

**Default**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> Default		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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# Chapter 1

## Default

### 1.1 MegaCdPlayer Copyright © 1996-1997 Steven Ross

MegaCdPlayer V2.7 Copyright © 1996-1997 Steven Ross

Introduction                      New V2.2-7                      How to install

Cd Player Buttons (GUI)                      CD32 JoyPad/Joystick

Menu's                      System requirements

Author                      Wanted Cd Lists                      Lastest Versions

History                      ConvertCdId Program                      Bug Report                      Thanks To

Distribution                      Disclaimer

### 1.2 New for V2.7 to V2.2

Fix fault in Track Position Prop, Speed and Preview See HistoryV2.7

Added Track Index number display (V2.7) See Track/Index Display

Made MegaCdPlayer recognize Converted CdId Index files (V2.7)

Made a Program to convert CdId collection to MegaCdPlayer Index/Title files, So you can now see the CdId files with the Menu show command.

Made Show Menu Command Sorting 20x faster (V2.6)  
(3800 cd's Used to take 10mins now takes around 25secs)

Added Show Menu Command Search (V2.6)

Made MegaCdPlayer Recognise CdId's Collection list's  
so if MegaCdPlayer cannot find a cd on it's own list it will look on CdId's

list for a match, If found on CdId's list this cd's info will be put on MegaCdPlayers list. (V2.5 Feb)

Added Adjustable number of Cd Track Name lines (V2.5)

Added SaveGuide (V2.4)

Added Show Menu Command (V2.4)

Added Reset Current CD Played Count (V2.3)  
Reset All CD's Played Counts

Added CDTOPTen Menu Command (V2.3)

Added Continuous Play Mode (V2.3)

Added CD32 Joypad/Joystick control (V2.3)

Font Problems all fixxed: See History

## 1.3 Lastest Versions Available

Future features to add soon, Here's a short list:

- 1) Merge Cd Title/Index database files (Now Has)
- 2) Improved Search (Now has)
- 3) Joypad control (Now has)
- 4) Large Digit timer display option (Now has)
- 5) Viewer to show all Cd's Title/Index database (Now has)
- 6) Cd HiFi Look Front End option
- 7) Save Title list as Amiga Guide format (Now has)
- 8) REXX Interface

You can get the lastest version of MegaCdPlayer from me by sending me one 3.5" Disk and £2 in Cash Pounds Sterling Only.

Send To: Author

Wanted Cd Lists

## 1.4 cddatabaselists

Wanted Your MegaCdPlayer Cd List files especially if Large!

If anybody out there has large Index/List MegaCdplayer database Cd files as saved by MegaCdPlayer (or any Large interplay.list files)

Please sending them to me on a amiga disc so i can then combine these to make one large Cd list, which will then put out with future releases of MegaCdPlayer.

---

You can save your MegaCdPlayer Cd List files to disc by using the Menu Command in the 'Editing' section.

Editing

  Edit

  Database

    Merge Index & List

    Save Index & Title   <--- Use this Menu Command

    Merge Interplay List

    Check Index & List

Please send disc To:  Author

## 1.5  bugreport

If you encounter a bug in MegaCdPlayer,  
  or have anything else to say about it.

Write to:  Author

## 1.6  Thanks Too

Piotr Pawlow  Warszawa, Poland

Hope you like the new Continuous Play Mode, No more small pauses when  
playing Pink Floyd!

Robert Crawshaw  Golcar, Huddersfield

V2.3 Its better now maybe 1000001% better Now Yeh!

## 1.7  Distribution of this Software

Distribution

=====

This version of MegaCdPlayer is NOT Public Domain, but  
you may spread it as you like. MegaCdPlayer may be put on  
non-profit PD archives like Fred-Fish, AmiNet etc, but I would  
like you to contact me if you do wish to include it in your  
compilation (And that goes for all you CoverDisk Makers).

If you like this program and want it to be developed, please mail  
me and tell me you like it.

This program package must only be spread with its full contents.

/MegaCdPlayer/MegaCdPlayer

/MegaCdPlayer/Mega\_CdPlayer

/MegaCdPlayer/Mega\_CdPlayer.info

/MegaCdPlayer/MegaCdPlayer.Guide

/MegaCdPlayer/MegaCdPlayer.Guide.info

---



```

/MegaCdPlayer/Install_Prefs_Fonts
/MegaCdPlayer/Install_Prefs_Fonts.info
/MegaCdPlayer/DataStore/Index
/MegaCdPlayer/DataStore/Index.Def
/MegaCdPlayer/DataStore/Title
/MegaCdPlayer/DataStore/Title.Def
/MegaCdPlayer/DataStore/GuideIcon      (New V2.4)
/MegaCdPlayer/env/Prefs
/MegaCdPlayer/env/Prefs.def
/MegaCdPlayer/Font/MegaCd/16
/MegaCdPlayer/Font/MegaCd/18
/MegaCdPlayer/Font/MegaCd.info

```

## 1.8 Installation of MegaCdPlayer

How to install MegaCdPlayer  
 =====

Installation of MegaCdPlayer is quite easy.

