 + MKII + Yamaha CDRW. (working)
See A1200 + 1230scsi.device + Yamaha CRW4260. (working)

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt. We never had a Yamaha CRW
4260 here to test. All information is based on Yamaha's information.
Further information is welcome.
```

1.46 Compatibility.guide/CDR_YAMAHACRW4416

```
Yamaha CRW 4416
...............

     Reading speed.............: 16x
     Writing speed.............: 4x (CD-R) and 4x (CD-RW)
     Internal buffer size......: 2 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: unknown
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: <none>

See A4000T + internal scsi.device + Yamaha CRW4416S. (working)

MakeCD supports this CD writer. See CDR_SCSI3_ATAPI Test Protocol.

This node has been written by Angela Schmidt. We never had a Yamaha CRW
4416 here to test. All information is based on Yamaha's information.
Further information is welcome.
```

1.47 Compatibility.guide/CDR_TEST_PROT_LIST

```
CD writer test protocol list
----------------------------

We have carefully tested all MakeCD drivers. Have a look at our test
protocols. They help you to find out if your drive well tested, which
restrictions you have to expect, etc.


  Test of MakeCD driver CDR_JVC_Teac
  Test of MakeCD driver CDR_SCSI3_ATAPI
  Test of MakeCD driver CDR_Panasonic
  Test of MakeCD driver CDR_Philips_2000
  Test of MakeCD driver CDR_Philips_2600
  Test of MakeCD driver CDR_Plextor
  Test of MakeCD driver CDR_Ricoh_6200
  Test of MakeCD driver CDR_Sony
  Test of MakeCD driver CDR_Yamaha_10x
```

1.48 Compatibility.guide/CDR_TST_JVCTEAC

```
Test of MakeCD driver 'CDR_JVC_Teac'
....................................

Using drive 'TEAC CD-R50S-000 1.0E'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK? <not yet tested>
                                 (somebody else reported it works)
          Fix session: ..........<not yet tested>
          Fix CD-R: .............<not yet tested>
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......<not yet tested>
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........<probably not supported by CD writer>
          Read data track: ......OK? <not yet tested>
                                 (somebody else reported it works)
          Read audio track: .....OK
          Tested by: ............Giles Jones <gi@gj-cent.demon.co.uk>

Using drive 'JVC XR-W2010 V1.51'
          Table of Contents: ....OK (sometimes did not work correctly with
                                     the last track of unfixed sessions in
                                     our test; a negative track length is
                                     reported. That's a firmware bug. Ignoring
                                     this error and writing another track is
                                     possible and even fixed the problem.)
          Test mode: ............OK
          Write data track: .....OK (caused "unknown command" errors on
                                     some systems; these errors disappeared
                                     when we removed all other drives from
```

```
                                the SCSI bus - not our bug.
                                Other sources say that our problem has
                                most likely been caused by a "bad media"
                                or a heating problem. If you have a
                                similar problem, try a different media
                                and remove all warm devices around the
                                JVC.)
          Write audio track: ....OK (caused "unknown command" errors on
                                some systems; these errors disappeared
                                when we removed all other drives from
                                the SCSI bus - not our bug.
                                Other sources say that our problem has
                                most likely been caused by a "bad media"
                                or a heating problem. If you have a
                                similar problem, try a different media
                                and remove all warm devices around the
                                JVC.)
          Fix session: ..........OK (won't work if the firmware bug
                                described under Table of Contents
                                happens)
          Fix CD-R: .............OK (won't work if the firmware bug
                                described under Table of Contents
                                happens)
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK (sometimes passes wrong data or fails
                                with medium errors; that's a JVC XR-W2010
                                bug. CD-Rs written by the JVC XR-W2010 can
                                be read in other drives, though.
                                Recognition of mode 2 tracks may fail
                                because of the read errors, thus fixation
                                might be done with the wrong TOC type.)
          Read audio track: .....OK
          Tested by: ............Patrick Ohly

Using drive 'JVC XR-W2010 1.51'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Frank Arlt <frank.arlt@wiesbaden.netsurf.de>

Using drive 'Traxdata CDR4120 5.04'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
```

```
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Cédric Scarmato

Using drive 'TEAC CD-R55S 1.0L'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........<not tested>
          DAO: cooked data:......<not tested>
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....<not tested>
          SAO: fix session:......OK
          Writing speeds: .......OK
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Wolfgang Hosemann <whose@cityweb.de>
```

1.49 Compatibility.guide/CDR_TST_SCSI3_ATAPI

```
Test of MakeCD driver 'CDR_SCSI3_ATAPI'
.....................................

Using drive 'Yamaha CDR 400':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly

Using drive 'YAMAHA CDR200t 1.0h':
          Table of Contents: ..OK
          Test mode: ............<not tested>
          Write data track: .....OK
```

```
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Marc Gouttebroze <marcgout@imaginet.fr>

Using drive 'YAMAHA CDR200t 1.0g':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............<not tested>
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............ALeX Kazik <alx@gmx.de>

Using drive 'YAMAHA CRW4260 1.0d':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....<not tested>
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Quick erase CD-RW:.....OK
          Complete erase CD-RW:..OK
          Erase last session:....<not tested>
          Erase last track:......<not tested>
          Erase fixation:........<not tested>
          Repair track: .........<not tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Sven Lübke <chameleon@eanet.de>

Using drive 'Yamaha CRW-4260 1.0q (30/10/98)':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............OK
          Writing speeds: .......OK
          Quick erase CD-RW:.....OK
          Complete erase CD-RW:..OK
          Erase last session:....<not tested>
```

```
          Erase last track:......<not tested>
          Erase fixation:........<not tested>
          Repair track: .........<drive does nothing>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Sven Hansen <hanss000@mail.uni-mainz.de>

Using drive 'Matsushita CW-7502 V3.02':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........OK
          DAO: cooked data:......OK
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....OK
          SAO: fix session:......OK
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly <patrick@core.de>

Using drive 'Mitsumi CR-2600 TE':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not supported by CD writer>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........unsuccessful
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Simo Tuominen <simotit@tamagoch.evitech.fi>

Using drive 'HP CD-Writer+ 7200 (Rev.) 2.02':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not supported by CD writer, only raw writing>
          Writing speeds: .......OK
          Quick erase CD-RW:.....OK
          Complete erase CD-RW:..OK
          Erase last session:....OK
          Erase last track:......OK
          Erase fixation:........OK
          Repair track: .........OK
```

```
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Wolfgang Hosemann <whose@cww.de>

Using drive 'SONY CD-R CDU 928E 1.1k':
          Table of Contents: ....OK, but sometimes audio track sizes are wrong
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Quick erase CD-RW:.....<not supported by CD writer>
          Complete erase CD-RW:..<not supported by CD writer>
          Repair track: .........<not tested>
          Tested by: ............Tuomas Kivi <tuokki@compart.fi>

Using drive 'YAMAHA CRW4416S 1.0b':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          DAO: raw data:.........OK
          DAO: cooked data:......OK
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....OK
          SAO: fix session:......OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............OK
          Writing speeds: .......OK (1x, 2x, 4x)
          Quick erase CD-RW:.....OK
          Complete erase CD-RW:..OK
          Erase last session:....NO
          Erase last track:......NO
          Erase fixation:........NO
          Repair track: .........<not tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Sven Börger <svenboerger@gmx.net>

Using drive 'PHILIPS CDD3610 CD-R/RW 3.01':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Quick erase CD-RW:.....<not tested>
          Complete erase CD-RW:..OK
          Erase last session:....OK
          Erase last track:......OK
```

```
          Erase fixation:........<not tested>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Otto Frederico Pereira de Carvalho Filho < ↩
             ottocarvalho@alternex.com.br>
```

1.50 Compatibility.guide/CDR_TST_PANASONIC

```
Test of MakeCD driver 'CDR_Panasonic'
.....................................

Using drive 'MATSHITA CD-R CW-7501 2.00 (Compro CD-R 7501-INT)':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: ..................<not supported by current MakeCD driver>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<error illegal field in cmd descr>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Darren Ewaniuk <darrene@amitrix.com>
```

1.51 Compatibility.guide/CDR_TST_PHILIPSCDD2000

```
Test of MakeCD driver 'CDR_Philips_2000'
........................................

Using drive 'Philips CDD 2000':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly

Using drive 'HP CD-Writer 4020i':
          Table of Contents: ....OK
          Test mode: ............OK
```

```
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............<unknown>

Using drive 'IMS CDD2000/00 1.26'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Holger Hesselbarth
```

1.52 Compatibility.guide/CDR_TST_PHILIPSCDD2600

```
Test of MakeCD driver 'CDR_Philips_2600'
.....................................

Using drive 'Philips CDD2600 V1.07':
          Table of Contents: ....OK
          Test mode: ............OK
          Write audio track: ....OK
          Write data track: .....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........OK
          DAO: cooked data:......<not supported by CD writer>
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....<not supported by CD writer>
          SAO: fix session:......OK <only tested in test mode>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<no real repair, only recovery - not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly

Using drive 'HP CD-Writer 6020 V1.07 (10/21/96)':
          Table of Contents: ....OK, but wrong sessions (MakeCD < V2.3)
```

```
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Holger Kruse <kruse@nordicglobal.com>

Using drive 'HP CD-Writer 6020 1.07 (10/21/96)':
          Table of Contents: ....OK, sessions now correctly displayed
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Paul Kerwin <pkerwin@thenet.co.uk>

Using drive 'Philips CDD2600, 1.07 10/21/96'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK (track full of errors)
          Tested by: ............Lars Pisanec <lars_pisanec@usa.net>
```

1.53 Compatibility.guide/CDR_TST_PLEXTOR

```
Test of MakeCD driver 'CDR_Plextor'
...................................

Using drive 'Plextor CD-R PX-R24CS V1.50'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
```

```
          Fix CD-R: .............OK
          DAO/SAO: ..............<not tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Angela Schmidt

Using drive 'RICOH RO-1420C 1.62 (19961031)':
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............<not yet tested>
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Rudi Brand <brand@let.dnet.basf-ag.de>

Using drive 'Ricoh RO-1420C ver. 1.62 199610319':
          Table of Contents: ....<not completely tested>
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not yet tested>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Torsten Buecheler <mac@cs.uni-sb.de>
```

1.54 Compatibility.guide/CDR_TST_RICOH6200

```
Test of MakeCD driver 'CDR_Ricoh_6200'
.....................................

Using drive 'Ricoh MP6200S V1.00':
          Table of Contents: ....OK
          Test mode: ............OK
          Write audio track: ....OK
          Write data track: .....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........OK
          DAO: cooked data:......<not supported by CD writer>
          DAO: write audio:......OK
```

```
          DAO: copy XA/Mode2:....<not tested>
          SAO: non empty CD:.....<not supported by CD writer>
          SAO: fix session:......<not supported by CD writer>
          Writing speeds: .......OK
          Quick erase CD-RW:.....OK
          Complete erase CD-RW:..OK
          Erase last session:....OK
          Erase last track:......<did not erase anything>
          Erase fixation:........OK
          Complete erase CD-RW:..OK
          Repair track: .........<not yet tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Angela Schmidt

Using drive 'Ricoh MP6200S':
          Table of Contents: ....OK
          Test mode: ............OK
          Write audio track: ....OK
          Write data track: .....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........OK
          DAO: cooked data:......<not supported by CD writer>
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....<not supported by CD writer>
          SAO: fix session:......<not supported by CD writer>
          Writing speeds: .......OK
          Erase CD-RW:...........OK
          Repair track: .........<not tested>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Paul Qureshi <paul@mc68k.demon.co.uk>
```

1.55 Compatibility.guide/CDR_TST_SONY

```
Test of MakeCD driver 'CDR_Sony'
................................

Using drive 'SONY CDU 926S 1.1a'
          Table of Contents: ....OK
          Test mode: ............OK
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO/SAO: ..............<not supported by CD writer>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Horváth Péter <pcpince@syneco.hu>
```

```
Using drive 'SONY CD-R  CDU926S 1.0a ( Jan23)'
          Table of Contents: ....OK
          Test mode: ............OK (can't fix session or disk in test mode)
          Write data track: .....OK
          Write audio track: ....OK
          Fix session: ..........OK (not possible in test mode)
          Fix CD-R: .............OK (not possible in test mode)
          DAO/SAO: ..............<not supported by CD writer>
          Writing speeds: .......OK
          Erase CD-RW: ..........<not supported by CD writer>
          Repair track: .........OK
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly <patrick@core.de>

     Note on the repair test:
          The CD-R was trashed by a CDR521, reported as 'not writeable'
          in a Yamaha CDR 100 and not recognized at all by a Philips
          CDD 2000. With the Sony the target CD-R window showed one
          track covering the whole disc and told that "writing was
          interrupted". After repairing the track was reduced to its
          real size and the CD-R was writeable again. The track could
          be read, but not in the CDD 2000, which recognized the CD-R
          only once.

          With the Sony another track could be written and fixation was
          succesful. Now the CD-R is always recognized by the CDD 2000,
          too.
```

1.56 Compatibility.guide/CDR_TST_YAMAHA

```
Test of MakeCD driver 'CDR_Yamaha_10x'
.....................................

Using drive 'Yamaha CDR100 1.12 (06/17/96)':
          Table of Contents: ....OK
          Test mode: ............OK
          Write audio track: ....OK
          Write data track: .....OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          DAO: raw data:.........OK
          DAO: cooked data:......OK
          DAO: write audio:......OK
          DAO: copy XA/Mode2:....OK
          SAO: non empty CD:.....<not supported by CD writer>
          SAO: fix session:......<not supported by CD writer>
          Writing speeds: .......OK
          Erase CD-RW:...........<not supported by CD writer>
          Repair track: .........<not supported by CD writer>
          Read data track: ......OK
          Read audio track: .....OK
          Tested by: ............Patrick Ohly
```

1.57 Compatibility.guide/CCDRM

```
CD-ROM drives
=============

The following section lists all CD-ROM drives that have been tested with
MakeCD. Please note, that sometimes a CD-ROM drive is not compatible
with a specific Amiga SCSI system. In this case, you might have
problems with that CD-ROM drive.

