

# **Compatibility**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> Compatibility		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		February 12, 2023	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## Compatibility

### 1.1 english/FD/Compatibility.guide

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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This document consists of the following parts:

Introduction  
    Introduction to the Compatibility List

CD Writers  
    CD writers

CD-ROM drives  
    CD-ROM drives

CD-Rs  
    Experiences with CD-Rs

---

Working systems  
Users telling about with working systems

Bad systems  
Users complaining about bad systems

## 1.2 Compatibility.guide/CINTR

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 problems  
Known problems with MakeCD drivers

Contributions  
Contributing to this list

## 1.3 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.

## 1.4 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 successful? (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 a track 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. Can you select the different writing speeds supported by the writer?
- Use the settings window to set the speed.  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.

## 1.5 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 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

Detailed infos  
    CD writer information list

Test protocols  
    CD writer test protocol list

## 1.6 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.

Ricoh MP6200S (recommended)

This is a new (as of 7/97) CD-RW drive. If you'd 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 CD50S (?)

We never had such a drive, but the users who have one seem to be happy with it.

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 hostadapter. 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.

## 1.7 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\_Panasonic or CDR\_MMC\_ATAPI.

Untested! Will most likely work.

Based on Panasonic CW-7502.

See

Panasonic CW-7502

.

(U) Creative Labs CDR2000:

Not yet supported. Programmer documentation in order. No promises, though.

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\_MMC\_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 CDR\_MMC\_ATAPI.  
Tested by customers of MakeCD.  
Based on Ricoh MP6200S.  
See

Ricoh MP6200S

.

(t) Freecom CD-Writer:  
Probably supported by MakeCD. Driver CDR\_MMC\_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:  
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\_MMC\_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\_MMC\_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\_MMC\_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\_MMC\_ATAPI.

Untested! We hope it will work.

Based on Philips CDD 3610, internal, ATAPI, US version.

See

Philips CDD 3600

.

(?) 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.

Untested!

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

.

(?) 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\_Panasonic or CDR\_MMC\_ATAPI.  
Untested! Will most likely work.  
Based on Panasonic CW-7502.  
See

Panasonic CW-7502

.

(?) MDI CD Writer:

Unknown.

(?) 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\_MMC\_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) 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\_MMC\_ATAPI.  
Untested! Will most likely work.  
Based on Yamaha CDR 400.  
See  
    Yamaha CDR 400  
    .
- (U) Mitsumi CDR 2201CS:  
Not supported.  
See  
    Mitsumi CDR 2201CS  
    .
- (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:  
Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Untested! We hope it will work.  
See  
    Mitsumi CR-2600TE  
    .
- (?) 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 CDS615E:  
Unknown. Try CDR\_Sony driver.  
Most likely based on a Sony CD writer.
- (?) Olympus CDS620E:  
Unknown. Try CDR\_Sony driver.  
Most likely based on a Sony CD writer.
- (?) Olympus CDS630E:  
Unknown. Try CDR\_Sony driver.  
Most likely based on a Sony CD writer.
- (?) 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  
    .
- (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\_Panasonic or CDR\_MMC\_ATAPI.  
Untested! Will most likely work.  
See  
    Panasonic CW-7502  
    .
- (T) Philips CDD 2000:  
Supported by MakeCD. Driver CDR\_Philips\_2000.  
Tested by the authors of MakeCD.  
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:  
Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Untested! We hope it will work.  
See  
    Philips CDD 3600  
    .
- (t) Philips CDD3610:  
Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Untested! We hope it will work.  
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

.

(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.

Untested! Might cause problems because of firmware bugs.

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\_MMC\_ATAPI.

This is a 2x write 6x read CD-RW drive with 1 MB buffer.

(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

.

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- (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.  
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\_Panasonic or CDR\_MMC\_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\_MMC\_ATAPI.  
External drive.  
Untested! We hope it will work.  
See  
    Plextor PlexWriter 4/12  
    .
- (t) Plextor PX-R412Ci:  
Supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Internal drive.
-

Untested! We hope it will work.

See

Plextor PlexWriter 4/12

.

(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\_MMC\_ATAPI.

Untested! Will most likely work.

New drive that supports CD-Rs and CD-ReWritable media.

Based on Ricoh MP6200S, IDE interface

See

Ricoh MP6200S

.

(T) Ricoh MP6200S:

Supported by MakeCD. Driver CDR\_Ricoh\_6200 and CDR\_MMC\_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\_MMC\_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\_MMC\_ATAPI.

Untested! Will most likely work. Based on Ricoh MP6200S.

See

Ricoh MP6200S

.