Move MegaCdPlayer Drawer to your Hard drive,

Then Click on the Install\_Prefs\_Fonts Icon this will copy all the system files needed by MegaCdPlayer (Prefs & Fonts).

Converting Interplay Format Cd List's  
 -----

You can Convert Interplay's Format Cd file list files,

By Using MegaCdPlayer's Menu command:

```

Edit
  Database
    Merge InterPlay List

```

## 1.9 System requirements

System requirements  
 =====

Amiga with kick 3.0 or higher  
 Cd32 + SX-1 Or Overdrive CD-Rom or compatible (i.e. SCSI CD-Rom drives ect;)

Library's Required  
 -----

lowlevel.library - Only needed if you want CD32 JoyPad/Joystick control  
 (in Rom on CD32 , Can be found on most CD32 Cd's)

Asl.library - Needed for Filerequester's

---

## 1.10 Menu

The Pull Down Menu  
 ^^^^^^^^^^^^^^^^^

```
Project  Editing      Preferences CD Charts
Hide     Edit         Prefs      CDTopTen
Show     DataBase  Merge Index & Title
About           Save Index & Title
Quit      Merge InterPlay List
          Check Index & Title

          Reset Current CD Played Count
          Reset All CD's Played Counts
```

## 1.11 Merge Index & Title

Merge's two different Index & Title database file together to form one larger database.

When a Merge is made any Cd's that are allready in your database will not be added.

By Merge-ing your friends MegaCdPlayer database files you can save yourself a lot of typing.

## 1.12 Save Index & Title

Save Index & Title database files, So you can Merge them with your mates.

## 1.13 Merge InterPlay List

Merge Interplay list format file and convert to MegaCdPlayers format.

This menu command first converts the Interplay format to MegaCdPlayers format and then save's the result files into Ram: then these files are merged into the MegaCdPlayer's database files.

## 1.14 Check Index & Title

This Check's MegaCdPlayers Index & Title files for any errors.

The Check's that are made are:

```
Index File Header
Index File size match match number of Cd's
```

---

Index File Cd's have <100 tracks  
Title File Header

Along with a lot of other checks..

## 1.15 Menu Reset Current CD Played Count

This will Reset the Current Cd Played Count that is keep by MegaCdPlayer to Zero.

This is usefully if you wish to take out a Cd from the Top Ten Chart.

## 1.16 Menu Reset All CD's Played Counts

This will Reset ALL Cd Played Counts records keep by MegaCdPlayer to Zero.

This is usefully if you wish to start a new Top Ten Chart for scratch.

Note: Once ResetALL is done you cannot recover the count records.

## 1.17 Menu CDTopTen

This will show a Cd top ten chart of the most played CD's.

The Chart looks like this:

1 - The Best of	45
2 - The Rest of	34
3 - The Most of	29
4 - The others	24
5 - The Best of the others	20
6 - The Rest of the others	17
7 - The Greatest Hits	14
8 - The Worse of	11
9 - All the crap by	9
10 - Crap Crap Crap by	3

Pos- Cd Title                      Number of times Cd played

## 1.18 Menu Hide

This will hide the normal full size window to a small Title bar at the top right of the screen.

You can control the cd player with the small buttons on this Title bar,

---

the buttons are:

```

01  > O ||  < >
T P S P P  t  N  t
R  L   T   A   r  r  e  r
A   A   O   U   e  a   x  a
C   Y   P   S   v  c   t  c
K           E   i  k       k

           o
No.           u
           s

```

If you click on the track number of the Hidden window title bar the window will be go back to full size again.

## 1.19 Menu Show

Show's the complete list of Cd's Titles stored in MegacdPlayers database files.

You browse through the list by moving the side Prop. Gadget

To see the Cd Title's Tracks names click the mouse on the required Cd Title the Track names will then be show in place of Cd Titles.

To return to Cd Title display mode, Just click mouse on any Cd Track name.

The Cd Titles mode displays the number of tracks, cd Title followed by the number of times played count.

Example:

```

Trks  --- CD Title ---      PlayedCount
  10 RE:Mix Cd No.12  July 1995          8

```

The Gadget button's

```

ExitShow  SaveGuide  Search  StringGadget  /\  Title

```

Note. show takes about 2 seconds to sort 300 cd titles

## 1.20 Show ExitShow Button

Click on this to exit the show.

## 1.21 Show SaveGuide Button

The SaveGuide Button will save a complete list of Cd's Titles stored in MegacdPlayers database files in the Amiga Guide format.

Note. Old Version MegaCdplayer user's Make sure you have copyied the GuideIcon to the DataStore Directory, Else a Icon will not be saved with Guide.