Using MakeCD driver "CD_ATAPI":
    Using drive 'MATSHITA CD-ROM CD-581 1.07 (xx592110)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Hans de Groot <hansg@3wis.nl>

    Using drive 'TOSHIBA CD-ROM XM-5302TA 1095 (04/19/95)':
               Table of Contents: ....OK (mode detection might cause problems)
               Read data track: ......OK
               Read audio track: .....OK (single speed only, not after 74 min)
               Tested by: ............M.L. Lie

    Using drive 'BTC CD-R OM: BCD 639 FOHP  1.0':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....no!
               Tested by: ............Marc Gouttebroze <marcgout@imaginet.fr>

    Using drive 'SONY CD-ROM CDU76E-Q 1.0c':
               Table of Contents: ....OK
               Read data track: ......OK (4x, 2x ,1x)
               Read audio track: .....NO
               Tested by: ............Sven Börger <svenboerger@gmx.net>

    Using drive 'TEAC CD-532E-A 1.0A':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Sven Börger <svenboerger@gmx.net>

    Using drive 'SAMSUNG SCR-830 REV 2.06':
               Table of Contents: ....OK
               Read data track: ......OK (8x)
               Read audio track: .....NO
               Tested by: ............Sven Börger <svenboerger@gmx.net>

    Using drive 'MITSUMI CD-ROM      !A S02':
               Table of Contents: ....OK
               Read data track: ......OK (2x)
               Read audio track: .....NO
               Tested by: ............Sven Börger <svenboerger@gmx.net>
```

```
    Using drive 'MATSHITA CD-ROM CD-571 1.0d':
               Table of Contents: ....OK
               Read data track: ......OK (2x, 1x)
               Read audio track: .....OK (2x, 1x)
               Tested by: ............Sven Börger <svenboerger@gmx.net>

    Using drive Mitsumi FX-400: 'MITSUMI CD-ROM      !B B04':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....no!
               Tested by: ............ALeX Kazik <alx@gmx.de>

    Using drive 'LTN-242 (Lite-ON 24x ATAPI':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (up to 4x speed)
               Tested by: ............Holger Hesselbarth

    Using drive 'MITSUMI CD-ROM FX240S  !B':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Christian Wimmer <doso@highvolt.gun.de>

Using MakeCD driver "CD_ROM" (no CDDA reading):
    Using drive 'SANYO CRD-400I 1.41 ()':
               Table of Contents: ....OK
               Read data track: ......OK (double speed)
               Read audio track: .....<not supported by this MakeCD driver>
               Tested by: ............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
                  koeln.de>

    Using drive 'MEDIAVIS CDR-H93MV 1.31':
               Table of Contents: ....OK
               Read data track: ......OK (double speed)
               Read audio track: .....<not supported by this CD-ROM drive>
               Tested by: ............Sjoerd Postma <gamer@xs4all.nl>

Using MakeCD driver "CD_NEC":
    Using drive 'NEC CD-ROM DRIVE:500 2.5':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....didn't work
               Tested by: ............ Arno Griffioen <arno@ixe.net>

Using MakeCD driver "CD_Sony_Plextor":
    Using drive 'PLEXTOR CD-ROM PX-8XCS (12/12/96)'
               Table of Contents: ....OK
               Read data track: ......OK (eightfold speed)
               Read audio track: .....OK (changable from 1x to 8x speed)
               Tested by: ............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
                  koeln.de>

    Using drive 'PLEXTOR CD-ROM PX-12TS 1.01 (11/05/96), 5'
               Table of Contents: ....OK
               Read data track: ......OK (Oktagon V6.8: XA only in single speed
                                          MASOBOSHI-Mastercard MC702: fast)
```

```
           Read audio track: .....OK (Oktagon V6.8: single speed only
                                      MASOBOSHI-Mastercard MC702: fast)
           Tested by: ............Thorsten Reichelt <Apollo@BLUE.DSSD.SUB.ORG>

Using drive 'TEAC CD-ROM CD-516S 1.0D'
           Table of Contents: ....OK
           Read data track: ......OK (measured ~12x speed on plain A3000)
           Read audio track: .....OK (measured ~8x speed on plain A3000)
           Tested by: ............Angela Schmidt

Using drive 'TEAC CD-ROM CD-516S 1.0G'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK (max. speed is 4x)
           Tested by: ............Angela Schmidt

Using drive 'PLEXTOR CD-ROM PX-6XCS 2.05'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK
           Tested by: ............Hermann Doerries <h_doerries@wilam.north.de>

Using drive 'PLEXTOR CD-ROM PX-20TS 1.00'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK
           Tested by: ............Marcel hage <eurobyte@club.tip.nl>

Using drive 'MATSHITA CD-ROM CD-8005 1.0k'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK (single speed only)
           Tested by: ............Henri Saleh <henri@ai.inka.de>

Using drive 'SONY CD-ROM CDU-55S 1.0t ()'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK
           Tested by: ............Paul Kerwin <pkerwin@thenet.co.uk>

Using drive 'PIONEER CD-ROM DR-124X 1.06 (28/11/1995)':
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK
           Tested by: ............Felix Winter <Animalo@WEL.domino.de>

Using drive 'SONY CD-ROM CDU-8003A 1.9a (), 5':
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....OK
           Tested by: ............<does not want to be listed here>

Using drive 'SONY CD-ROM CDU-8003A 1.9a ()'
           Table of Contents: ....OK
           Read data track: ......OK
           Read audio track: .....NOT OK (stops after a few blocks with error)
           Tested by: ............M.L. Lie
```

```
    Using drive 'Nakamichi NRC MBR-7 110() --- 7-Disc CD-ROM Changer'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Alessandro Zummo <azummo@ita.flashnet.it>

    Using drive 'Mitsumi FX 600 (6x)'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Horváth Péter <pcpince@syneco.hu>

    Using drive 'Wearnes CDD 1020 (10x)'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Horváth Péter <pcpince@syneco.hu>

    Using drive 'Plextor UltraPlex (PX-32TS)'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Wilfried Schott <w.schott@abo.freiepresse.de ↩
                  >

    Using drive 'PIONEER CD-ROM DR-U03S 1.01':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Wolfgang Hosemann <whose@cww.de>

    Using drive 'PIONEER DR-506S':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Dirk Stöcker <stoecker@amigaworld.com>

Using MakeCD driver "CD_Toshiba":
    Using drive 'TOSHIBA CD-ROM XM-4101TA 2483 (09/05/93)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (drive supports single speed only)
               Tested by: ............Angela Schmidt

    Using drive 'Toshiba CD-ROM XM-5301TA 0925 (04/02/95)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Rudi Brand <brand@let.dnet.basf-ag.de>

    Using drive 'TOSHIBA CD-ROM XM-3601TA V0265 (01/26/95)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Holger Kruse <kruse@nordicglobal.com>
```

```
    Using drive 'TOSHIBA CD-ROM XM-3601TA 0175 (01/17/95),5':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (single speed only)
               Tested by: ............Martin Sprenger <smart-e@chillout.org>

    Using drive 'TOSHIBA CD-ROM XM-3501TA V1875 (07/06/95)'
               Table of Contents: ....OK
               Read data track: ......OK (quad-speed)
               Read audio track: .....OK (drive supports single speed only)
               Tested by: ............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
                  koeln.de>

    Using drive 'Toshiba CD-ROM XM-3501TA 2694 (09/26/94),5'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....<Hardware Positioning Error>
               Tested by: ............Matthias Egerland <Matthias.Egerland@post. ↩
                  rwth-aachen.de>

    Using drive 'TOSHIBA CD-ROM XM-3401TA 3593 (12/25/93)'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Heiko Weiss <heiko.weiss@rhoen.de>

    Using drive 'Toshiba CD-ROM XM-3701TA 0236 (01/23/96)'
               Table of Contents: ....OK
               Read data track: ......OK (6.7x speed)
               Read audio track: .....OK (single speed only)
               Important note: .......Older firmware (e.g. 3055 (12/25/95)) does
                                      not allow proper CDDA reading. Try the
                                      Toshiba BBS (Germany) +49 2131/158123
                                      'tosh-up.zip' or contact me.
               Tested by: ............Sven Hansen <hanss000@mail.uni-mainz.de>

    Using drive 'TOSHIBA CD-ROM XM-5701TA 3136 (11/08/96)'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Lars Pisanec <lars_pisanec@usa.net>
```

1.58 Compatibility.guide/CSYSG

```
Working systems
===============

Here follows a list that lists all systems that worked fine for some
users. Please note, that this list has been created by a lot of
different customers. Some of them know their Amiga very well and know
what they're writing -- others don't. Sometimes, a hardware combination
might work fine for one person and another person has a lot of trouble
with almost the same combination. Therefore, read also the list that
reports bad combinations! See CD writers, which contains a lot of
```

information about many CD writers.

If your system is not listed in the list of tested systems, look out for entries in that list, that apply to a system that seems to be similar to yours, except for the CD writer. Now use Full list of CD writers to find out if the CD writer that is used in that configuration is compatible to your CD writer. Often, these CD writers are not only compatible, they are even identical -- except the label on it!

A3000, Yamaha	A3000 + internal scsi.device + Yamaha CDR 100
A4000T, Plextor	A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS
A4000, Philips	A4000 + CyberSCSI + Philips CDD 2600
A1200, Yamaha	A1200 + 1230scsi.device + Yamaha CDR-102
A4000, Yamaha	A4000 + Cyberstorm MK-I + cybscsi.device, Yamaha CDR 100
A2000, HP 6020	A2000 + Blizzard 2060 + HP CD-Writer 6020
A2000, Ricoh	A2000 + 2060scsi.device + Ricoh RO-1420C
A1200, HP 6020	A1200 + 1230scsi.device + HP CD-Writer 6020
A1200, Philips	A1200 + squirrelscsi.device + Philips CDD 2600
A4000, Ricoh	A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C
A1200, Philips	A1200 + dkbscsi.device + Philips CDD 2000
A4000, Philips	A4000 + Cyberstorm MK II + PhilipsCDD 2600
A2000, Philips	A2000 + G-Force 030/40 + PhilipsCDD 2600
A4000, Philips	A4000 + Fastlane + Philips CDD 2600
A1200, Yamaha	A1200 + 1230scsi.device + Yamaha CDR 400
A4000, Yamaha	A4000 + GVP + Yamaha CDR 400
A3000, Philips	A3000 + Cyberstorm MkII + PhilipsCDD 2600
A3000, Sony	A3000 + Sony CDU 926S
A1200T, JVC	A1200T + Oktagon + JVC XR-W2022
A4000, Philips	A4000 + GURU-A2091 + Philips CDD 2000
A4000, Yamaha	A4000/40 + Oktagon 2008 SCSI + Yamaha CDR 400
A1200, Sony	A1200 + Blizzard 1230/IV + Sony CDU 926S
A4000, JVC	A4000 + Cyberstorm MkII + JVC XR-W2010
A3000T, Philips	A3000T + Philips CDD 2000
A4000, Philips	A4000 + warpdrive.device + dkbscsi.device + Philips CDD 2000
A4000, Yamaha	A4000 + z3scsi.device + Yamaha CDR 200t
A3000, Dysan	A3000 + Dysan CD-RW
A3000, Sony	A3000 + CyberStorm060/50 + Sony CDU 926S
A2000, Philips	A2000 + Blizzard 2060 + Philips CDD2600
A1200T, Philips	A1200T + Blizzard 1230/SCSI-II Kit + Philips CDD 2000
A2000, Philips	A2000 + 2060scsi.device + Philips 2600 + Teac CD-516
A1200, Yamaha	A1200 + Blizzard + Yamaha CDR200t
A4000, Yamaha	A4000 + GVP + Yamaha CDR200t
A1200, Philips	A1200 + ATAPI-Philips CD writer
A4000, Yamaha	A4000 + MKII + Yamaha CDRW
A4000, Yamaha	A1200 + 1230scsi.device + Yamaha CDR 400
A4000, Grundig	A4000 + Fastlane + IMS CDD2000
Draco, Panasonic	Draco 060 + Panasonic CW-7502
A4000, Traxdata	A4000 + cybppc + Traxdata CDR4120
A1200, Yamaha	A1200 + mtecscsi.device + Yamaha CDR400
A4000, CD-ROM	A4000 + MK I + Plextor PX-32TS
A1200T, Mitsumi	A1200T + Mitsumi CR-2600TE
A1200T, HP 7200	A1200T + Blizzard + HP 7200
A500, Philips	A500plus + Philips 2600
Draco, Panasonic	Draco + Panasonic CW-7502B
A4000T, Ricoh	A4000T + CyberstormPPC + Ricoh MP6200S
A1200, Panasonic	A1200 + 1230.scsi.device + MATSHITA CD-R CW-7502

```
  A4000, Yamaha      A4000 + GVP + Yamaha CDR 400
  A4000, Yamaha      A4000 + GVP 8 MB + Yamaha CDR 400
  A4000, JVC2042     A4000 + Cyberstorm MK II + JVC XR-W2042
  A3000, Matshita    A3000 + Matshita CW-7501
  A4000, Teac 55S    A4000 + GVP Serie II + Teac CD-R 55S
  A4000T, Yamaha     A4000T + internal scsi.device + Yamaha CRW4416S
  A1200, Yamaha      A1200 + 1230scsi.device + Yamaha CRW4260
  A1200, Philips     A1200 + IDE/ATAPI + PHILIPS CDD3610
  A4000, Ricoh       A4000 + GVP 4008 SCSI + Ricoh 6200
  A3000, Plextor     A3000 + Plextor PX-R412C
  A1200T, Teac       A1200T + Blizzard + TEAC CD-R55S
  A1200, Teac        A1200 + Blizzard + Teac CD-R55S
```

1.59 Compatibility.guide/CSG01

```
A3000 + internal scsi.device + Yamaha CDR 100
---------------------------------------------

Computer:
     Amiga 3000, OS 3.1

Hostadapter:
     Internal, scsi.device V40.12 (21.12.93)

CD writer:
     Yamaha CDR100 1.12 (06/17/96)

Other devices at the same SCSI bus:
     QUANTUM PD210S 501C, IBM DORS-32160 WA0A

System works fine.