(U) Ricoh RO1060C:

Not yet supported. Programmer documentation in order. No promises, though.

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 yet supported. Programmer documentation in order. No promises, though.

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

.

(U) Smart & Friendly CDR2001:

Unknown.

(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.

Untested! Will most likely work.

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\_MMC\_ATAPI.  
Untested! Will most likely work.  
Based on Yamaha CDR 400.  
See

Yamaha CDR 400

.

- (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

.

- (?) Sony CDU928E:  
Unknown. Try drivers CDR\_Sony and CDR\_MMC\_ATAPI.  
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 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 Spresa 9211:

Supported by MakeCD. Driver CDR\_Sony.  
Untested! Will most likely work.  
Based on Sony CDR 920S, external case.  
See

Sony CDU920S

.

(t) Sony Spresa 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 Spresa 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

.

(?) TEAC CD-R55S:

Might be supported by MakeCD. Try driver CDR\_JVC\_Teac and  
CDR\_MMC\_ATAPI.

Untested! Might work.

- (t) Traxdata CDR 2600:  
Probably supported by MakeCD. Driver CDR\_Philips\_2600 or CDR\_MMC\_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 4600:  
Supported by MakeCD. Driver CDR\_MMC\_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\_MMC\_ATAPI.  
Untested! We hope it will work.  
Based on Traxdata CDRW 2260.
- (t) Traxdata CDERW 4260:  
Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Untested! We hope it will work.  
Based on Traxdata CDRW 4260.
- (t) Traxdata CDRW 2260:  
Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Untested! We hope it will work.  
Based on a ReWritable drive.
- (t) Traxdata CDRW 4260:  
Probably supported by MakeCD. Driver CDR\_MMC\_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  
    .
- (?) Wearnes CDR 432:  
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

.

(?) Wearnes CDR 622:

This is an ATAPI drive, 6x read, 2x write.  
Unknown.

(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\_MMC\_ATAPI.  
Tested by customers of MakeCD.

See

Yamaha CDR 200

.

(T) Yamaha CDR 400c:

Supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Tested by the authors of MakeCD.

Caddy version

See

Yamaha CDR 400

.

(T) Yamaha CDR 400t:

Supported by MakeCD. Driver CDR\_MMC\_ATAPI.  
Tested by the authors of MakeCD.

Tray version

See

Yamaha CDR 400

.

(T) Yamaha CDR 400tx:

Supported by MakeCD. Driver CDR\_MMC\_ATAPI.

Tested by customers of MakeCD.

External version with tray

See

Yamaha CDR 400

.

(t) Yamaha CDR 401t:

Supported by MakeCD. Driver CDR\_MMC\_ATAPI.

Untested! Will most likely work.

ATAPI version of Yamaha CDR 400.

See

Yamaha CDR 400

.

(t) Yamaha CD-RW 4001:

Probably supported by MakeCD. Driver CDR\_MMC\_ATAPI.

Untested! Will most likely work.

See

Yamaha CD-RW 4001

.

## 1.8 Compatibility.guide/CDR\_INFO\_LIST

CD writer information list

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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

Mitsumi CDR 2201CS

Mitsumi CR-2600TE

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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  
TEAC CD-R50S  
Yamaha CDR 100  
Yamaha CDR 102  
Yamaha CDR 200  
Yamaha CDR 400  
Yamaha CD-RW 4001

## 1.9 Compatibility.guide/CDR\_JVCXRW1001

JVC XR-W1001

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## 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.

## 1.10 Compatibility.guide/CDR\_JVCXRW2001

JVC XR-W2001

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## Summary:

```
Reading speed.....: 2x
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.....: 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.

---

## 1.11 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.

## 1.12 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.

## 1.13 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 Mitsumi's information. Further information is welcome.

## 1.14 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...: 2.16 (2=hardware; 16=firmware version)  
Supports Disk At Once.....: No, but TAO without GAP  
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.

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

- Freecom CD-Writer

MakeCD should support this CD writer (untested). Try driver CDR\_MMC\_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.

## 1.15 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.

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.

## 1.16 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...: <unknown>  
 Supports Disk At Once.....: Yes  
 Supports Packet Writing...: Yes  
 Release date.....: 5/1997  
 Interface.....: SCSI-2  
 Comments.....: <none>

This CD writer is said to be very reliable.

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\_Panasonic Test Protocol  
     . See  
     CDR\_MMC\_ATAPI Test Protocol  
     .

This node has been written by Angela Schmidt. We never had a Panasonic CW-7502 here to test, so all information is based on customer's information and from Plasmon. Further information is welcome.

## 1.17 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

```
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.