## 1.22 Show Search Button

The Search button is used to find a Cd Title or a Cd Track name See Title/Track gadget

The word you want to find is entered into the StringGadget

The direction of the Search is changed by the Arrow gadget

The Search is made from the current position displayed or last search point until the side Prop. Gadget is moved then search is made starting from the 1st displayed Cd Title.

The search will match any word or part found in Title/Track names and that Cd Title will be show HighLighted.

## 1.23 Show String Search Button

You enter the word in this string gadget you wish to search for.

The Search will then try and find that word (or word's)

Note. Letter case's are ignored,  
So it does not matter if you enter: "The" "tHe" "THE"  
as all are treated the same.

## 1.24 Show Arrow Button

The Arrow gadget show's you the direction the search will be made,

Clicking on this Arrow gadget to toggle the search direction,

Ie Down \ / or Up / \

## 1.25 Show Title/Track Button

This Toggles the Search mode from Title to Track Searching mode

Title - is showing  
This Mode will search Cd Title names only

---

Track - is showing  
 This Mode will search each Cd Title Track names and show the Cd which matches  
 You can then click on that HighLighted Cd title to see the found track.

## 1.26 Menu About

The About will give you the info and also the current Cd in drive's  
 play time and how many times that cd has been played  
 and the Total number of cd's played to date with this player.

## 1.27 Menu Quit Cd Player

This is to Exit the Cd Player and stop playing if currently is.

## 1.28 Menu Edit Mode On/Off

Edit On mode

-----

Any changes made to the current Cd's text are saved to the  
 MegaCdPlayers data base "Title" file,

Note: Saves are Only made when the Return key is pressed on Cd title  
 or Track names.

The track name display will not be updated or Track selection  
 enabled when a track ends or when you click on a new track,  
 This has been done to make editing easier when playing a Cd,  
 and stop the Cd jumping to the track your editing, you can  
 still use < TRACK > to select a track.

Edit Off mode

-----

Saving on edit's is turned off, Track Update & Selection turn back on.

## 1.29 Menu Preferences window

Move CD Buttons

Play Cd when Inserted	Continuous Play Mode
Negative Values Cd Timer	Save MegaCdPlayer Format files
Auto Program Mode Cd Inserted	Save CdId's Format files
Cd Search Button Gadget	
Seven Segment Timer Font	Set CdId's Colection Directory
CD32 JoyPad/Joystick Control	15 Number of Track Lines Displayed

Save Use Default Restore Last Saved Cancel

### 1.30 Tick Function

Ticked Function is On,  
Blank Function is Off

### 1.31 Play Cd when Inserted

When the 'Play Cd when Inserted' Prefs is On,

Automatic playing will be enabled when the Cd is first Inserted into the drive.

### 1.32 Negative Values Cd Timer

When the 'Negative Values Cd Timer' Prefs is On,

A Negative "-" Character will be displayed when the cd timer display shows Cd Remainder or Track Remainder times.

### 1.33 Auto Program Mode Cd Inserted

When the 'Auto Program Mode Cd Inserted' Prefs is On,

Will Load programmed Cd tracks when a Cd's is first Inserted into the drive,

This will Only happen if a program has been saved for that Cd,  
Yeh you guessed that did you not!!!

### 1.34 Cd Search Button Gadget

When the 'Cd Search Button Gadget' Prefs is On,

Cd Search Button's be enabled, Else this button will not be shown.

### 1.35 Seven Segment Timer Font

When the 'Seven Segment Timer Font' Prefs is On,

A Seven Segment Timer Font will be used

Else a Rounded font will be used.

---

### 1.36 Prefs Flag CD32 JoyPad/Joystick Control

When the 'CD32 JoyPad/Joystick Control' Prefs is On,

You can control the Cd Player with CD32 JoyPad or a Joystick

Else you cannot.

### 1.37 Prefs Flag Continuous Play Mode

When the 'Continuous Play Mode' Prefs is On,

The Cd Player will play in a Continuous Play Mode,

In this mode there will be no brief pauses in-between track's played, so cd which continue playing from one track to another will play continuously (ie Pink Floyds; The Wall, Jean Michel Jarre; Chronologie, ect;).

Side affects when in Continuous play mode,

- 1) When in Hide mode the Track numbers displayed are not updated, (you can get the current track by clicking on play gadget)
- 2) Search track Backwards jumps back to 1st track started from and then to end track, when search past start of tracks.

### 1.38 Preferences Save MegaCdPlayer Format files

When the 'Prefs Save MegaCdPlayer Format files' is On,

MegaCdPlayer Format Files will be saved Ie Index & Title files in datastore  
Else they will not be.

### 1.39 Preferences Save CdId Format files

When the 'Prefs Save CdId Format files' is On,

CdId Files will be saved See CdId's Collection list's

Else they will not be.

Note. Currently Only saves are made after Editing is done...

### 1.40 Preferences Set Track Lines Displayed

You can change the number of Cd Track Name lines display with this gadget.

Click on the number gadget and enter the number of Track lines you wish to have displayed, a number between 3 - 99 , If a to large number is entered than can be displayed with the current workbench screen the max number of



lines will be selected.