I can write big image files from the IBM hard disk to CD-R in 4x speed.
I used to have trouble, but then I found out that my hard disk has been
prepped with the wrong mask value. After changing it to 0xfffffffc, I
can write in 4x speed without any trouble.

A made another test on a different A3000 (scsi.device 40.20 (18.02.94),
QUANTUM EMPIRE_1080S 1100 (QS940131), TOSHIBA CD-ROM XM-4101TA 2483
(09/05/93)), and everything worked fine, too.

Tested by Angela Schmidt.
```

1.60 Compatibility.guide/CSG02

```
A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS
-------------------------------------------------

Computer:
     Amiga 4000T, WarpEngine 40/40
```

```
CD writer:
     Plextor CD-R PX-R24CSi V1.50

This system worked without any problems in several different
configurations.

Tested by Angela Schmidt & Heinz Wrobel.
```

1.61 Compatibility.guide/CSG03

```
A4000 + CyberSCSI + Philips CDD 2600
------------------------------------

Computer:
     Amiga 4000, Cyberstorm MK II 060/50

SCSI device:
     CyberSCSI V8.4

CD writer:
     Philips CDD 2600 V1.07 (21-Oct-96)

CD-ROM drive:
     Toshiba XM-3601TA (ROM version 0175, 17.01.95)

The whole system works fine.

Tested by 'Christian Berger <chb@worldpower.owl.de>'.
```

1.62 Compatibility.guide/CSG04

```
A1200 + 1230scsi.device + Yamaha CDR-102
----------------------------------------

MakeCD version:
     MakeCD 2.2

Computer:
     Amiga 1200, OS 3.0, Blizzard 1240 (68040)

SCSI device:
     1230scsi.device 8.5 (using SoftSCSI)

CD writer:
     Yamaha CDR-102 V1.01 (12/25/95)

CD-ROM drive:
     Toshiba CD-ROM XM-3701TA 0236 (01/23/96)
```

```
Other devices at the same SCSI bus:
     CD-ROM, DEC DSP3053LS X442000044087 hard disk

No SCSI problems. Reselection enabled for all devices, the hard disk
used synchron mode. An EIDE hard disk (WDC 2.1gig) was also in use.

Tests performed:

   · Audio tracks were read at single speed from both the Toshiba and
     the Yamaha and saved to the EIDE drive. Then an Audio CDR was
     written flawlessly using single speed again.

   · An image file was written (1x) to the CDR successfully.

   · Audio tracks were saved on EIDE hard disk and later written to CDR
     at double speed followed by audio tracks copied (1x) from CD-ROM to
     CD-Writer. The second session was written on-the-fly from the SCSI
     hard disk at double speed. It included a 300meg file. Perfect.

   · MakeCD and a CD-player played the Audio tracks of a fixed session
     although the CDR itself wasn't fixed.

Three coasters produced due to low quality CDRs. The buffer size used
for all these tests was 8 MB. While writing a CDR the buffer capacity
never dropped below 90% for direct writing, 99% when using an image
file. Even old CD-players play Audio-CDRs perfectly.

Tested by 'Sven Hansen <hanss000@mail.uni-mainz.de>'.
```

1.63 Compatibility.guide/CSG05

```
A4000 + Cyberstorm MK-I + cybscsi.device + Yamaha CDR 100
---------------------------------------------------------

Computer:
     A4000, OS 3.1, Cyberstorm MK-I 060/50

SCSI device:
     cybscsi.device V8.1

CD writer:
     Yamaha CDR 100

CD-ROM drive:
     Toshiba CD-ROM XM3501TA

Other devices at the same SCSI bus:
     Seagate harddisk ST15150N, Quantum harddisk Lightning 730S, Epson
     scanner GT-8500, SyQuest removable harddisk SQ3270S, Toshiba
     CD-ROM XM3501TA, Hewlett Packard DAT-streamer HP35480A

System works fine.

Tested by 'Matthias Egerland <Matthias.Egerland@post.rwth-aachen.de>'.
```

1.64 Compatibility.guide/CSG06

```
A2000 + Blizzard 2060 + HP CD-Writer 6020
-----------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A2000, Blizzard 2060, OS 3.1

SCSI device:
     2060scsi.device 7.25
     CD-ROM and CD-Writer: asynchronous, reselection

CD writer:
     HP CD-Writer 6020 V1.07 (10/21/96)

CD-ROM drive:
     TOSHIBA CD-ROM XM-3601TA V0265 (01/26/95)

Other devices at the same SCSI bus:
     QUANTUM LPS540S, Quantum XP32150, HP HP35470A, IOMEGA ZIP 100,
     TOSHIBA CD-ROM XM-3601TA

System works fine. No SCSI hangups at all. 3 CD-Rs written, all
successful.

Tested by 'Holger Kruse <kruse@nordicglobal.com>'.
```

1.65 Compatibility.guide/CSG07

```
A2000 + 2060scsi.device + Ricoh RO-1420C
----------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A2000, 2060SCSI.DEVIVE V8.1, OS 3.1

SCSI device:
     2060scsi.device   V8.1
     Hard disk:        RESELECTION, SYNCHRON
     CD-ROM drive:     NO RESELECTION, ASYNCHRON
     CD writer:        NO RESELECTION, ASYNCHRON

CD writer:
     RICOH RO-1420C 1.62 (19961031)
```

```
CD-ROM drive:
     Toshiba CD-ROM XM-5301TA 0925 (04/02/95)

Other devices at the same SCSI bus:
          1GB hard disk, DEC     Unit 0 DSP3107LS 441C000042686
          CD-ROM drive, Toshiba  Unit 2 XM5301TA092504|02|95
          DAT streamer, IBM      Unit 3 IBM4326NP/RP !D4.BK
          CD writer, Ricoh       Unit 4 RO1420C 1.62199610319
          Scanner, HP (2CX)      Unit 5 C2500A 3332

System works fine. No SCSI hangups. 20 CD-Rs written, all successful.
No changed had to be made to the system in order to make it work.

Tested by 'Rudi Brand <brand@let.dnet.basf-ag.de>'.
```

1.66 Compatibility.guide/CSG08

```
A1200 + 1230scsi.device + HP CD-Writer 6020
-------------------------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     Amiga 1200T, OS 3.1, Blizzard 1260 (68060), 2+48 MB RAM

SCSI device:
     1230scsi.device 8.5 (also tested with 7.19 and 8.3)

CD writer:
     HP CD-Writer 6020 1.07 (10/21/96)

CD-ROM drive:
     TEAC CD-ROM CD-516S 1.0D
     SONY CD-ROM CDU-55S 1.0t

Other devices at the same SCSI bus:
     QUANTUM FIREBALL1280S 630C
     ZIP 100 E.11

System works fine. No SCSI hangups with reselection turned off for
writer and CD-ROM. 14 CD-Rs written, all successful.

With this setup it is possible to get SCSI hangups when reading from a
CD-ROM and writing the ISO image to a file on a SCSI hard drive. This
is a common problem with earlier versions of the 1230scsi.device, using
version 8.1 or higher fixes this problem (SoftSCSI on Aminet can be
used to patch older ROMs.)

Tests performed:

     Tests performed:
```

- Write an audio track direct from CD to CD-R at 1x speed. This worked perfectly.

- Write an audio track direct from CD to CD-R at 2x speed. This failed with a buffer underrun using a 2x CD-ROM but works with a faster CD-ROM.

- Write an audio track from CD to CD-R at 2x speed using an image file. This works perfectly, even if the image file is on a hard drive on the same SCSI controller as the CD writer.

- Write a data track direct from CD to CD-R at 2x speed. Worked perfectly.

- Write a data track from CD to CD-R at 2x speed using an image file. Worked perfectly.

- Write a data track at 2x speed from a filesystem directly to CD-R. Works perfectly.

- Write a data track at 2x speed from a filesystem using an image file. Works perfectly, even if the image is on a hard drive on the same SCSI controller as the CD writer.

The buffer size used for all these tests was 8 MB, the "Parallel read/write" and "use ExAll" settings were both turned on and all hard drive partitions have 1024 buffers.

Tested by ‘pkerwin@thenet.co.uk (Paul Kerwin)’.

1.67 Compatibility.guide/CSG09

```
A1200 + squirrelscsi.device + Philips CDD 2600
----------------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     Amiga 1200, OS 3.1

SCSI device:
     squirrelscsi.device V37.775 (23.08.1995)

CD writer:
     PHILIPS CDD2600 V1.07 21/10/1996

CD-ROM drive:
     PIONEER CD-ROM DR-124X V1.06 28/11/1995

Other devices at the same SCSI bus:
     Only CD-ROM drive and CD writer

System works fine. No SCSI hangups. 4 CD-Rs written, all successful.
```

```
Tested by 'Felix Winter <Animalo@WEL.domino.de>'.
```

1.68 Compatibility.guide/CSG10

```
A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C
----------------------------------------------------

MakeCD version:
     MakeCD 2.1

Computer:
     Amiga 4000, OS 3.0

SCSI device:
    cybscsi.device 8.2 (beta)
              · Unit 1 FIREBALL 1080 S ver. 1Q0906/05/953 (Quantum HD)
                synchron, reselection on, FWC mode on, no removable

              · Unit 2 RICOH RO-1420C ver. 1.62 199610319 (CD writer)
                asynchron, reselection on, FWC mode off, removable

              · Unit 5 Syquest SQ3105S  ver. 2_04 (SyQuest 105)
                asynchron, reselection on, FWC mode off, removable

    scsi.device 37.64 (13.08.92)
              · Unit 0 Seagate ST5080A  ver. 14.1 (Seagate HD)
                reselection on

              · Unit 1 QUANTUM FIREBALL_TM3840A ver. A6B. (Quantum HD)
                reselection on; this hard disk is the one that is used
                for image files etc.

CD writer:
     Rocoh RO-1420C ver. 1.62 199610319

Other devices at the same SCSI bus:
     Only CD-ROM drive and CD writer

System works fine. 17 CD-Rs written, 15 successfull. The two coasters
might be caused by the Garshne Blanker.

Tested by 'Torsten Buecheler <mac@cs.uni-sb.de>'.
```

1.69 Compatibility.guide/CSG11

```
A1200 + dkbscsi.device + Philips CDD 2000
-----------------------------------------

MakeCD version:
```

```
     MakeCD 2.2

Computer:
        · Amiga 1200, OS 3.1, 2Mb Chip 16Mb Fast, VBR in Fast RAM

        · 5 Zorro II Slots by Micronik

        · M1230 XA accelerator by Microbotics
          -> 68030 processor (CPU) at 50MHz with MMU
          -> 68882 coprocessor (FPU) at 50MHz
          -> one HYUNDAI SIMM of 16Mb single sided, 60ns with parity
          chip

        · Toccata 16bit soundcard by MacroSystem

        · DKB RapidFire SCSI-II controller

        · Conner Peripherals 1.2 gig AT/IDE HD
          -> MaxTransfer = 0x1ffe0

SCSI device:
     dkbscsi.device

CD writer:
     PHILIPS CDD 2000 V1.20 -> MANUFACTURED MARCH 1996

CD-ROM drive:
     MITSUMI FX200 V?.?? -> MANUFACTURED MAY 1995 FOR IBM N.Y.
     (This is an atapi drive - I use it with atapi.device)

Other devices at the same SCSI bus:
     IOMEGA Z100i ZIPDRIVE INSIDER SCSI-II MODEL

System works fine. No SCSI hangups. +20 CD-Rs written, some trashed due
to wrong settings, all the rest were successful.

The same CD writer was also tested on an A4000 with a GVP SCSI-II
controller (V2.?? an old one!). We could only write at single speed. But
with a ROM update for the controller it should work.

Tested by Korneel Ketelslegers.
EMail via: crisp@unicall.be - Subject: KORNEEL KETELSLEGERS
```

1.70 Compatibility.guide/CSG12

```
A4000 + Cyberstorm MK II + PhilipsCDD 2600
------------------------------------------

MakeCD version:
     MakeCD 2.2

Computer:
     A4000 with Cyberstorm MK II 68060/50 MHz card and CyberVision 2MB
     video card, OS 3.1
```

```
SCSI device:
     cybscsi.device 8.1 -- CyberSCSI controller connected to Cyberstorm
     card
     Reselection on, asyncronous transfer.

CD writer:
     PHILIPS CDD2600 1.07 (10/21/96) (ID 4)

CD-ROM drive:
     SONY CD-ROM CDU-8003A 1.9a (), in an Apple CD-300 box (ID 3)

Other devices at the same SCSI bus:
     QUANTUM TRB850S (Trailblazer HD) rev. 0404 (ID 6)
     IOMEGA ZIP 100 rev. N*32 (ID 5)

System works fine. No SCSI hangups. 12 CD-Rs written, 10 successful, 2
unsuccessful due to user errors/software bugs.

Tested by Roberto Tosco.
```

1.71 Compatibility.guide/CSG13

```
A2000 + G-Force 030/40 + PhilipsCDD 2600
----------------------------------------

MakeCD version:
     MakeCD 2.2+public driver update 5, 2.3 BETA

Computer:
     A2000 with GVP G-Force 030/40, OS 3.1

SCSI device:
     omniscsi.device 1.9 (01.04.95)
     Reselection off for all hard disks.
     Reselection on for CD-ROM and writer.
     Asynchronous transfer for all drives.