---



## 1.18 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

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.

## 1.19 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
```

The following drives are based on Philips CDD 3600:

- Philips CDD3610 (EIDE/ATAPI)

See

```
Al200 + ATAPI-Philips CD writer
. (working)
```

MakeCD should support this CD writer (untested). Try driver  
CDR\_MMC\_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.

## 1.20 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 perform 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.

## 1.21 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.

## 1.22 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.

## 1.23 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.

## 1.24 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...: <unknown>
Supports Disk At Once.....: Yes
Supports Packet Writing...: Yes
Release date.....: <unknown>
Interface.....: Fast SCSI
Comments.....: <none>

```

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

MakeCD should support this CD writer (untested). Try driver  
 CDR\_MMC\_ATAPI.

This node has been written by Angela Schmidt. We never had a Plextor  
 PX-R412C to test. All information is based on information from Plextor.  
 Further information is welcome.

## 1.25 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

```

MakeCD supports this CD writer. See  
 CDR\_Ricoh\_6200 Test Protocol  
 . See

CDR\_MMC\_ATAPI Test Protocol  
 .

See

A3000 + Dysan CD-RW  
 . (working)

The following drives are based on Ricoh MP6200S:

- DynaTek CDE260R
- Dysan CD-ReWritable CRW-620
- Microboards PlayWrite 2060R
- Ricoh MP6200I (IDE interface)
- Ricoh MP6201S (Caddy version, 2 MB)
- Ricoh MP6211S

This node has been written by Angela Schmidt.

## 1.26 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 yet support this CD writer. Programmer documentation is in order. No promises, though.

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.

## 1.27 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.

## 1.28 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...: <unknown>
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.

---

## 1.29 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 Sprensa 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.

## 1.30 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 Spresa 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.

### 1.31 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

Amiga3000 + 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 Spresca 9611 (probably)
- Smart & Friendly CDR2006

MakeCD supports this CD writer. See  
 CDR\_Sony Test Protocol  
 .

This node has been written by Angela Schmidt.

## 1.32 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\_MMC\_ATAPI and CDR\_Sony.

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.

---

### 1.33 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.

### 1.34 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.

### 1.35 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.

---

## 1.36 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...: 1.0i (as of 11-Nov-1997)
Supports Disk At Once.....: Yes
Supports Packet Writing...: Yes
Release date.....: 6/1997
Interface.....: SCSI-2
Comments.....: <none>

```

See

```

A4000 + z3scsi.device + Yamaha CDR 200t
. (working)

```

See

```

A1200 + Blizzard + Yamaha CDR200t
. (working)

```

See

```

A4000 + GVP + Yamaha
. (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\_MMC\_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.

## 1.37 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...: 1.0i (as of 11-Nov-1997)
Supports Disk At Once.....: Yes
Supports Packet Writing...: Yes
Release date.....: 2/1997
Interface.....: SCSI-2
Comments.....: Also available as IDE version

```

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

```

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_MMC_ATAPI Test Protocol
.

```

This node has been written by Angela Schmidt.

## 1.38 Compatibility.guide/CDR\_YAMAHACDRW4001

Yamaha CD-RW 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...: <unknown>
Supports Disk At Once.....: <unknown>
Supports Packet Writing...: Yes
Release date.....: 7/1997
Interface.....: SCSI-2
Comments.....: <none>
```

MakeCD most likely will support this CD writer. Try driver CDR\_MMC\_ATAPI.

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

### 1.39 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_MMC_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
```

### 1.40 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  
Read data track: .....OK? <not yet tested>  
(somebody else reported it works)  
Read audio track: .....OK  
Write data track: .....OK  
Write audio track: .....OK? <not yet tested>  
(somebody else reported it works)  
Writing speeds: .....<not yet tested>  
Fix session: .....<not yet tested>  
Fix CD-R: .....<not yet tested>  
Repair track: .....<probably not supported by CD writer>  
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  
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  
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.)  
DAO: write audio:.....<not supported by CDR\_JVC\_Teac driver>  
DAO: raw data:.....<not supported by CDR\_JVC\_Teac driver>

```

DAO: cooked data:.....<not supported by CDR_JVC_Teac driver>
DAO: copy XA/Mode2:....<not supported by CDR_JVC_Teac driver>
Writing speeds: .....OK
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)
Repair track: .....<not supported by CD writer>
Tested by: .....Patrick Ohly

```

Using drive 'JVC XR-W2010 1.51'

```

Table of Contents: ....OK
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
Repair track: .....<not supported by CD writer>
Tested by: .....Frank Arlt <frank.arlt@wiesbaden.netsurf.de>

```

## 1.41 Compatibility.guide/CDR\_TST\_MMC

Test of MakeCD driver 'CDR\_MMC\_ATAPI'  
.....

