Default

COLLABORATORS

	TITLE : Default		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		January 18, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Default

1.1   MegaCdPlayer Copyright © 1996 Steven Ross

```
            ##     ## ##### ####    ###    #### ####   ####  #      ### #    # ↩
                   ##### ####
# #   # # #      #      #   # #      #    # #   # #      #   # #  # #      #   #
#   # # # #### # ## ##### #      #   # #### #      ##### ##   ###   ####
#   # # # # #      #   # # # #      #   # #   # #      #   # # ##  #      # #
#   #   # ##### ##### #   #   #### ####   #      ##### # #   ##  ##### #   #
```

```
        -------------------------------------------------
        MegaCdPlayer V2.2 Copyright © 1996 Steven Ross
        -------------------------------------------------
```

```
                    Introduction

                    New V2.2

                    How to install

                    Cd Player Buttons (GUI)

                    CD32 JoyPad/Joystick

                    Menu's

                    System requirements

                    Author

                    Lastest Versions

                    History

                    Bug Report

                    Distribution

                    Disclaimer
```

1.2   New for V2.2

```
1) Font Problems all fixxed:  See
 History
2) Added
 CD32 JoyPad/Joystick
 control
```

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) Inproved 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
6) Cd HiFi Look Front End option
7) Save Title list as Amiga Guide format
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
```

1.4   bugreport

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

Write to:
                Author
```

1.5   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/env/Prefs
/MegaCdPlayer/env/Prefs.def
/MegaCdPlayer/Font/MegaCd/16
/MegaCdPlayer/Font/MegaCd/18
/MegaCdPlayer/Font/MegaCd.info
```

1.6 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
```

1.7 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

1.8 Menu

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

   Project   Editing   Preferences

                    Hide

                 Edit

                 Prefs
                     Show   DataBase

                 Merge Index & Title

                  About

                 Save Index & Title

                 Merge InterPlay List

                  Quit

                 Check Index & Title

1.9 Merge Index & Title

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

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

Any Cd's that are allready in your database not be added.

1.10 Save Index & Title

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

1.11   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.

1.12   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..

1.13   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 agian.

1.14   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.

1.15   Menu Quit Cd Player

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

1.16   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 easyer 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.
```

1.17   Menu Preferences window

```
               Move CD Buttons



               Play Cd when Inserted



               Negative Values Cd Timer
```

Auto Program Mode Cd Inserted

Cd Search Button Gadget

Seven Segment Timer Font

CD32 JoyPad/Joystick Control

Save

Use

Default

Restore

Last Saved

Cancel

1.18 Tick Function

Ticked Function is On,
Blank Function is Off

1.19 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.

1.20 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.

1.21   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!!!

1.22   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.

1.23   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.

1.24   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.

1.25   Preferences Save

Save All Current Preferences settings,

Including any new Cd buttons positions.

1.26   Preferences Use

Use Current prefs settings without saving.

1.27   Preferences Default

Load the Default prefs settings.

1.28   Restore Preferences

Restore to the last prefs settings.

1.29   Preferences LastSaved

Load the Last saved prefs settings.

1.30   Preferences Cancel

Cancel any Prefs changes then exit prefs window.

1.31   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.

1.32   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)
```

1.33   Cd Buttons functions

```
              Hide

          Pull down Menu

           Play

           Stop

           Pause

           Eject

           < TRACK >

           << Search >>

           Preview

           Program

           Speed

             Loop

          Track Elapse

           05

            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
                    | |
----------------------------------------------------------------------
```

1.34   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.

1.35   shows current track

  Show's the current Track Number playing.

1.36   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
```

1.37   The Cd's Title Name

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

           See Edit On Off

1.38   Track Number

  This is the Track number.

1.39   Track Name

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

          See Edit On Off

1.40   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.
```

1.41   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.
```

1.42   Previous/Next Cd Track

```
< TRACK >
=========

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

1.43   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.
```

1.44   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.
```

1.45   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.
```

1.46   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 programed
    track.
```

1.47   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.
```

1.48   Eject Cd

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

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

1.49   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.
```

1.50   slider Arrow Up a track

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

1.51   slider Arrow Down a track

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

1.52   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.
```

1.53   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
```

1.54   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 boxs at the current cursor postion (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
```

1.55   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.
```

1.56   progdone

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

1.57   progcancel

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

1.58   progdelete

```
Delete programmed track number at the current cursor postion.
```

1.59   progclear

Clear all Programmed track numbers.

1.60   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.
```

1.61   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.
```

1.62   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.
```

1.63   Program Button Save

```
Save
====
```

```
Save a program sequence for the current cd in the drive.
```

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

1.64   Program Button Load

```
Load
====
```

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

1.65   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.

1.66   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 Assembley code, but is compatible with most Amiga Cd Rom drives.

Features:

```
          Automatic Cd Indentification
           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)
```

1.67   About Automatic Cd Indentification 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.

1.68   Aurthor of MegaCdPlayer

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

1.69   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
```

1.70   History of MegaCdPlayer V1.6

```
Jan 96
Fixed bug: Select bar goes off screen
```

1.71   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.
```

1.72   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.

1.73   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 rountines 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.

1.74   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 filerequster hail messages ect.

```
        got status messages show better
        Stoped prop track moving when not playing and change tracks.
```

1.75   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.)
```

1.76   History of MegaCdPlayer V2.2

```
12 June 96  Added Cd32 JoyPad Control
19 June 96  Added Cd32 JoyPad Control Prefs Flag

30 June 96  Fixxed Problem with Fonts
        If Workbench Default fonts are not used (Ie Topaz 8)
        CD tracknames would overlap.

2 July 96 Fixxed 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
```