CD writer:
     PHILIPS CDD2600 1.07 (10/21/96)

CD-ROM drive:
     MATSHITA CD-ROM CR-8005A 4.0i

Other devices at the same SCSI bus:
     QUANTUM LIGHTNING 730S 241E
     QUANTUM LIGHTNING 540S 241E

System works fine. No SCSI hangups. Audio extraction works fine with all
speeds. Couldn't hear any jumps/noise, even with higher track numbers.

Tested by Patrick Ohly <patrick@core.de>.
```

1.72 Compatibility.guide/CSG14

```
A4000 + Fastlane + Philips CDD 2600
-----------------------------------

Computer:
     A4000/40

Hostadapter:
     Fastlane Rev. 2.2

CD writer:
     Philips CDD 2600 (V1.06)

This system caused the following problems using Fastlane ROM V7.120:

   · Reading  of  audio data causes data errors after 16-20 minutes and
     the drive makes noise (head positioning, change of the rotating
     speed)
     -> Philips hotline suggests to read with double speed. I could not
     test this yet, though.

   · Writing of data and audio tracks does not cause any problems, but
     it is not possible to fix the CD-R at the end. Repair mode worked
     without any problems.

   · You cannot use MCDPlayer to play an audio CD that is inserted in
     that drive.

   · Hint  of the Phase 5 hotline: switch off reselection at all
     devices.

After updating Fastlane to ROM version 8.2, the problems disappeared,
except the problem in reading audio data (after 10 - 15 minutes, there's
a lot of garbage in the data stream). This is a problem of the Philips
CDD 2600 CD writer.

Tested by 'Bernd Drefs <Broken_Systems@websurf.pcom.de>'.
```

1.73 Compatibility.guide/CSG15

```
A1200 + 1230scsi.device + Yamaha CDR 400
----------------------------------------

Computer:
     A1200, 2 MB chip, 32 MB fast

Hostadapter:
     Blizzard 1230scsi.device

CD writer:
     YAMAHA CDR400t 1.0c (12/03/97)
```

```
    Jumpers:
          Termination:     on    (Jumper off)
          Parity:          off   (Jumper on)
          Unit:            3
          Block Size:      2048  (Jumper off)

    Driver:
          MMC V7.8 (this driver is named now CDR_SCSI3_ATAPI)

    Comments:
          Took a while to get working due to lack of docs, i.e.
          transport info and nothing else! Thanx Yamaha! This drive is
          an excellent piece of kit.  646mb Data track at 4x speed in
          17mins! No problems encountered. Seems to enjoy any writable
          CD's up till now, very easy to feed ;-).

CD-ROM drive:
     PIONEER CD-ROM DR-U10X 1.07 ( 1996/08)

    Jumpers:
          Termination:     off   (Jumper on)
          Unit:            2
          Block Size:      2048  (Jumper off)

    Driver:
          PlextorCD V7.4

    Comments:
          Nice 10x CDROM, works perfectly but doesn't like CD's with
          sticky labels (low clearance in drive). Reads CDDA.

Hard disk:
     2.5GB Seagate EIDE

Extra stuff:
     Built into tower system with Mitsumi 12X CDROM Atapi (Not used in
     tests) plus Artec SCSI Scanner (Not connected during tests).

Comments:
     Frequent SCSI hang-ups until 1230scsi.device was patched from V6.x
     to V8.x with a utility from an Aminet CD. (Input "Blizzard" as
     search word in Lists/AminetFind). After installing the patch, the
     only errors were due to Human error. CD copying, on-the-fly
     writing from HD and writing from image file all worked perfectly
     at 4x speed.

Tips:
     Try Re-Org or Ami-filesafe on HD for speed, we managed to achieve
     over 2.5MB/sec.

Tested by 'Glenn Mrosek <Gremlin@I-Memory.dontpanic.sub.org>, +49 571
508316'.
```

1.74 Compatibility.guide/CSG16

```
A4000 + GVP + Yamaha CDR 400
----------------------------

Computer:
     A4000 Hardital Power Changer 040 at 28Mhz, 2MB chip, 16MB fast.
     8088 bridgboard (No laughing, it was free ;-) ), Mitsumi FX002D +
     Tandem.

Hostadapter:
     GVP Series II+Guru ROM V6.11 (omniscsi.device)

CD writer:
     YAMAHA CDR400t 1.0c (12/03/97)

    Jumpers:
          Termination:     on    (Jumper off)
          Parity:          off   (Jumper on)
          Unit:            3
          Block Size:      2048  (Jumper off)

    Driver:
          MMC V7.8 (this driver is named now CDR_SCSI3_ATAPI)

    Comments:
          Took a while to get working due to lack of docs, i.e.
          transport info and nothing else! Thanx Yamaha! This drive is
          an excellent piece of kit.  646mb Data track at 4x speed in
          17mins! No problems encountered. Seems to enjoy any writable
          CD's up till now, very easy to feed ;-).

CD-ROM drive:
     PIONEER CD-ROM DR-U10X 1.07 ( 1996/08)

    Jumpers:
          Termination:     off   (Jumper on)
          Unit:            2
          Block Size:      2048  (Jumper off)

    Driver:
          PlextorCD V7.4

    Comments:
          Nice 10x CDROM, works perfectly but doesn't like CD's with
          sticky labels (low clearance in drive). Reads CDDA.

Hard disk:
     Seagate ST3144A 130 MB HD as boot drive.

Comments:
     This is what I am stuck with at the moment. It works, but the
     maximum transfer rate I could achieve was 357KB/sec. This is just
     a bit too slow to be able to write in 2x speed. At the moment I am
     using Reselection off the writer, DMA on the Host adapter, 32kb
     chunks and sequential writing with a 12MB buffer while writing in
```

```
     only 1x speed, very disappointing after buying a 4x CD writer :-(.

Tips:
     Not many, it works (mostly) but you should always, ALWAYS write
     the WHOLE CD in test mode first. I have a very nice collection of
     "coasters" now so if you want to buy a "CD clock" as a present for
     someone you don't like, or a frisbee for the kids, I'm your man
     ;-).

Tested by 'Glenn Mrosek <Gremlin@I-Memory.dontpanic.sub.org>, +49 571
508316'.
```

1.75 Compatibility.guide/CSG17

```
A3000 + Cyberstorm MkII + PhilipsCDD 2600
-----------------------------------------

MakeCD version:
     MakeCD 2.3 (Settings: parallel read/write, buffer between 6 and 16
     MB, chunk size 100 KB)

Computer:
     A3000, Cyberstorm MkII, 32 MB Ram, CyberGfx/Spectrum board, OS 3.1

Hostadapter:
     A3000 internal SCSI hostadapter, scsi.device V40.12

CD writer:
     PHILIPS CDD2600 1.07 (unit 4, terminated)

CD-ROM drive:
     PLEXTOR CD-ROM PX-6XCS 2.05 (unit 3, not terminated)

Other devices at the same SCSI bus:
     Internal bus: hard disk (unit 0, terminated)
     External bus: different hard disks (varies)

Reselection and asynchronous transfer mode is switched on for all
devices. No SCSI hangups at all. 10 CD-Rs written, all successful.

Note: With earlier versions of MakeCD, I noticed SCSI hangups. I assume
it was caused by too big chunks. Now I use 100 KB chunks. This works
fine.

Tested by 'Hermann Doerries <h_doerries@wilam.north.de>'.
```

1.76 Compatibility.guide/CSG18

```
A3000 + Sony CDU 926S
---------------------
```

```
MakeCD version:
     MakeCD 2.3

Computer:
     A3000/25 (ECS), 16+2 MB RAM, A2060, Ariadne, AmiTCP 4.2, Envoy 2.0,
     WShell 2.0/Display-Handler. ToolManager, Snap, SegTracker,
     Kiskometer, DMouse, rload, UMS, OS 3.1 (KS 40.70, WB 40.42)

Hostadapter:
     scsi.device V40.20 (A3000 internal SCSI device)

CD writer:
     Sony CD-R CDU 926S 1.0a

Other devices at the same SCSI bus:
     Quantum LP240S, IBM DPES 31080

Writing in test mode and reading worked. Playing more than one Audio
Track in a row didn't work: the CD writer accepted no more commands.
Playing only one track after another was fine.

The writer sometimes reported read errors on an audio CD.

Tested by 'Bernhard Möllemann <zza@mhystic.hall.sub.org>'.
```

1.77 Compatibility.guide/CSG19

```
A1200T + Oktagon + JVC XR-W2022
-------------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     A1200 (Mikronic Tower), Blizzard 1230II/50 FPU 50, 24 MByte RAM,
     VOB Speed-up System, Toccata Audio, Cybervision 64/3D

Hostadapter:
     Oktagon 2008

IDE devices:
     Conner 420 MB HD, Western Digital 1,2 GB HD, Mitsumi FX600 (6*)
     CD-ROM

CD writer:
     JVC XR-W 2022

CD-ROM drive
     Mitsumi FX600 (6*) (ATAPI)

Other devices at the same SCSI bus:
     Artec View-Station 6000c plus
```

```
No SCSI problems at all. ISO Images are OK. Audio data can be read in
single speed only (note: probably that's the fault of the Oktagon);
reading audio data from the Mitsumi CD-ROM drive is not possible because
Mitsumi can't extract audio data. There seem to be some problems with
the XA-Mode (this might be the fault of the Oktagon, too).

Tested by 'Christian Steiner <C-Steiner@t-online.de>'.
```

1.78 Compatibility.guide/CSG20

```
A4000 + GURU-A2091 + Philips CDD 2000
-------------------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     A4000/040-40 (Cyberstorm1)

Hostadapter:
     A2091 with GURU-ROM and 1 MB RAM

CD writer:
     Philips CDD 2000

Works fine, however the image file must be located on a IDE hard disk
and not on a SCSI hard disk (connected to the A2091), otherwise the
A2091 is too slow and a buffer underrun occurs.

Tested by 'Siegfried Otto <ziggy@hit.handshake.de>'.
```

1.79 Compatibility.guide/CSG21

```
A4000/40 + Oktagon 2008 SCSI + Yamaha CDR 400
---------------------------------------------

MakeCD version:
     MakeCD 2.4

Computer:
     A4000/040 with Oktagon 2008 SCSI, OS 3.0, IDE-Fix '97 v1.3,
     setpatch v43.6 (Public Beta)

Hostadapters:
    Oktagon 2008 Z2 SCSI-2 (Rom v6.8), ID=1
          Quantum SCSI Fireball TM 2110S 300N (2GB HD), ID=2
          Yamaha SCSI CDR-400c v1.0d, ID=5

    AlfaQuatro 4 IDE devices Interface
          Seagate IDE Medalist ST32140A 0.80 (2GB HD), ID=0
```

```
          Toshiba IDE 4x CD-Rom XM-5302TA 1095, ID=3

SCSI devices:
     SoftSCSI_OktagonC9XE9.device v6.9 (31.08.95)
     Reselection disabled for all devices
     (Using reselection only for the CDR, causes it to hang!)
     Synchron Mode disabled for all devices

IDE devices:
     scsi.device v107.1 (03.06.97) ("patched" by IDE-Fix)
     or atapi.device v117.1 (03.06.97), both can be used.

CD writer:
     YAMAHA CDR400c 1.0d (MMC.driver) (this driver is named now
     CDR_SCSI3_ATAPI)

CD-ROM drive:
     TOSHIBA CD-ROM XM-5302TA 1095 (AtapiCD.driver)

Hints:
        · Use SoftSCSI_OktagonC9XE9.device v6.9 or higher. Also use
          256 KB Chunks and Intel Format for "Raw audio data".

        · Update Yamaha CDR-400c's firmware to v1.0d. Writing to Yamaha
          causes the buffer capacity to drop to 0% almost all the time!!

        · Digital Audio Extraction works at all speeds (6x-4x-2x-1x).

        · Writing at 4x speed should work always, except for on-the-fly
          writing from HD and 4x writing with audio image files!

        · Writing at 2x speed should work always.

        · Writing at 1x speed should also work always.

        · Only XA/Mode 2, Form 1 track types can't be written to the
          Yamaha, it either just stops or keeps on blinking it's LED!

        · Also copying a Mode 2 track from CD to CDR did not work!
          XA/Mode 2, Form 2 & Audio (with preemphasis) are not tested.