Using drive Yamaha CDR 400:

```

Table of Contents: ....OK
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 yet tested>
Tested by: .....Patrick Ohly

```

Using drive YAMAHA CDR200t 1.0h:

```

Table of Contents: ....OK
Test mode: .....<not tested>
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: .....Marc Gouttebroze <marcgout@imaginet.fr>
```

Using drive YAMAHA CDR200t 1.0g:

```
Table of Contents: ....OK
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: .....<not tested>
Quick erase CD-RW:.....<not supported by CD writer>
Complete erase CD-RW:..<not supported by CD writer>
Repair track: .....OK
Tested by: .....ALeX Kazik <alx@gmx.de>
```

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:.....<requires CDR_Ricoh6200 driver>
DAO: cooked data:.....<not supported by drive>
DAO: write audio:.....<requires CDR_Ricoh6200 driver>
DAO: copy XA/Mode2:....<requires CDR_Ricoh6200 driver>
SAO: non empty CD:.....<not supported by drive>
SAO: fix session:.....<not supported by drive>
Writing speeds: .....<not yet tested>
Quick erase CD-RW:.....<not yet tested>
Complete erase CD-RW:..<not yet tested>
Erase last session:....<not yet tested>
Erase last track:.....<not yet tested>
Erase fixation:.....<not yet tested>
Complete erase CD-RW:..<not yet tested>
Repair track: .....<not yet tested>
Read data track: .....OK
Read audio track: .....OK
Tested by: .....Angela Schmidt
```

## 1.42 Compatibility.guide/CDR\_TST\_PANASONIC

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

```
<list still empty>
```

---

### 1.43 Compatibility.guide/CDR\_TST\_PHILIPSCDD2000

Test of MakeCD driver `CDR\_Philips\_2000`

.....

Using drive Philips CDD 2000:

```
Table of Contents: ....OK
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 yet tested>
Tested by: .....Patrick Ohly
```

Using drive HP CD-Writer 4020i:

```
Table of Contents: ....OK
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 yet tested>
Tested by: .....<unknown>
```

Using drive `IMS CDD2000/00 1.26`

```
Table of Contents: ....OK
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 yet tested>
Tested by: .....Arno Griffioen <arno@ixe.net>
```

### 1.44 Compatibility.guide/CDR\_TST\_PHILIPSCDD2600

Test of MakeCD driver `CDR\_Philips\_2600`

```
.....

Using drive 'HP CD-Writer 6020 V1.07 (10/21/96)':
  Table of Contents: ....OK, but wrong sessions (MakeCD < V2.3)
  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 yet tested>
  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
  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: .....OK
  Tested by: .....Paul Kerwin <pkerwin@thenet.co.uk>

Using drive 'PHILIPS CDD2600 1.07':
  Table of Contents: ....OK
  Test mode: .....OK
  Read data track: .....OK
  Read audio track: .....<not yet tested>
  Write data track: .....OK
  Write audio track: ....OK
  Writing speeds: .....OK (tried 1 for audio track, 0 for other)
  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 yet tested>
  Tested by: .....Hermann Doerries <h_dorries@wilam.north.de>

Using drive 'CDR_Philips_2600, 1.07 10/21/96'
  Table of Contents: ....OK
  Test mode: .....OK
  Read data track: .....OK
  Read audio track: .....OK (track full of errors)
  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: .....OK
Tested by: .....Lars Pisanec <lars_pisanec@usa.net>

```

## 1.45 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
  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 supported by CD writer>
  Tested by: .....Angela Schmidt

```

```

Using drive `RICOH RO-1420C 1.62 (19961031)':
  Table of Contents: ....OK
  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: .....<not yet tested>
  Quick erase CD-RW:.....<not supported by CD writer>
  Complete erase CD-RW:..<not supported by CD writer>
  Repair track: .....<not supported by CD writer>
  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
  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 supported by CD writer>
  Tested by: .....Torsten Buecheler <mac@cs.uni-sb.de>