To get the Full screen enter '99' and the max size available with the current Workbench screen selected on your amiga will be used.

Default number of lines is 15 lines.

on my amiga which I use Hi-Res Non Interlaced screen 670x276 I can get a max of 24 lines displayed.

## 1.41 Preferences Set CdId's Directory

You set the CdId's Directory with this gadget, See CdId's Collection list's

A fileRequester will come up when you click on this gadget asking you to select the place your CdId's are stored on HardDrive.

The Default Place MegaCdPlayer uses in "DataStore/Disks" which is the Directory stored where MegaCdPlayers is on your HardDisk, If you dont allready have these CdId files on your HardDisk drive this is a good place to put them.

## 1.42 Preferences Save

Save All Current Preferences settings,

Including any new Cd buttons positions.

## 1.43 Preferences Use

Use Current prefs settings without saving.

## 1.44 Preferences Default

Load the Default prefs settings.

## 1.45 Restore Preferences

Restore to the last prefs settings.

## 1.46 Preferences LastSaved

Load the Last saved prefs settings.

---

## 1.47 Preferences Cancel

Cancel any Prefs changes then exit prefs window.

## 1.48 Move CD Buttons

This enables you to move MegaCdPlayer's buttons to your required position, Simple click on the Cd button you what to move and then move the mouse to new position to place the cd button.

Note: Some care will be needed when you move the buttons to not place them on top of each other, specially with the timer mode button, as the timer digit display is moved with it.

## 1.49 CD32 JoyPad & Joystick Control

You can now control the basic functions of the CD player with the CD32 JoyPad or even a Joystick (in Port2).

Note. You will need to set CD32 JoyPad/Joystick Control Preferences Flag On Also need the lowlevel.library see Requirements

CD32 JoyPad buttons

=====

```
<< or < Left    - Previous Track
>> or > Right   - Next Track
||> or Red Button - Play/Pause
[] Blue Button   - Stop
```

Joystick Buttons

=====

```
Left - Previous Track
Right - Next Track
Fire - Play/Pause
Fire2 - Stop (Only with Joysticks with Independent 2nd fire button)
```

Note2: The JoyPad/Joystick will only function when MegaCdPlayer's window is selected. (may changed this latter)

## 1.50 Cd Buttons functions

```
Hide          Pull down Menu
Play   Stop   Pause   Eject
```

```
< TRACK >    << Search >>
```

```
Preview   Program   Speed   Loop
```

```

                                Track Elapse
12»5      Cd's Title Name                                12:34
=====
-----
| 01 Cd Track Names      09:14 | | | |
| 02 Cd Track Names      07:13 | | | |
| 03 Cd Track Names      02:34 | | | |
| 04 Cd Track Names     10:54 | | | |
| 05 Cd Track Names      01:44 | | | |
| 06 Cd Track Names      06:34 | | | |
| 07 Cd Track Names     11:27 | | | |
| 08 Cd Track Names      05:22 | |up| |
| 09 Cd Track Names      09:17 | |dn| |
-----

```

## 1.51 Current Track Position Slider

This Show's the current position of Cd track by the position of the slider,

You can move this Slider and select a new part of the current Cd track to continue playing from, at any time while playing.

## 1.52 Track and Index number display

Show's the current Track number and Index number playing.

Example

```

-----
12»5
^^ ^ Index number 5
^^
Track Number 12

```

## 1.53 Play time of track

At the end of each cd track's name is the track's play time 00:00

```

      ^^ ^^
Minutes 00-99 ^^ ^^
      ^^Seconds 00-59

```

## 1.54 The Cd's Title Name

Current Cd's Title Name, Click on Cd's title to Edit.

See Edit On Off

## 1.55 Track Number

This is the Track number.

## 1.56 Track Name

Cd's track Name, Click on the tracks name to Edit.

See Edit On Off

## 1.57 Search back and forth

<< SEARCH >>  
=====

This function is used to FastBackward/FastForward the CD. Search is used when you want to skip to one part of a track. If you don't like the beginning of a track, you simply search thru the track using << or >> until you reach the part you like. Search-speed is about 30 times faster than normal playing-time.

## 1.58 Preview 10 seconds of each track

Preview  
=====

The preview function will browse thru all Cd tracks playing each track for 10 seconds.  
To disable this function, just press Play or Stop.

## 1.59 Previous/Next Cd Track

< TRACK >  
=====

Steps the Cd player to '<' Previous or Next '>' Cd track.  
When in program mode steps program number.

## 1.60 Pauses the current track

Pause  
=====

Pauses the CD player. By pressing the Pause (or Play) button, the CD will continue playing from where it was paused.

---

## 1.61 Stop Cd playing

Stop  
=====

Stop will cause the CD to stop playing.

Stop will also cancel's Pause if on.

Also if you press Stop button twice the Cd player will stop the Cd Motor spinning round. Play will start it again if you so wish.