Tested by 'M.L. Lie <M.L.Lie@net.HCC.nl>'.
```

1.80 Compatibility.guide/CSG22

```
A1200 + Blizzard 1230/IV + Sony CDU 926S
----------------------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     Amiga 1200 + Mikronik Infinity tower and Infinity Zorro-II
     motherboard, CV64 3D, 32 MB fastram, Blizzard 1230/IV card, 1,7G
```

IBM HDD, 540MB SCSI Quantum HDD, Multiface card III, Tandem card, OS 3.0

Hostadapter:
Blizzard SCSI KIT IV (1230scsi.device ver. 8.2)

CD writer:
SONY CDU 926S 1.1a

CD-ROM drive:
Mitsumi FX 600 (6x) and Wearnes CDD 1020 (10x)

Other devices at the same SCSI bus:
Quantum LPS540S 5900 harddisk

Hints/Comments:

- When I read the audio tracks at full speed (set 0 in the settings window), it happens that they have small errors, which sounds like when a CD player is jumping a bit. I can hear it only with really good audio equipment. Since I discovered those errors, I read audio tracks with single speed only. Perhaps it's just a subjective feeling, but the tracks now seem to be OK.

- Sometimes AFS causes problems on both hard disks -- it waits for 4-8 seconds without doing anything, my tasks are hold for that time, and after that, everything works again. I didn't have these pauses when I was using FFS -- but AFS is far faster...

No SCSI hangups. 50 CDs written, 40 successful. The 10 coasters resulted in either a frozen system or in strange error messages:

- I was clicking in other windows when writing -- the system froze and I had to reboot (I am using a 16 bit deep workbench screen -- perhaps that's the reason).

- Error messages like "Medium Error 2, Illegal request" (sorry, I can't remember the exact texts) happened. My CD writer sends these error codes to MakeCD and then it refuses to finish or repair the CD-R. The strange thing is: if I don't change anything (I just insert another CD-R), it writes this CD-R without any problems. I tried 6 or 7 different CD-R types, e.g. TDK, FUJI, KOCH, even nonames, but it seems to me that it makes no difference.

- On the other hand, I never had errors like buffer overflow or underrun, even if I write straight from a HDD in MS-DOS format, from my SCSI HDD or from my AT HDD to the CD writer. Sometimes, when I try to write directory trees that contain a few thousand very small files, I have to increase the buffer size from 8.000 KB to 24.000 KB to avoid getting a buffer underrun.

- I tried to remove all my Commodities (MCP, NewMode, MagicMenu and others), but nothing changed.

Tested by 'Horváth Péter <pcpince@syneco.hu>'.

1.81 Compatibility.guide/CSG23

```
A4000 + Cyberstorm MkII + JVC XR-W2010
--------------------------------------

MakeCD version:
     MakeCD 2.4, JvcTeac.driver 9.4

Computer:
     Amiga 4000/40 40Mhz Cyberstorm MKII, 2 Mb Chip, 16 MB Fast-Ram,
     OS3.0

Hostadapter:
     CyberSCSI controller connected to the Cyberstorm board.
     cybscsi.device 8.4 beta

IDE devices:
     HD Seagate st3144AT 120 MB

CD writer:
     JVC XR-W2010

Other devices at the same SCSI bus:
          Unit | Vendor   | Product          | Revision | Comment
          -------------------------------------------------------------
          0    | MICROP   | 2217-15MZ1001905 | HQ30     | 1.7 Gbyte HD
          1    | JVC      | XR-W2010         | 1.51     |
          2    | TOSHIBA  | CD-ROM XM-3401TA | 3593     | doublespeed
          4    | MATSHITA | PD-1 LF-1000     | A109     | Phase Drive

Tested by 'Frank Arlt <frank.arlt@wiesbaden.netsurf.de>'.
```

1.82 Compatibility.guide/CSG24

```
A3000T + Philips CDD 2000
-------------------------

MakeCD version:
     MakeCD 2.4

Computer:
     A3000T, OS 3.1, Cyberstorm Mk-II 060, 64 Mb FAST (on CS), 1 Mb
     CHIP, CyberVision 64/3D, GG-II+ Zorro<>ISA converter

Hostadapter:
     A3000 built-in (scsi.device V40.12) with WD33C93A rev 8 SCSI chip
     Reselection on, Sync on

CD writer:
```

```
     IMS CDD2000/00 1.26 (Philips CDD 2000)

CD-ROM drive:
     NEC CD-ROM DRIVE:500 2.5

Other devices at the same SCSI bus:
     FUJITSU M2909S-512 0127 (hard disk 3.1 GB)
     IBM DORS-32160 WA0A (hard disk 2.1 GB)
     WANGTEK 5150ES SCSI FA03 08 (tape drive)

53 CD-Rs written, 50 successful. The three unsuccessful CD-Rs were
caused by bad media quality.

Tested by 'Arno Griffioen <arno@ixe.net>'.
```

1.83 Compatibility.guide/CSG25

```
A4000 + warpdrive.device + dkbscsi.device + Philips CDD 2000
------------------------------------------------------------

MakeCD version:
     MakeCD 2.4

Computer:
        · Amiga 4000, OS 3.1, 2Mb Chip 30Mb Fast, VBR in Fast RAM

        · 8 Zorro III Slots by Micronik

        · WarpEngine by MacroSystems (USA)
          -> 68040 processor (CPU) at 40MHz with MMU
          -> 68040 coprocessor (FPU) at 40MHz
          -> one HYUNDAI SIMM of 16Mb single sided, 60ns with parity
          chip (mounted directly on the WarpEngine, SIMM slot 'SIMM 4')
          -> three other SIMMS of 4Mb single sided, 60ns with parity
          chip (mounted directly on the WarpEngine, SIMM slots 'SIMM 3'
          to 'SIMM 1')

        · Toccata 16bit soundcard by MacroSystem

        · DKB RapidFire SCSI-II controller

        · Conner Peripherals 1.2 gig AT/IDE HD
          -> MaxTransfer = 0x1ffe0

SCSI device:
     warpdrive.device and dkbscsi.device

CD writer:
     PHILIPS CDD 2000 V1.20 -> MANUFACTURED MARCH 1996
     NOTE: I could not get the writer to work with the warpdrive.device!
     The SCSI bus was correctly terminated, yet the complete system
     locked up when I attempted to scan the warpdrive.device. I have
     tried several solutions, but this drive just would not work!
     Therefor I had to connect it to the dkbscsi.device, which works
```

```
     perfectly.

CD-ROM drive:
     PLEXTOR CD-ROM PX-12TS V1.02
     This is a fast SCSI-2 drive, 12 speed -- I use it with the
     warpdrive.device (extremely fast access time and very high
     transfer rates of upto 1.5MB/sec!).

Other devices at the same SCSI bus:
     IOMEGA Z100i ZIPDRIVE INSIDER SCSI-2 MODEL
     This one is connected to the warpdrive.device, because this is a
     fast SCSI-2 device (the dkbscsi.device is just a SCSI-2 device).
     This way you achieve the optimal access time with the ZIP drive.

System works fine. No SCSI hangups. +70 (!) CD-Rs written, 7 trashed due
to wrong settings, buffer underruns (because of wrong settings) and two
unexplainable problems ('callibration area full' errors). All the rest
were successful.

The same CD writer was also tested on an A4000 with a GVP SCSI-II
controller (V2.?? an old one!). We could only write at single speed. But
with a ROM update for the controller it should work.

Tested by Korneel Ketelslegers.
EMail via: crisp@unicall.be -- Subject: KORNEEL KETELSLEGERS
```

1.84 Compatibility.guide/CSG26

```
A4000 + z3scsi.device + Yamaha CDR 200t
---------------------------------------

MakeCD version:
     MakeCD 2.4

Computer:
     A4000, OS3.1, Cyberstorm MkI 060, Cybervision
     IDE: Quantum Bigfoot 4.3 GB
     SCSI: Quantum Fireball 1.08 GB, Iomega Zip

SCSI device:
     Fastlane Z3.
     Reading or writing audio data does not work with z3scsi.device
     v5.1034.  Everything works fine with z3scsi.device v8.5.

CD writer:
     Yamaha CDR 200t v1.0001/05/97

Everything works fine when using z3scsi.device v8.5.

Tested by 'Malte Brockmann <silrun@vmb.mcnet.de>'.
```

1.85 Compatibility.guide/CSG27

```
A3000 + Dysan CD-RW
-------------------

MakeCD version:
     MakeCD 2.5

Computer:
     A3000T, Apollo 3060, internal scsi.device, OS 3.1, 00-08 WD SCSI
     Chip.

SCSI devices:
     3 Harddisks, RESELECTION
CD writer:
     Dysan CD Re-Writable CRW-620

MakeCD does not recognize the CD writer, but changing the MakeCD driver
in the settings to "MMC.driver"  (this driver is named now
CDR_SCSI3_ATAPI) worked fine.

I have written several CD-Rs and also written some CD-RWs and formatted
CD-RWs and rewrote data without problems. Reading and writing CDDA was
also OK.

Tested by 'John Hertell <chucky@alfaskop.net>'.
```

1.86 Compatibility.guide/CSG28

```
A3000 + CyberStorm060/50 + Sony CDU 926S
----------------------------------------

Computer:
     Amiga3000 + CyberStorm060/50

SCSI devices:
     SyQuest SQ555 F3N
     SONY CD-ROM CDU-76S 1.1a
     iomega jaz 1GB H.72
     SONY CR-R CDU926S 1.1f
     IBM DORS-62160 S82C

CD writer:
     Sony CDU 926S

Using the original internal SCSI Chip "WD33C93A-PL" from WDC I had to
disable reselection for all drives, otherwise I had scsi timeouts and
transfer errors.

Using the scsi chlip "AM33C93A-20PC" from AMD these problems have
disappeared and I could reenable reselection.

This timeout problem first appeared with my IBM Harddrive using the
```

```
directscsi version of AFS so I switched back to the normal version. But
with the Sony CD Writer this problem was unavoidable. Perhaps this
problem won't appear if you don't have a IBM Harddrive.

Tested by 'Frederic Steinfels <fsteinfe@iiic.ethz.ch>'.
```

1.87 Compatibility.guide/CSG29

```
A2000 + Blizzard 2060 + Philips CDD2600
---------------------------------------

MakeCD version:
     MakeCD 2.5

Computer:
     A2000, OS 3.1, Blizzard 2060,

Hostadapter:
     2060scsi.device 7.25

SCSI devices:
     NEC 2.0 GB Harddisk: DSE2010S 031410/21/96; Synchron, Reselection
     Seagate 1.0 GB Harddisk: ST51080N 1144RJ295809; Synchron,
     Reselection
     Toshiba CD-ROM (12x): CD-ROM XM-5701TA313611/08/96; Asynchron,
     Reselection
     Mustek Paragon 800 II SP Scanner: 1.00MUSTEK M; Asynchron,
     Reselection
     Philips CDD2600 CD-R: CDD2600 1.0710/21/96M; Asynchron, Reselection

CD writer:
     Philips CDD2600

12 CD-Rs written, one failed due to user error. I had to replace
AsimCDFS 3.8 with AmiCDFS in order to copy tracks from Toshiba to CD-R
without an image on hard disk.

Tested by 'Lars Pisanec <lars_pisanec@usa.net>'.
```

1.88 Compatibility.guide/CSG30

```
A1200T + Blizzard 1230/SCSI-II Kit + Philips CDD 2000
-----------------------------------------------------

MakeCD version:
     MakeCD 2.5

Computer:
     Amiga 1200T, OS V3.0
```

```
SCSI device:
     1230scsi.device V8.2

CD writer:
     PHILIPS CDD2000 V1.25

CD-ROM drive:
     MEDIAVIS CDR-H93MV V1.31

Other devices at the same SCSI bus:
     Only CD-ROM drive and CD writer

System works fine. No SCSI hangups. 10+ CD-Rs written, all successful.

NOTE: CD-Rom drive doesn't support CDDA. I use the CD writer for making
audio file images to HD (Quantum Bigfoot 2.5 GB).

Tested by 'Sjoerd Postma <gamer@xs4all.nl>'.
```

1.89 Compatibility.guide/CSG31

```
A2000 + 2060scsi.device + Philips 2600 + Teac CD-516
----------------------------------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     A2000 Rev.6, Blizzard 2060, 2+128 RAM, ECS, Picasso II, Prelude,
     0S 3.1

SCSI device:
     2060scsi.device 8.2

CD writer:
     Philips CD 2600 1.07

CD-ROM drive:
     Teac CD-516 1.0D

Other devices at the same SCSI bus:
     0. Philips CD2600
     1. IBM DCAS-34330
     2. Quantum Lighting 730s
     3. Ulitma AT3
     4. Teac CD-516
     5. Iomega Zip-Drive
     6. IBM DORS-32160

System works fine.

NOTE: the following two CD-ROMs did not work with this system:

Pioneer CD-ROM DR-412X 1.06
```

```
          Used AtapiCD.driver, others did not work
          Read DATA : OK
          Read Audio: Supported only 12x (sometimes I had clicks)
          Read TOC  : OK
          Loud!! Even in non vibration mode.

Toshiba XM-4101B
          Used Toshiba.driver
          Read DATA : sometimes read errors in testmode
          Read Audio: sometimes read errors in testmode
          Read TOC  : OK

Tested by Michael R. Clinard, Ludenscheid, Germany (via snailmail).
```

1.90 Compatibility.guide/CSG32

```
A1200 + Blizzard + Yamaha CDR200t
---------------------------------

MakeCD version:
     MakeCD 2.5

Computer:
     A1200 Blizzard 1230 MKII 18 MB Ram / Nec 2.1 GB HD / OS 3.0

SCSI device:
     Blizzard board 0 ver: 8.1
     1230scsi.device 8.1
     softscsi from Aminet
     asynchron, no lun reselection, fwc mode on

CD writer:
     Yamaha CDR 200t

Other devices at the same SCSI bus:
     QUANTUM FIREBALL_TM3200S 300X

System works fine. 15 CD-Rs written, all successful.

Tested by 'Marc Gouttebroze <marcgout@imaginet.fr>'.
```

1.91 Compatibility.guide/CSG33

```
A4000 + GVP + Yamaha CDR200t
----------------------------

MakeCD version:
     MakeCD 2.5

Computer:
```

```
     A4000/030/50/MMU/noFPU, OS 3.1

SCSI device:
     GVP Series II SCSI Controller, ROM: (c) 1992 GVP / V4.5 / DF24
     gvpscsi.device 4.5 (07 Feb 1992) Ralph Babel

CD writer:
     Yamaha CDR 200t

System works fine. 2 CD-Rs written, both successful.

Tested by 'ALeX Kazik <alx@gmx.de>'.
```

1.92 Compatibility.guide/CSG34

```
A1200 + ATAPI-Philips CD writer
-------------------------------

MakeCD version:
     MakeCD 2.5 plus special MMC driver update (the MMC driver is named
     now CDR_SCSI3_ATAPI)

Computer:
     Amiga 1200, Blizzard 030/50MHz, OS 3.1

SCSI device:
     IDEFix, atapi.device 117.12

CD writer:
     Philips PCA267CR 1.06

Hard drives:
     Quantum Fireball_TM1280A A6B
     Conner Peripherals 210mb 6TT9

System works fine when using image files, or if all files are in same
dir in 1x speed.