```



## 1.46 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 drive>
DAO: write audio:.....OK
DAO: copy XA/Mode2:.....<not tested>
SAO: non empty CD:.....<not supported by drive>
SAO: fix session:.....<not supported by drive>
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
```

## 1.47 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
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: .....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)
Read data track: .....OK
Read audio track: .....OK
Write data track: .....OK
Write audio track: ....OK
Writing speeds: .....OK
Fix session: .....OK (not possible in test mode)
Fix CD-R: .....OK (not possible in test mode)
Quick erase CD-RW:.....<not supported by CD writer>
Complete erase CD-RW:..<not supported by CD writer>
Repair 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.

## 1.48 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
Read data track: .....OK
Read audio track: .....OK (drive supports single and double speed only)
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 supported by CD writer>
Tested by: .....Angela Schmidt
```

## 1.49 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 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 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_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 1.0D'  
    Table of Contents: ....OK  
    Read data track: .....OK  
    Read audio track: .....OK  
    Tested by: .....Paul Kerwin <pkerwin@thenet.co.uk>  
  
  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_dorries@wilam.north.de>  
  
Using MakeCD driver "CD_Sony":  
  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 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-3501TA 1875':

Table of Contents: ....OK

Read data track: .....OK

Read audio track: .....OK (drive supports single speed only)

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

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>

## 1.50 Compatibility.guide/CCDRS

Experiences with CD-Rs  
=====

During our tests and during writing MakeCD, we had a lot of different CD-Rs of a lot of different companies to burn. Some CD-Rs cause problems with some CD-ROM drives (e.g. with Toshiba). Others don't cause these problems. However, it has shown that the quality of the media changes frequently, so a CD-R compatibility list does not make much sense. That's why we have removed it from this list. The last list is contained in the MakeCD 2.5 archive. Please don't ask us for this list any longer.

## 1.51 Compatibility.guide/CSYSG

Working systems  
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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

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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  
Amiga3000 + CyberStorm060/50 + Sony CDU 926S

A2000, Philips  
A2000 + Blizzard 2060 + Philips CDD2600

A1200T, Philips  
A1200T + Blizzard 1230/SCSI-II Kit + Philips CDD 2000

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A2000, Philips  
A2000 + 2060scsi.device + Philips 2600 + Teac CD-516

A1200, Yamaha  
A1200 + Blizzard + Yamaha CDR200t

A4000, Yamaha  
A4000 + GVP + Yamaha

A1200, Philips  
A1200 + ATAPI-Philips CD writer

## 1.52 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 0xffffffffc, 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.

## 1.53 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.

## 1.54 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>'.

## 1.55 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>'.

## 1.56 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>'.

## 1.57 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>'.

## 1.58 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>'.

## 1.59 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)'.

## 1.60 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

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

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

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## 1.61 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>'.  

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## 1.62 Compatibility.guide/CSG11

A1200 + dkbscsi.device + Philips CDD 2000  
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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

## 1.63 Compatibility.guide/CSG12

A4000 + Cyberstorm MK II + PhilipsCDD 2600

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MakeCD version:  
MakeCD 2.2

Computer:

A4000 with Cyberstorm MK II 68060/50 MHz card and CyberVision 2MB

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video card, OS 3.1

SCSI device:

cybscsi.device 8.1 -- CyberSCSI controller connected to Cyberstorm  
card  
Reselection on, asynchronous 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.

## 1.64 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>.

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## 1.65 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>'.

## 1.66 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

## 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'.

## 1.67 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

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'.

## 1.68 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>'.

## 1.69 Compatibility.guide/CSG18

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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>'.

## 1.70 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>'.

## 1.71 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>'.

## 1.72 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)

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>'.

## 1.73 Compatibility.guide/CSG22

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

MakeCD version:  
MakeCD 2.3

Computer:

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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>`.

## 1.74 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>`.

## 1.75 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>'.

## 1.76 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

## 1.77 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>'.  

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## 1.78 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" 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>'.

## 1.79 Compatibility.guide/CSG28

Amiga3000 + 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 chip "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 Steinfeld <fsteinfe@iic.ethz.ch>'.

## 1.80 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>'.

## 1.81 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>'

## 1.82 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,  
OS 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).

### 1.83 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>'.  
-----

### 1.84 Compatibility.guide/CSG33

A4000 + GVP + Yamaha  
-----

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>'.

## 1.85 Compatibility.guide/CSG34

A1200 + ATAPI-Philips CD writer  
-----

MakeCD version:

MakeCD 2.5 plus special MMC driver update

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'.

## 1.86 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

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## 1.87 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.

## 1.88 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.'

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

## 1.89 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

### 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'.

## 1.90 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".

## 1.91 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>`.

## 1.92 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>`.

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## 1.93 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'.

## 1.94 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)

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## Jumpers:

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

## Driver:

MMC V7.8

## 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'.



## 1.95 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>'.

## 1.96 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

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(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>'.

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