## 1.62 Play track

Play  
=====

When pressed will start playing the selected Audio track or Play the program track number. Play will also un-Pause the player if in the paused mode.

## 1.63 Loop functions

Loop functions  
=====

There are three different loop-modes. These are as follows:

No Loop : Turn Loop mode off.

Loop : Loop the current track playing over and over again.

Loop CD : Loops the complete cd when at last track or last programmed track.

## 1.64 Change Cd play Speed

Speed  
=====

Speed will toggle the cd players play speed between Normal Speed and Double Speed (X2 Speed).

You can use Speed at anytime even when playing, but it will take a little time to change Speed.

The Speed button will change to 'X2 SPEED' when at Double speed.

---

## 1.65 Eject Cd

```
Eject      (Not Cd32)
=====
```

This button will open/close the cd draw on your cd drive.

## 1.66 slider is used to choose a track quickly

```
Track Slider
=====
```

Used to select a track when there is a lot of tracks on a Cd.

The cd track name will be scrolled up or down when you use the slider.

there is also a Up & Down arrow gadgets.

## 1.67 slider Arrow Up a track

The the Up arrow gadget will step Up one cd track name.

## 1.68 slider Arrow Down a track

The Down arrow gadget will step Down one cd track name.

## 1.69 Time Mode

```
Cd Timer
=====
```

The play timer displays minutes and seconds of cd time played depending on Timer mode set. See TimerMode

```
00:00
| |___: Seconds 00-59
|____: Minutes 00-99
```

Note: If the MegaCdPlayer's window is not currently selected the timer will not be updated.

## 1.70 Toggles how to show time on the Cd Timer

TimeMode  
=====

Toggles play Timer mode. There are four modes as follows:

- Track Elapsed Time Cd Track has played
- Track Remainder Time left to play of Cd Track
- CD Elapsed Total Time Cd has played
- CD Remainder Total Time left to play of Cd

## 1.71 Opens the Programing window

Program  
=====

With Program you can program the order you wish the player to play the Cd tracks in and what tracks you wish to play. When Program is selected a program window is open you can then select the tracks you wish to play by clicking on them as normal, the track numbers selected will appear in the program window in a sequence of boxes at the current cursor position (white box).

Note you can insert track numbers by clicking on the box you wish to Insert to.

Buttons in Program window:

2  
6  
3  
4

Delete Random

---

Clear      Seq Up

Seq Down

Load      Save

---



Cancel      Done

## 1.72 Program Box track numbers

These show you the track number of in the program sequence selected.

You can insert track numbers by clicking on theses box's you wish to Insert to.

The white box is the current cursor position.

## 1.73 progdone

Click on Done when you have finished programming (or Close Program window).

## 1.74 progcancel

Click on Cancel if you want to cancel program mode. (Ie Turn it Off)

## 1.75 progdelete

Delete programmed track number at the current cursor postion.

## 1.76 progclear

Clear all Programmed track numbers.

---

## 1.77 Random

Random  
=====

Random will pick a randomly selected sequence of tracks and put them in the program box numbers, Or if you have selected some tracks in the program box numbers Random will put those you have allready selected in a Random order.

## 1.78 Program Button Sequence

Seq Up  
=====

Seq Up will place a sequence of Cd tracks Starting with 1st Audio track to Last track and put them in the program box numbers. Will place them at the end of any you may have allready picked.

## 1.79 Program Button Sequence

Seq Down  
=====

Seq Down will place a sequence of Cd tracks Starting with Last Audio track to 1st track and put them in the program box numbers. Will place them at the end of any you may have allready picked.

## 1.80 Program Button Save

Save  
=====

Save a program sequence for the current Cd in the drive.

This sequence will be loaded and program mode switched on when a Cd is Inserted into Cd drive If the "Auto Program Mode Cd Inserted" is on in the prefs.

## 1.81 Program Button Load

Load  
=====

Load a program sequence for the current Cd in the drive.

Note: Only will Load if one has been saved, Else nothing will happen.

---

## 1.82 Disclaimer

### Disclaimer

The information and the MegaCdPlayer program are provided "as is" without warranty of any kind, either expressed or implied. Use this program at your own risk. Steven Ross does not warrant, guarantee, or make any representations regarding the use of, or the results of the use of, the information or the MegaCdPlayer program in terms of correctness, accuracy, reliability, currentness, or otherwise. In no event will Steven Ross be liable for direct, indirect, incidental, or consequential damages resulting from any defect in the information or the MegaCdPlayer program even if he has been advised of the possibility of such damages.

## 1.83 Intro

(Font Problem's Fixed)

MegaCdPlayer Copyright © 1996 Steven Ross

This is a NEW Audio Cd Player for the Amiga Cd32+SX-1, A1200 + CdRom.

This program was developed on a CD32+SX-1 with 340Mb HD 2MegChip/4MegFastRam in Assembly code, but is compatible with most Amiga Cd Rom drives.