Tested by 'dick@sci.fi'.
```

1.93 Compatibility.guide/CSG35

```
A4000 + MKII + Yamaha CDRW
--------------------------

MakeCD version:
     MakeCD 3.0

Computer:
     A4000, Cyberstorm MKII, OS 3.1
```

```
SCSI device:
     cybscsi.device V8.6

CD writer:
     YAMAHA CRW4260 1.0d

Other devices at the same SCSI bus:
     WDIGTL ENTERPRISE 1.80 (synchronous transfer mode)
     TOSHIBA CD-ROM XM-3701 TA 0326
     TEAC CD-ROM CD-516S 1.0G

SCSI settings:
     No reselection, synchronous transfer mode

System works fine. 25 CD-Rs written, 23 of them successful. I had to
remove Executive 2.10 to get MakeCD 3.0 to work.

Tested by 'Sven Lübke <chameleon@eanet.de>'.
```

1.94 Compatibility.guide/CSG36

```
A1200 + 1230scsi.device + Yamaha CDR 400
----------------------------------------

MakeCD version:
     MakeCD 2.5

Computer:
     A1200, 50mb ram  (1st SIMM 16mb 60ns  2nd SIMM 32mb 60ns)
     Blizzard 1260 card,  68060/60mhz (60mhz oscilator. OK!)
     Blizzard 1230-IV SCSI controller

SCSI device:
     Blizzard 1230scsi.device ver. 7.19

CD writer:
     YAMAHA CDR400tx 1.0g  31/07/97

          I knew my Yamaha FZR 1000 '90model was a blast of a motorbike
          but that Yamaha could also make one hell of a CD-burner never
          crossed my mind...  hehe... Yamaha rocks... Buy both Yamaha's
          :-) No problems with the drive itself...

CD-ROM drive:
     Plextor PX-32ts 32X UltraSCSI internal CD-ROM

          Magnificent 32x SCSI CDROM, works perfectly. Rips audio in 8x
          speed with guaranteed success according to Plextor. I tried
          ripping audio at 16x speed to RAM: Still no problems... This
          one is just awesome!

IDE drives:
     Quantum Fireball 3.2 GB UDMA EIDE HD 3.5"
```

```
     Iomega ATAPI IDE internal ZIP drive

Comments:
     Frequent SCSI hang-up's after 3-4 tracks burnt and loads of
     saucers until I turned Reselection OFF for both Plextor and
     Yamaha. You can patch 1230scsi.device to V8.x with a utility from
     Aminet called SoftSCSI and download the latest A1234.ROM from
     www.phase5.de Didn't change anything for me but perhaps for
     earlier versions of 1230scsi.device than my 7.19. Anyway... CD to
     CD, Image to CD, CD to Image all works suberb.

Tested by ``Børna' Sjulstok <borna@online.no>'.
```

1.95 Compatibility.guide/CSG37

```
A4000 + Fastlane + IMS CDD2000
------------------------------

MakeCD version:
     Version 2.5

Computer:
     A4000/040, A3640 version 3.1 30 Mhz, OS 3.1 (v40.71)

SCSI device:
     Fastlane Z3, z3scsi.device v5.1034

CD writer:
     IMS CDD2000/00 1.26 (Reselection OFF, ASync transfer mode)

CD-ROM drive:
     LiteON 24x (IDE)

About 330 CD-Rs written, 300 of them successfull. The others failed
because of a few SCSI hangups, power lost, write append errors, but most
of them were user errors.

Tested by 'Holger Hesselbarth'.
```

1.96 Compatibility.guide/CSG38

```
Draco 060 + Panasonic CW-7502
-----------------------------

MakeCD version:
     Version 3.1a

Computer:
     Draco 060 + OS 3.1
```

```
SCSI device:
     Draco SCSI, dracoscsi.device 1.1 (05.10.95), no fast transfer, no
     synchron mode

CD writers:
     MATSHITA CD-R CW-7502 3.02 (Panasonic CD-R CW7502)
     PHILIPS  CDD2600 1.07

No SCSI hangups.

Tested by 'Patrick Ohly <patrick@core.de>'.
```

1.97 Compatibility.guide/CSG39

```
A4000 + cybppc + Traxdata CDR4120
---------------------------------

MakeCD version:
     Version 3.1a

Computer:
     Amiga 4000 Mikronik, OS 3.1, PPC060.604-200 with 128MB

SCSI device:
     cybscsi.device 44.38

CD writers:
     Traxdata CDR4120

CD-ROM drive:
     Plextor 24x

Other devices at the same SCSI bus:
     HDD, Fujitsu 9,1G
     Scanner, HP 4c
     Magnetooptical DiskLW Sony 650MB

No SCSI-problems during CD-burning, only sometimes disconnect problems
with devices, but it's the cybppc.device with a lot of bugs ;)

Tests performed:

     Write-Speed: 1x/2x/4x  Normal Data and Audio
     Read-Speed : 12,2x     Audio with good data
     Write-Mode : TAO       DAO not supportet by MakeCD 3.1a
     Driver     : CDR_JVC_TEAC

Tested by 'Carsten Blatt <karatekid@gmx.de>'.
```

1.98 Compatibility.guide/CSG40

```
A1200 + mtecscsi.device + Yamaha CDR400
---------------------------------------

MakeCD version:
     Version 3.1

Computer:
     A1200, OS 3.0, 10 MB, 68030/28, 68882/14

SCSI device:
     mtecscsi.device V3.11

CD writers:
     Yamaha CDR 400 At

CD-ROM drive:
     ITE ON 20x At-BUS

Other devices at the same SCSI bus:
     IBM DCAS 2.1 GB

System works fine, no SCSI hangups. About 20 CDDAs written. 3 of them
were bad because the CD-ROM drive does not always correctly extract
audio tracks at 4x speed; it worked at 2x speed.

Tested by 'Thomas Deselaers <tdeselaers@metronet.de>'.
```

1.99 Compatibility.guide/CSG41

```
A4000 + MK I + Plextor PX-32TS
------------------------------

MakeCD version:
     Version 3.1a unregistered

Computer:
     A4000, OS 3.1, CyberSCSI MK I,

SCSI device:
     cybscsi.device 8.2

CD-ROM drive:
     Plextor PX-32TS

Other devices at the same SCSI bus:
     Quantum FIREBALL_TM2110S  300X11/01/963
     Quantum LPS340S           020B11/24/931
     Plextor PX-32TS           1.0201/13/98

Reselection is off, asynchronous transfer mode.

Tested by 'Wilfried Schott <w.schott@abo.freiepresse.de>'.
```

1.100 Compatibility.guide/CSG42

```
A1200T + Mitsumi CR-2600TE
--------------------------

MakeCD version:
     Version 2.5 - 3.1b

Computer:
     A1200T, Blizzard 1230-IV, OS 3.1

ATAPI:
     Internal IDE + IDEfix (not the original version, likely not '97)

Other devices at the same bus:
     MITSUMI CR-2600 TE v2.26
     QUANTUM FIREBALL_TM3840A A6B
     QUANTUM BIGFOOT_CY6480A A03 (reselection off)

About 30 CD-Rs written, one coaster. No hangups, but reselection for
Quantum Bigfoot must be turned off.

Tested by 'Simo Tuominen <simotit@tamagoch.evitech.fi>'.
```

1.101 Compatibility.guide/CSG43

```
A1200T + Blizzard + HP 7200
---------------------------

MakeCD version:
     Version 3.1b

Computer:
     A1200 infintiv Tower ZII Blizzard 1230-IV, OS 3.1

ATAPI:
     buddha_atapi.device V117.13

SCSI device:
     1230scsi.device V8.2 (also 8.5!)

CD writer (ATAPI):
     HP CD-Writer+ 7200 (Rev.) 2.02

Other devices at the same SCSI bus:
     IBM DORS-31080 WA6A
     PIONEER CD-ROM DR-U03S 1.01
     IOMEGA ZIP 100 D.09

About 17 CD-Rs written, all successful. No hangups.

Tested by 'Wolfgang Hosemann <whose@cww.de>'.
```

1.102 Compatibility.guide/CSG44

```
A500plus + Philips 2600
-----------------------

MakeCD version:
     Version 3.1b

Computer:
     A500plus with TURBO E-MATRIX 68030-40 Mhz+ 16 MB EDO RAM, OS 3.1

Host adapter:
     At E-MATRIX 530 TURBO-BOARD

CD writer:
     PHILIPS CDO2600 1.07

Other devices at the same SCSI bus:
     PIONEER CD-ROM DR-U 12X V1.06
     ZIP IOMEGA 100 V J.03
     QUANTUM Fireball ST.2.1S V 0F0C
     WESTERN Digital 2.5 GB

Everything works fine.

Tested by 'Pieter Daelman <videodisco.elite@planetinternet.be>'.
```

1.103 Compatibility.guide/CSG45

```
Draco + Panasonic CW-7502B
--------------------------

Computer:
     Draco 60 64MB RAM

Host adapter:
     Draco SCSI hostadapter (dracoscsi.device, fast on, synchron on)

CD writer:
     Panasonic CW-7502B

CD-ROM drive:
     Toshiba XM6201-B 32x

Everything works fine.

Tested by 'Michael Baumann <MRBMMedia@aol.com>'.
```

1.104 Compatibility.guide/CSG46

```
A4000T + CyberstormPPC + Ricoh MP6200S
--------------------------------------

Computer:
     A4000T, OS 3.1, CyberstormPPC604e/233MHz, 060/50MHz, 46MB memory

SCSI device:
     scsi.device 40.20, internal SCSI bus

CD writer:
     Ricoh MP6200S

CD-ROM drive:
     Pioneer DR-506S (for CDDA/CD-ROM reads), Toshiba CD-ROM XM3501TA

Other devices at the same SCSI bus:
     Seagate harddisk ST51080N
     IBM harddisk DCAS-32160
     Pioneer CD-ROM DR-506S
     Toshiba CD-ROM XM3501TA

System works fine.

Tested by 'Dirk Stöcker <stoecker@amigaworld.com>'.
```

1.105 Compatibility.guide/CSG47

```
A1200 + 1230.scsi.device + MATSHITA CD-R CW-7502
------------------------------------------------

Computer:
     Amiga 1200, Blizzard 1230 IV 50 MHz, SCSI Kit

CD writer:
     MATSHITA CD-R CW-7502

CD-ROM drive:
     PIONEER CD-ROM DR-U06S (SCSI2)

Other devices at the same SCSI bus:
     IBM DCAS 32160W
     QUANTUM LPS52
     IOMEGA ZIP100

System works fine. Every unit is set in Synchron mode except the ZIP
unit that can't do synchron I/O.

Tested by 'Ciro Nigri <nikocyn@sis.it>'.
```

1.106 Compatibility.guide/CSG48

```
A4000 + GVP + Yamaha CDR 400
----------------------------

MakeCD version:
     MakeCD 3.1b

Computer:
     A4000, OS 3.1, 64 MB, Apollo 4060 (66 MHz), Cybervision 64/3D,
     Seagate HDs IDE 1080/2100 MB, Lite On CD-ROM ATAPI 20x, all
     IDE/ATAPI-devices are connected to VOB SpeedUp 3.00

Hostadapter:
     GVP "A2000HC" (Series II), no RAM-Option + Guru-ROM V6.10
     (omniSCSI.device v1.10)

CD writer:
     Yamaha CDR 400t 1.0k (March 1998)

CD-ROM:
     Lite On 20x ATAPI

Settings:
     GVPSCSICtrl :  ChipDMA
     OmniSCSICtrl:  Disconnect, Synchronous, NoParity, NoSCSICmdKludges
     MakeCD      :  Parallel read/write on
     Buffer 2 MB (Mem: $703 / 1795 - Chip-RAM)
     Chunk size 100kb
     Env         :  MAKECD_READ_MODE2_RAW=1, MAKECD_BUF_MEM_TYPE=1795
     Other       :  changed some task prioritys (see hints for more)

Hints:
     At first the maximum transfer rate on the GVP was 352kb/s.That was
     enough to read / write CD-Rs safe in 2x speed. The reason for this
     slow transfer was, you can´t use DMA on the Host-Adapter without
     16bit-FastRAM (32bit-FastRAM the GVP can't use for DMA).

     After I set the Tooltype "GVPSCSICtrl ChipDMA" and the MakeCD
     environment variable "MAKECD_BUF_MEM_TYPE=1795" ($703 = 1795 =
     Attribute of ChipRAM), the maximum transfer rate increased to
     partly more than 720kb/s, because then the GVP uses ChipRAM (the
     only RAM within the 16bit-RAM area) for DMA.Although this transfer
     rate seemed to be enough for writing in 4x speed, sooner or later
     a buffer underrun appeared.

     Many long nights later I've found out,that if I raise the
     priorities of important SCSI tasks,  suddenly the whole thing
     works perfectly  (just unbelievable)! I've used a tool called
     "PriMan 2.0" for this job (Aminet/util/moni). My settings before
     and now:

     Task name                                Pri before      Pri now
     gvpscsi.device (GVP SCSI-Controller)     +5              +20
     scsi.device (VOB IDE-Controller)         +11             +20
```

```
     Using this settings,I achieve the following equal transfer rates
     with- out any buffer underrun:

     Writing in 4x speed: 690kb/s (+/-40kb)
     Reading from CD-R  : 800kb/s (+/-100kb)
     IDE-HD to Buffer   : 740kb/s (+/-40kb)

     Writing in 1x/2x/4x speed is no problem anymore, also reading data
     and audio tracks (using the CD-writer) with up to 6x speed! No
     panic about the 2MB only Chip-RAM-Buffer.  Ok, it isn't so much,
     but it works fine until now! I guess, if you change your SCSI
     priorities similar, your GVP will make it too!

     In the very next time I´ll try it again with an 8 MB extended
     GVP-Con- troller, see my then following test report, too.

     My ATAPI-CD-ROM can't read audio tracks (result: noise), but when
     I use the CD-writer for this, it works perfect.