### Features:

Automatic Cd Identification using a database file's  
Program Mode ,with Random,Sequence,Load,Save  
Auto Load's a Programmed Cd tracks when a Cd's Inserted option  
Large window display  
Hide window with all main controls on small buttons  
Double Speed Cd Play mode (1st I think)  
Editing Cd Title/Track names while playing Cd (without track changing)  
Standard Ascii Text saves of database (for easy editing by text editor)  
Small size Cd Titles database file saves (no space waisted).  
Record kept of number times cd played & total cd's played See About  
Prop gadget to select any part of cd track to play  
Merge two database files (Including InterPlay list format)  
Recognises CdId's Collection list's

## 1.84 About Automatic Cd Identification using a database file's

MegaCdPlayer use's two file's in the database, These are Title & Index,

The Title file stores each Cd's Title and there Track names.

Index is used to store all the other info about the cd's such as the Number of Cd's, Total Cd's Played,CDToc, Number of track's, Cd Played Count Ect.

These files are in the 'DateStore' Directory in the directory where the

---

MegaCdPlayer program is saved at.

## 1.85 Aurthor of MegaCdPlayer

Name        Steven Ross  
Address     44 Premier Avenue  
             Grays  
             Essex  
             RM16 2SD  
             ENGLAND

## 1.86 CdId's File format

This file format is used by many other cd players, plus there is a huge collection of cd titles in Aminet (3256 entries V3.2):  
disk/cdrom/CdIdCollection.lha     (Also on CU Amiga April 97 CD-ROM 9)

This format stores a file for each Cd instead of the two files used by MegaCdPlayer (Index/Title in datastore). See Track Sub Directory's

I have made MegaCdPlayer have the ability to use these files if you have these on your HardDisk. See Set CdId's Colection Directory

The CdId's files' format

Filename: "ID" (2 characters) + number of tracks (2 characters, decimal)  
          + third track's Toc Position (6 characters, hexadecimal)  
          + Total Cd Toc Length (6 characters, hexadecimal)

Format:    artist's name + linefeed  
          CD's name + linefeed  
          first track's name + linefeed  
          ...  
          last track's name + linefeed

MegaCdPlayer reads 64 characters per name at most, the following characters will be ignored until next linefeed.

Also in the files comment the Artist's Name followed by Cd's Name is placed.

The program file's format        (Not Used By MegaCdPlayer Yet)

Filename: "PR" (2 characters) + number of tracks (2 characters, decimal)  
          + third track's Toc Position (6 characters, hexadecimal)  
          + Total Cd Toc Length (6 characters, hexadecimal)

Format:    first track number (1 Byte)

---

second track number (1 Byte)  
...

## 1.87 Track Sub Directorys used by MegaCdPlayer if Available

Special MegaCdPlayer Track Sub Directorys  
=====

As CdId "Disks" Directorys are large and Amiga slow's down with large number of files, I have separated the CdId "Disks" Directory files on my Amiga's HD into Cd Track Sub Directorys, One Sub Directory per track,

So every Cd which has 1 track's I've put in Sub Directory "Disks/01"  
every Cd which has 2 track's I've put in Sub Directory "Disks/02"  
.....  
.....and so on.....  
.....  
upto Cd which has 20 track's I've put in Sub Directory "Disks/20"

(all other CdId files are left in the "Disks" directory)

I've separated only the 1st 20 track's Cd's on my Amiga but all 99 can be separated or as many as like,  
But I found the Cd's upto 20 track's just about right.

MegaCdPlayer will work perfectly without these track sub directorys if you dont wish to use this MegaCdPlayer special feature,

You will need to Assign all these Track sub Directorys if you wish to use these with other Cd players.

This is how MegaCdPlayer use's CdId files

With CdId Checks  
=====

MegCdPlayer 1st Check's if Track Sub Directory Exists,

If Exits Then will try to Load CdId File from Track Sub Directory

If Not will try to load CdId From Normal Root "Disks" Directory

On CdId Save's  
=====

MegCdPlayer 1st Check's if Track Sub Directory Exists,

If Exits Save's in Track Sub Directory

If Not Save's at Normal Root "Disks" Directory

---

## 1.88 The Convert CdlDs Program

This Program will convert CdId's Collection files to a MegaCdPlayer format

When you first run this program you will be asked what directory your CdId files are stored on your Hard Disk,

Then the program will get to work converting,

The converter will remove any cd's with bad CdId's ie Total Cd Toc is >80mins and all files with characters with "0" or "1" inbetween track names will be removed.

The converter save's the resulted converted files in RAM: (Needs about 1meg)

You will need to copy these Index & Title file's to the "datastore" directory which is stored where MegaCdplayer is stored,

or Merge them to your current Index/Title files using MegaCdPlayers Merge Index and Title Menu Command, this will take some time,

A quicker way is to merge your smaller Index/Title files to the converted Index/Title files (But all you current playcounts will be lost).

On with MegaCdPlayer there is a convert CdId list called "DataStore\_ConvertedCdId.lha" file this was made with the above converter program.

(This is V3.2 of Collection of Id files containing 3256 Id's files after the converter remove's bad files become's 3192 Cd's)

## 1.89 History of MegaCdPlayer

Starting From (when I started keeping a History of player)

```
History MegaCdPlayer V1.6
History MegaCdPlayer V1.7
History MegaCdPlayer V1.8
History MegaCdPlayer V1.9
History MegaCdPlayer V2.0
History MegaCdPlayer V2.1
History MegaCdPlayer V2.2
History MegaCdPlayer V2.3
History MegaCdPlayer V2.4
History MegaCdPlayer V2.5
History MegaCdPlayer V2.6
History MegaCdPlayer V2.7
```

## 1.90 History of MegaCdPlayer V1.6

Jan 96

Fixed bug: Select bar goes off screen

---

## 1.91 History of MegaCdPlayer V1.7

8 Jan 96

Fixed Bug: Play somtimes Stop after finishing track  
(By a redo of Exec signal wait/clean up routines)

About Window Added.

Fixed Cd title so saves now when return key pressed.

Put in Program Seq Up/Down & Cancel.

9 Jan 96

New Look Prop (V36 Only use) Used Now.

Tick Added to program Gadget.

10 Jan 96

About changed to AutoRequester (used to use window).

Put on Cd's Played count & Cd Play count.

11 Jan 96

Prefs Window made at least function.

## 1.92 History of MegaCdPlayer V1.8

12 Jan 96

Tiny Cd Buttons added when hide window mode is on.

13 Jan 96

Bug fixxed: If Cd had 15 tracks Crashed with Div 0 error by CdToc Sub

14 Jan 96

Bug Fixxed: If a CdRom Cd is put in drive and Hide is selected Workbench  
does not get updated, because the cd player plays straight  
away and wont let WB acces Cd to get Cd Icon info so waits

Put in a rountine to wait for cd0: to become available if CdRom to  
fix this problem.

15 Jan 96

About Cd play time added.

16 Jan 96

Fix Cd timer so now show's correct times.

(took off 2 sec's adjustment and changed Track Elapse,Track Remainder to  
(use CdToc in place of TrackToc and put in new routines)  
and changed Cd/Track remainder to show negative values.

19 Jan 96

Preview Added and got working properly.

Turn Preview gadget Off when program mode selected.

Turn Off Program gadget when Program currently is editing.

## 1.93 History of MegaCdPlayer V1.9

---

21 Jan 96

Total Redo of Cd Buttons now using Images done with dpaint.

22 Jan 96

Got Prefs working Play Cd on Insert & Negative values timer.

25 Jan 96

Got the Load/Save routines to work.

Added Use Prefs gadget.

28 Jan 96

Fixxed so can now select on Track numbers & Track times parts of cd track name as well as just name part.

## 1.94 History of MegaCdPlayer V2.0

12 Feb 96 Prop Track gadget so you can set track play position.

CdRom only Cd dont try to play any more.

13 Feb 96 Hide gadget added.

14 Feb 96 Changed menu.

15 Feb 96 Added Program mode load & Save added

16 Feb 96 Added Auto program turned on when cd inserted, if saved .

18 Feb 96 Added Merge other cd title/index files

20 feb 96 Added Save Index/Title files

22 Feb 96 Redone menu's

Fixed preview mode & SpeedX2

Fixed track prop. pause & preview problems

23 Feb 96 Added Merge Interplay list format files

26 Feb 96 Added Check Index & Title files added

29 Feb 96 Added filerequester hail messages ect.

got status messages show better

Stoped prop track moving when not playing and change tracks.

## 1.95 History of MegaCdPlayer V2.1

3 Mar 96 Added Large timer 7 segment display added using font

7 Mar 96 prefs move cd button seperated to top and tidyed up bit  
cd search button on/off

Pause now changed to un-pause on second press

12 Mar 96 Prefs Default added and made move cd button better  
and 7 segment timer switch made better.

13 Mar 96 Prefs added restore, cancel, last saved buttons.

---



- 22 Mar 96 Eject button added (not cd32)  
bug removed from prefs load loop D0 replaced by D4 reg  
fixxed bug eject button comes back on when prefs changed
- 25 Mar 96 changed Index/Title/ProgSeq files to saved to DataStore  
(used to saved to Env:MegaCdPlayer)
- Re draw window after Eject removed on cd32
- 27 Mar 96 Workbench Program Startup (Iconx not needed)
- 31 Mar 96 Got Keyboard cursor keys functioning in Editing  
Also changed cd track names so now prints char's >\$7f
- 3 Apr 96 Fix so work's now with Workbench startup and finds program  
directory using PROGDIR:  
(so Index/titles/Progseq can save in prog's DataStore dir.)