Tested by 'Manfred Wiesert <Mr.Pampf@dw.donau-ries.de>'.
```

1.107 Compatibility.guide/CSG49

```
A4000 + GVP 8 MB + Yamaha CDR 400
---------------------------------

MakeCD version:
     MakeCD 3.2a

Computer:
     A4000, OS 3.1, 72 MB, Apollo 4060 (66 MHz), Cybervision 64/3D,
     Seagate HDs IDE 1080/2100 MB, Lite On CD-ROM ATAPI 20x, all
     IDE/ATAPI-devices are connected to VOB SpeedUp 3.00

Hostadapter:
     GVP "A2000HC+8" (Series II), 8 MB RAM-Option + Guru-ROM V6.10
     (omniSCSI.device v1.10)

CD writer:
     Yamaha CDR 400t 1.0k (March 1998)

CD-ROM:
     Pioneer DR-U 06 Slot-In 32x SCSI

Settings:
     GVPSCSICtrl :  DMA
     OmniSCSICtrl:  Disconnect, Synchronous, NoParity, NoSCSICmdKludges
     MakeCD      :  Parallel read/write on
     Buffer 8 MB (Mem: $605 / 1541 - Public Kick 24bit DMA)
     Chunk size 100kb
     Env         :  MAKECD_READ_MODE2_RAW=1, MAKECD_BUF_MEM_TYPE=1541,
     MAKECD_PRI_WRITE=20
     Other       :  changed some task prioritys (see hints for more)
```

```
Hints:
     After installing the GVP-Controller with 8 MB Fast-RAM onboard and
     using this (DMA-) RAM as buffer (see the settings obove), MakeCD
     reports a relatively equal data transfer rate (most of the time
     more than 700 kb/s). Nevertheless sooner or later a buffer
     underrun appears, especially when copying a CD with many small
     tracks.

     After setting the environment variable "MAKECD_PRI_WRITE=x"
     (x=different valu- es), the transfer rate increases to partly more
     than 1100kb/s (!), but the buffer underruns still remains.

     Many long nights later I've found out, that if I raise the
     prioritys of important SCSI-tasks, suddenly the whole thing works
     perfectly (just unbelievable)! I've used a tool called "PriMan
     2.0" for this job (Aminet/util/moni). My settings before and now:

     Task name                              Pri before      Pri now
     MakeCD_pri_write (Env-Variable)        +6              +20
     gvpscsi.device (GVP SCSI-Controller)   +5              +20
     scsi.device (VOB IDE-Controller)       +11             +20

     Using this settings,I achieve the following equal transfer rates
     without any buffer underrun:

     · Writing in 4x speed: 700kb/s (+/-20kb)
     · Reading from CD-R  : 900kb/s (+/-20kb)
     · IDE-HD to Buffer   : up to 1400kb/s (+/-100kb)
     . CD-ROM to Buffer   : up to 2100kb/s (+/-200kb)

     Writing in 1x/2x/4x speed is no problem anymore, also reading data
     and audio tracks (using the CD writer) with up to 6x speed!
     Changing these prioritys will help you  achieve similar equal
     transfer rates, if you have a GVP-Controller without 16bit FastRAM
     and so using ChipRAM for DMA, too.

Tested by 'Manfred Wiesert <Mr.Pampf@dw.donau-ries.de>'.
```

1.108 Compatibility.guide/CSG50

```
A4000 + Cyberstorm MK II + JVC XR-W2042
---------------------------------------

Computer:
     A4000 with Cyberstorm MK II, OS 3.0, cybscsi.device 8.4
     (Reselection, Asynchron, FWC mode off), V3.2b 23.12.98 (beta)

CD writer:
     JVC CD-RW XR-W2042

CD-ROM drive:
     TOSHIBA CD-ROM XM-4101TA006401/06/94

Other devices at the same SCSI bus:
```

```
     EPSON, Scanner GT5000
     IBM, Harddisk 4.3G, DCAS-34330
     Fireball, Harddisk 3.3G, TM3200S300
     Syquest, 270MB

7 CD-Rs written, all successful.

Tested by 'Andreas Gerhardt <gerhardt@online.sh.cn>'.
```

1.109 Compatibility.guide/CSG51

```
A3000 + Matshita CW-7501
------------------------

Computer:
     Amiga 3000 stock 25 MHz and Amiga 3000 with Commodore 3640 25 MHz
     (same system), OS 3.1, scsi.device 40.12

CD writer:
     MATSHITA CD-R CW-7501 2.00

Other devices at the same SCSI bus:
     QUANTUM LIGHTINIG 730S 241E

SCSI settings (reported by SetBatt and HDToolbox):
     SCSI selection timeout: ....short
     Logical units above 0: .....not accessed
     SCSI controller host ID: ...7
     Synchronous transfer: ......not initiated
     Fast synchronous transfer: .not initiated
     SCSI-2 tagged queuing: .....disabled
     Reselection: ..............on

No SCSI hangups, everything went fine.

Tested by 'Darren Ewaniuk <darrene@amitrix.com>'.
```

1.110 Compatibility.guide/CSG52

```
A4000 + GVP Serie II + Teac CD-R 55S
------------------------------------

MakeCD version:
     3.2 demo

Computer:
     Amiga 4000 D, Apollo 4040 (40 MHz), OS3.1, GVP SCSI Hostadapter
     Serie II

SCSI Hostadapter:
```

```
     GVP Serie II (A2000 HC+8 Series II) ROM Ver. 4.51

CD writer:
     TEAC CD-R55SK (Unit 2, terminated) Rev: 1.0K

CD-ROM drive:
     Toshiba XM-3801 TA Rev: 3386 (SCSI)

Other devices at the same SCSI bus:
     None

No SCSI hangups, everything went fine.

Tested by 'Sascha van Wahnem <wile.e@cityweb.de>'.
```

1.111 Compatibility.guide/CSG53

```
A4000T + internal scsi.device + Yamaha CRW4416S
-----------------------------------------------

Computer:
     Amiga 4000T, OS3.1

SCSI Hostadapter:
     Internal, scsi.device V43.24

CD writer:
     Yamaha CRW4416S 1.0b

CD-ROM drive:
     PLEXTOR CD-ROM PX-32TS 1.02

Other devices at the same SCSI bus:
     SEAGATE ST34520N 1444

System works fine. No problems.

Tested by 'Sven Börger <svenboerger@gmx.net>'.
```

1.112 Compatibility.guide/CSG54

```
A1200 + 1230scsi.device + Yamaha CRW4260
----------------------------------------

MakeCD version:
     MakeCD 3.2b beta 1

Computer:
     Amiga 1200, OS 3.0, Blizzard 1240 (68040-40Mhz)
```

```
SCSI Hostadapter:
     1230scsi.device 8.5 (using SoftSCSI)

CD writer:
     Yamaha CRW-4260 1.0q (30/10/98)

CD-ROM drive:
     Toshiba CD-ROM XM-3701TA 0236 (01/23/96)

Other devices at the same SCSI bus:
     CD-ROM drive, DEC DSP3053LS X442000044087 hard disk

Other devices (EIDE):
     Western Digital WDC AC32100H 24.0 (2.1gig)
     [Maxtransfer: 0x1fffe; SmartFileSystem 1.13]

Notes:
     · drive requires cooling, eg. in external SCSI tower
     · no problems with different sorts of media

No SCSI problems. Reselection enabled for all devices, the hard disk
used synchron mode. The EIDE hard disk was also in use.

Tested by 'Sven Hansen <hanss000@mail.uni-mainz.de>'.
```

1.113 Compatibility.guide/CSG55

```
A1200 + IDE/ATAPI + PHILIPS CDD3610
-----------------------------------

Computer:
     A1200, Blizzard 1260, 32 MB FAST RAM, OS 3.1

SCSI Hostadapter:
     Internal IDE interface, atapi.device 10.3

CD writer:
     PHILIPS CDD3610

10 CD-Rs written, 6 successful. Had to get rid of all unofficial system
patches and removed overclocking of the 060.

Tested by 'Otto Frederico Pereira de Carvalho Filho
<ottocarvalho@alternex.com.br>'.
```

1.114 Compatibility.guide/CSG56

```
A4000 + GVP 4008 SCSI + Ricoh 6200
----------------------------------
```

```
Computer:
     A4000, Cyberstorm MK II 060, 46mb RAM, PicassoIV, GVP 4008 SCSI

MakeCD version:
     MakeCD 3.2a

SCSI Hostadapter:
     Internal IDE interface, atapi.device 10.3

CD writer:
     Ricoh MP6200S

CD-ROM drive
     32x LG CDROM IDE

The LG CD ROM does not like being told what speed to read at. I set it
to zero and get 5-8 speed depending on the CD. Otherwise fine.

GVP SCSI 4008 card's gvpscsi.device patched with NSD Patch. Warning: Do
NOT set the write buffers to more than 16mb as the gvpscsi.device seems
to only use 24bit addressing and so anything more will cause the CDR to
lock up after about half a track.

12 CDs burnt, 1 CDWR burnt/erased several times. 2 coasters due to SCSI
problems mentioned.

Reselection does not seem to be an issue.

Tested by 'Paul Qureshi <paul@mc68k.demon.co.uk>'.
```

1.115 Compatibility.guide/CSG57

```
A3000 + Plextor PX-R412C
------------------------

Computer:
     A3000 within Micronik-Tower and Micronik Expansion Board, OS 3.1

MakeCD version:
     MakeCD 3.2a with ReadWrite.module 15.58 public beta

SCSI Hostadapter:
     Internal A3000 SCSI hostadapter (scsi.device V40.12 and scsi.device
     V43.23 tested) with WB Chip -06B for CD writer and CyberStorm MK
     II SCSI for other SCSI devices (cybscsi.device V8.6).

CD writer:
     Plextor PX-R412C 1.04, connected to unit 0 (might be important on
     A3000 internal SCSI device! Block jumber is _not_ installed)

CD-ROM drive
     Plextor CD-ROM PX-4XCE (connected to CybSCSI)

7 CD-Rs written, 6 successful. Connecting both, CD writer and CD-ROM
```

```
drive to the internal SCSI hostadapter caused lots of system hangups.

Tested by 'Michael Schulz <orbital@t-online.de>'.
```

1.116 Compatibility.guide/CSG58

```
A1200T + Blizzard + TEAC CD-R55S
--------------------------------

Computer:
     Amiga 1200T, Phase5 Blizzard 1240TERC, 32 MB RAM EDO, OS 3.0

MakeCD version:
     3.1a

SCSI Hostadapter:
     Blizzard SCSI Kit IV, 1230scsi.device 8.5, Async transfer mode

CD writer:
     TEAC CD writer CD-R55S Rev:1.0F (reselection on)

Other devices at the same SCSI bus:
     Hard disk FUJITSU M1606S-512 Rev:6C01 (reselection OFF)
     Hard disk SEAGATE ST52160N Rev:0285   (reselection OFF)

46 CD-Rs written, 40 successful. A lot of failures have been caused by
faulty CD-Rs, but I encountered some SCSI Hangup (mostly recoverable).

It appears that the device hangs sometimes when writing multiple tracks
on a CD (e.g. audio CD), it happens when a track has been finished and
the next one is about to begin. Usually, I have to abort the writing.
Then, I have to remove the tracks already written from the track list
and finally I re-start. Some of the CDs I wrote that way are out of
order but I succeed most of the time.

Tested by 'Stève Belleinguer <113514,1650@compuserve.com>'.
```

1.117 Compatibility.guide/CSG59

```
A1200 + Blizzard + Teac CD-R55S
-------------------------------

Computer:
     A1200 + OS 3.1 + Blizzard 1230 SCSI

MakeCD version:
     3.2a

SCSI Hostadapter:
     Blizzard 1230-IV SCSI-Kit (1230scsi.device 8.2)
```

```
CD writer:
     TEAC CD-R55S 1.0L

5 CD-Rs written, all successful.

Tested by 'Wolfgang Hosemann <whose@cityweb.de>'.
```

1.118 Compatibility.guide/CSYSB

```
Systems causing problems
========================

Here follows a list that lists all systems, that didn't work for some
users. Please note, that this list has been created by a lot of
different customers. Some of them know their Amiga very well and know
what they're writing -- others don't. Sometimes, a hardware combination
might work fine for one person and another person has a lot of trouble
with almost the same combination. Therefore, read also the list that
reports working combinations! See CD writers, which contains a lot of
information about many CD writers.

If your system is not listed in the list of bad systems, look out for
entries in that list, that apply to a system that seems to be similar to
yours, except for the CD writer. Now use Full list of CD writers to
find out if the CD writer that is used in that configuration is
compatible to your CD writer.  Often, these CD writers are not only
compatible, they are even identical -- except the label on it! That's
how you can avoid to to the same mistake as another user did before.

If you tried everything to get your system to work with MakeCD, but if
you were still unsuccessful, email us to be included in this list.
Beside the information which you are supposed to mail is when you are
successful (see above), mail an exact description, which kind of error
occurs.


  WD-Chip, Plextor    SCSI using WD chip + Plextor CD-R PX-R24CS
  Grundig CDR 100     Grundig CDR 100 IPW V1.20
  A4000, Yamaha       A4000 + MacroSystem Hardcard + Yamaha CDR 400
  A3000, Philips      A3000 + Philips CDD 2600
  Fastlane, HP 4020   A4000/40 + Fastlane + HP CD-Writer 4020
  Fastlane, Philips   A4000/40 + Fastlane + Philips CDD 2600
  A3000, Philips      A3000 + Philips CDD 2600
  A4000, Yamaha       A4000 + Oktagon + Yamaha CDR 400
  A3000, Philips      A3000 + Philips CDD 2600
  A4000, Sony         A4000 + z3scsi.device + Sony CDU 926S
  A500, Philips       A500plus + Philips 3600
  A4000, Teac         A4000 + Apollo 4040 + Teac CD-R55S
```

1.119 Compatibility.guide/CSB01

```
SCSI using WD chip + Plextor CD-R PX-R24CS
------------------------------------------

Computer:
     A1000/30, A3000, probably more

Hostadapter:
     Hostadapters using WD chip

CD writer:
     Plextor CD-R PX-R24CS V1.50

The WD Chip obviously causes problems with Plextor CD-R PX-R24CS V1.50.
However, if reselection is disabled, it seems to work. But since Plextor
uses only a very small buffer, it is "dangerous" to work without
reselection (watch the buffer display). If your source drive is
connected to a 2nd SCSI hostadapter, no problems are expected, though.
Or, if you get your data from a network (we were using Envoy
2.0/Ethernet and received our data from an A4000T), you probably won't
have problems, if the network connection is fast enough. We were able
to write in double speed with Envoy/Ethernet. We tried the Plextor in
the A4000T, too - without such problems, since the A4000T is based on
the NCR Chip and not on the WD, like the A3000 or GVP boards.