## 1.96 History of MegaCdPlayer V2.2

- 12 June 96 Added Cd32 JoyPad Control
- 19 June 96 Added Cd32 JoyPad Control Prefs Flag
- 30 June 96 Fixed Problem with Fonts  
If Workbench Default fonts are not used (Ie Topaz 8)  
CD tracknames would overlap.
- 2 July 96 Fixed other problems with Fonts to do with Title bar  
getting bigger with larger fonts, made window's auto adjust  
for this, also set gadgets,menu,about font's to topaz 8

## 1.97 History of MegaCdPlayer V2.3

- 23 July 96 Added Continuous Play Mode (No Pause In-Between tracks)
- 24 July 96 Added Continuous Play Prefs Mode Flag
- 24 July 96 Fixed problems with Continuous Play Mode:  
Hide Track <Previous or Next> step from current displayed  
and not Current track, Fixxed by having track no updated  
when any hide gadget clicked on.  
Loop track If changed to will not loop in Cont. Play Mode  
fixed by start track playing from start again when in this  
mode & Loop track on.
- 30 July 96 Fixed problem not displaying Program track number any more  
after puting continuous play mode in status line in.
- 7 Sept 96 Added Cd Top Ten Chart Menu command

## 1.98 History of MegaCdPlayer V2.4

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- 19 Sept 96 Added Show all cd's Menu command.
- 23 Sept 96 Added Sort to above show.
  - 2 Oct 96 Fixxed Show Prop Gadgets so work correctly and Fix Track prop Gadget bug on 16 track cd's
- 7 Oct 96 Bug Fix in SaveCdEdit, When you save a shortend title name puts a Nul character out followed by old characters, fixed by clearing tracknamebuffer 1st 63 chars title part. This bug will make CdTopTen not print cd played count's, Correct any cd with this problem by reinserting Cd in and put editing on then click on title and press return.
- 10 Oct 96 Added Show SaveGuide Format File
- 11 Oct 96 Added Icon attach to saved SaveGuide file bit
- 12 Oct 96 Added Prefs TrackLines Display Gadget (not Functioning Yet)

## 1.99 History of MegaCdPlayer V2.5

- 15 Jan 97 Made Prefs Track lines displayed Gadget Function, by having prop gadgets resize, main window resize, and all parts in program use PrefsTrackLines in place of #15 lines
- 16 Jan 97 Made above use only upto max available current screen size
- 17 Jan 97 Fixxed Edit On Message, so shows when selected straight away also changed Prefs save to correctly save to ENVARC: and not Sys:Prefs/Env-Archive
- 18 Feb 97 Made MegaCdPlayer Recognise CdId's Collection list's
- 19 Feb 97 Added Prefs Set CdId's Collection Directory
- 20 Feb 97 Bug Fix in Menu Show when <20 cd's on list (in ShowSort.i)
- 25 Feb 97 Added Save CdId Files
  - Added Prefs Save MegaCdplayer Format
  - Added Prefs Save CdId's Format
- 26 Feb 97 Made so will use CdId Track Sub Directorys, special MegaCdPlayer feature.
- 27 Feb 97 Added Set Comment on Saved CdId files to Title of Cd

## 1.100 History of MegaCdPlayer V2.6

- 2 Mar 97 Added ShowExit Gadget
  - 3 Mar 97 Added Show Search Gadget
  - 9 Mar 97 Improved Show Search
  - 12 Mar 97 Changed Bit! Unrecognized Cd's use to be save out blank when Cd 1st time inserted, Now nothing is saved until the Cd Title has been edited, When CdId match is made a MegaCdPlayer format save will be made. (Might Change this)
  - 12 Mar 97 Fix small bug in Menu Show Prop when set a max no move
  - 24 Mar 97 ReDone Show Prop was not showing last Cd, Also now step's by window, and added Up/Down prop Arrow's stepping
  - 23 Mar 97 Fix bug in Exit if Show window memory was not freed
  - 18 Apr 97 Fix bug Save Title Routine, Saves out Nul characters under certain circumstances (when edit cursor moved by mouse)
  - 29 Apr 97 Improved Show Search (Now about 20x Faster)
    - (3800 cd's Used to take 10min now takes around 25secs)
-

## 1.101 History of MegaCdPlayer V2.7

- 6 May 97 Made 'CdMatch' recognize Converted CdId Index files Format  
Now with Tolerance setting on CdId converted, So Cd Toc's  
dont have to be dead same for a match!
  - 9 May 97 Made 'Merge' recognize Converted CdId Index files Format
  - 10 May 97 Make 'Program' work with Converted CdId Index files Format  
by making CdMatch switch any matched cd's back to MegaCdPlayer  
format, Also Now save's Total Cd Toc to Index on CdMatch &  
CdSaveTitle.
  - 14 May 97 Added Track Index number display
  - 15 May 97 Fix fault in Track Position Prop, Speed and Preview  
This little fault caused the play cont mode to revert back to  
normal mode when ever the Track Pos. Prop ,speed or Preview was  
used, only did for that track, fix by getting all of cd to be  
played when ever the contplayflag is set use's toctotal in place  
of track end toc.
-