When using scsi.device version 40.20 on a A3000 (with A3640), the
machine crashed when accessing the device. We could fix this by
installing a new V43 beta scsi.device. See 'ftp://ftp.amiga.de/'.

Tested by Angela Schmidt & Heinz Wrobel.
```

1.120 Compatibility.guide/CSB02

```
Grundig CDR 100 IPW V1.20
-------------------------

Hostadapter:
     CyberSCSI + A3000 + GVP with GuruROM

CD writer:
     Grundig CDR 100 IPW V1.20

After 80 to 90 % of the writing process the error "append write error"
occurs. Philips CDD 2600 works fine on the CyberSCSI Amiga (not tested
under the other configurations). Seems to be a problem with the Grundig
CD writer.

'Note from Angela Schmidt: This write append error is a very common
hardware defekt with Philips CDD 2000, HP CD-Writer 4020, Grundig CDR
100 IPW and all similar drives. Read the FAQ. Most likely, you will
have to send in your drive to get it repaired. We recommend, never to
buy a Philips CDD 2000 or similar CD writer.'
```

```
Tested by 'Christian Berger <chb@worldpower.owl.de>'.
```

1.121 Compatibility.guide/CSB03

```
A4000 + MacroSystem Hardcard + Yamaha CDR 400
---------------------------------------------

Computer:
     A4000 Hardital Power Changer 040 at 28Mhz, 2MB chip, 16MB fast.
     8088 bridgboard (No laughing, it was free ;-) ), Mitsumi FX002D +
     Tandem.

Hostadapter:
     MakroSystems Hardcard with Fujitsu ~40MB HD evolution.device

CD writer:
     YAMAHA CDR400t 1.0c (12/03/97)

    Jumpers:
          Termination:     on    (Jumper off)
          Parity:          off   (Jumper on)
          Unit:            3
          Block Size:      2048  (Jumper off)

    Driver:
          MMC V7.8 (this driver is named now CDR_SCSI3_ATAPI)

    Comments:
          Took a while to get working due to lack of docs, i.e.
          transport info and nothing else! Thanx Yamaha! This drive is
          an excellent piece of kit.  646mb Data track at 4x speed in
          17mins! No problems encountered. Seems to enjoy any writable
          CD's up till now, very easy to feed ;-).

CD-ROM drive:
     PIONEER CD-ROM DR-U10X 1.07 ( 1996/08)

    Jumpers:
          Termination:     off   (Jumper on)
          Unit:            2
          Block Size:      2048  (Jumper off)

    Driver:
          PlextorCD V7.4

    Comments:
          Nice 10x CDROM, works perfectly but doesn't like CD's with
          sticky labels (low clearance in drive). Reads CDDA.

Hard disk:
     Seagate ST3144A 130 MB HD as boot drive.

Comments:
```

```
     Got nowhere with this. MakeCD always reported Cmd Error $52, Drive
     not ready. Tried all possible settings.

Tips:
     May be better in a Museum!

Tested by 'Glenn Mrosek <Gremlin@I-Memory.dontpanic.sub.org>, +49 571
508316'.
```

1.122 Compatibility.guide/CSB04

```
A3000 + Philips CDD 2600
------------------------

MakeCD version:
     MakeCD 1.3

Computer:
     A3000, OS 3.1

Hostadapter:
     A3000 internal, scsi.device versions 40.12, 40.20 and 43.11
     tested. Sync transfer on/off tested. Reselection on/off tested.

CD writer:
     Philips CDD 2600 (V1.07)

Other devices at the same SCSI bus:
     TOSHIBA CD-ROM XM-3401TA ROM FA31225 (March 1994)

SCSI hangups at every try, independant of the SCSI settings.

Tested by 'Jochen Koob <jkoob@wish.swb.de>': "Still looking for a
solution".
```

1.123 Compatibility.guide/CSB05

```
A4000/40 + Fastlane + HP CD-Writer 4020
---------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A4000/40, FastlaneZ3/CyberSCSI/Blizzard, OS 3.1

Hostadapter:
     Fastlane SCSI: z3scsi.device 5.820 (08/04/93).

CD writer:
```

```
     HP C4324/C4325 1.27 (07/22/96), reselection enabled, async, fwc
     mode off, scsidirect dma on.

Other devices at the same SCSI bus:
     QUANTUM FIREBALL 1280S 630C (12/20/95), reselection enabled,
     async, fwc mode on, scsidirect dma on.

SCSI hangups. Also executed 'z3scsidirectdma BUSTER11'.

The problem I have is that the HP just refuses to function with cd-r in
it that has already been written.

If I write a CD (on win95) and it finishes ok, and I insert it again to
add an extra session the green led starts flashing like normal and after
a while it should be on all the time (like it does when I insert a
normal or blank CD) but the led goes dark and the whole CD writer is
does no longer respond to anything I tell it. (in scsi mounter error
reading device) and in the PEECEE, the writer software does no longer
recognize it.

It used to function ok but one day it did not work as it should anymore.
Today I heard from someone at work that he had upgraded the firmware
form 1.20 to 1.27 and I will ask him to trie and re install 1.20 and
then check if it will work. If not its defective if it does the 1.27
firmware is worse that the 1.20.

Tested by 'Hans de Groot <hansg@3wis.nl>'.
```

1.124 Compatibility.guide/CSB06

```
A4000/40 + Fastlane + Philips CDD 2600
--------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A4000/40

Hostadapter:
     Fastlane Rev. 2.2 with ROM 5.1034

CD writer:
     Philips CDD2600 (V1.07)

CD-ROM drive:
     Toshiba CD-Rom XM 3701TA rev 0236

If reselection is on, CD writer stops writing without error message
(SCSI hangup). CD writer seems to work after switching off reselection.

Tested by 'Friedhelm Bunk <Balu@Fangorn.north.de>'.
```

1.125 Compatibility.guide/CSB07

```
A3000 + Philips CDD 2600
------------------------

MakeCD version:
     MakeCD 2.2 and 2.3

Computer:
     A3000

Hostadapter:
     scsi.device V40.12 (A3000 internal SCSI device)

CD writer:
     Philips CDD2600 (V1.07)

If reselection is off, everything seems to work, but there are buffer
underflows sometimes when reading the data from the same SCSI
hostadapter. I didn't test reading audio tracks a lot, but it seems the
Philips CDD 2600 can read audio data in 6x speed without problems --
even the last audio track.

If reselection is on, there are SCSI hangups sometimes. If you transfer
only one (e.g. ISO image) or a few (e.g. audio images) big image files,
SCSI hangups are very seldom. On-the-fly image creation however causes
SCSI hangups very often. After a SCSI hangup the SCSI LED of the A3000
is off, and you can still access your hard drives, but any try to
access the Philips CDD 2600 hangs. If you try to abort MakeCD, it
reports that the writing process is waiting for IO to be finished. That
means that the Philips did not reply to a request sent by MakeCD.

Note: you can use Heinz Wrobel's tool HWGCTRLscsi to switch on/off
reselection for the Philips CDD 2600.

Tested by 'Angela Schmidt'.
```

1.126 Compatibility.guide/CSB08

```
A4000 + Oktagon + Yamaha CDR 400
--------------------------------

Computer:
     A4000 Hardital Power Changer 040 at 28Mhz, 2MB chip, 16MB fast.
     8088 bridgboard (No laughing, it was free ;-) ), Mitsumi FX002D +
     Tandem.

Hostadapter:
     Oktagon 2008 0MB ram
     SoftSCSI_OktagonC9XE9.device (oktagon.device) V6.8

CD writer:
     YAMAHA CDR400t 1.0c (12/03/97)
```

```
    Jumpers:
          Termination:     on    (Jumper off)
          Parity:          off   (Jumper on)
          Unit:            3
          Block Size:      2048  (Jumper off)

    Driver:
          MMC V7.8 (this driver is named now CDR_SCSI3_ATAPI)

    Comments:
          Took a while to get working due to lack of docs, i.e.
          transport info and nothing else! Thanx Yamaha! This drive is
          an excellent piece of kit.  646mb Data track at 4x speed in
          17mins! No problems encountered. Seems to enjoy any writable
          CD's up till now, very easy to feed ;-).

CD-ROM drive:
     PIONEER CD-ROM DR-U10X 1.07 ( 1996/08)

    Jumpers:
          Termination:     off   (Jumper on)
          Unit:            2
          Block Size:      2048  (Jumper off)

    Driver:
          PlextorCD V7.4

    Comments:
          Nice 10x CDROM, works perfectly but doesn't like CD's with
          sticky labels (low clearance in drive). Reads CDDA.

Hard disk:
     Seagate ST3144A 130 MB HD as boot drive.

Comments:
     Everything appears to run smoothly until the 2MB buffer in the
     CDR400 is full. The drive still shows that it is writing but
     MakeCD shows that the timers and buffers are all still. Nothing
     further happens. I presume it is a SCSI hang-up. Changing
     Reselection, Sync, Parity settings have no effect, neither does
     changing buffer size, chunk size or parallel/sequential writing.
     Also impossible to Abort without power cycling the CDR400. HELP!

Tips:
     At the moment I am hoping that Oliver Kastl can come up with a
     patch for the oktagon.device, as a lot of people have this
     particular host adapter it would be nice to see it working
     properly.

Tested by 'Glenn Mrosek <Gremlin@I-Memory.dontpanic.sub.org>, +49 571
508316'.
```

1.127 Compatibility.guide/CSB09

```
A3000 + Philips CDD 2600
------------------------

MakeCD version:
     MakeCD 2.3

Computer:
     A3000/25 (ECS), 16+2 MB RAM, A2060, Ariadne, AmiTCP 4.2, Envoy 2.0,
     WShell 2.0/Display-Handler. ToolManager, Snap, SegTracker,
     Kiskometer, DMouse, rload, UMS, OS 3.1 (KS 40.70, WB 40.42)

Hostadapter:
     scsi.device V40.20 (A3000 internal SCSI device)

CD writer:
     Philips CDD2600 (V1.07)

Other devices at the same SCSI bus:
     Quantum LP240S, IBM DPES 31080

The A3000 sometimes doesn't boot with the writer connected. Usually
after such a hangup one of the hard drives is "dead" and I have to
switch off the A3000.

Writing data (in test mode) seems to hang up the writer. After that,
the writer didn't respond to any command.

Tested by 'Bernhard Möllemann <zza@mhystic.hall.sub.org>'.
```

1.128 Compatibility.guide/CSB10

```
A4000 + z3scsi.device + Sony CDU 926S
-------------------------------------

MakeCD version:
     MakeCD 2.4

Computer:
     A4000, OS 3.1

Hostadapter:
     Fastlane (z3scsi.device 5.992)

CD writer:
     SONY CD-R CDU 926S 1.1f

Settings:
     Dynamicache (and tested with and without it -- no difference).

     Tried all possible combinations of reselection and parallel
     read/write.  Got buffer overflow errors while reading an audio CD
```

```
     (YACDP reads with no hangups).

     Note by the authors: turn on 'ignore overflow' in the MakeCD
     settings.

Other devices at the same SCSI bus:
     MICROP 4421 -07 0502SJ 0502 (internal 2 GB)
     MAXTOR 7245-SCSI 1357   (internal 275 MB)

Wrote 2 CDs, both coasters.

Writing a data CD interrupted at about 10 % with an 'illegal function'.
Writing at single speed works better because it does not cause the
'illegal function' as often as double speed.

Note by the authors: maybe some of his problems can get fixed by
updating his z3scsi.device!

Tested by 'James Killian <terminator@stic.net>'.
```

1.129 Compatibility.guide/CSB11

```
A500plus + Philips 3600
-----------------------

MakeCD version:
     Version 3.1b

Computer:
     A500plus with TURBO E-MATRIX 68030-40 Mhz+ 16 MB EDO RAM, OS 3.1

Host adapter:
     At E-MATRIX 530 TURBO-BOARD

CD writer:
     SCSI-CD rewritable-2X2X6 2.00 (Philips CDD3600)

Other devices at the same SCSI bus:
     PIONEER CD-ROM DR-U 12X V1.06
     ZIP IOMEGA 100 V J.03
     QUANTUM Fireball ST.2.1S V 0F0C
     WESTERN Digital 2.5 GB

Any try to write a CD leads to error messages.

Tested by 'Pieter Daelman <videodisco.elite@planetinternet.be>'.
```

1.130 Compatibility.guide/CSB12

```
A4000 + Apollo 4040 + Teac CD-R55S
----------------------------------

Computer:
     Amiga 4000 D, Apollo 4040 (40 MHz), OS3.1

SCSI Hostadapter:
     Apollo 4040 SCSI device

CD writer:
     TEAC CD-R55SK (Unit 2, terminated) Rev: 1.0K

CD-ROM drive:
     Toshiba XM-3801 TA Rev: 3386 (SCSI)

Other devices at the same SCSI bus:
     None

Burning with this SCSI hostadapter seems to be impossible. Be careful!

Tested by 'Sascha van Wahnem <wile.e@cityweb.de>'.
```