

amigaguide

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REVISION HISTORY

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Chapter 1

amigaguide

1.1 CDTV-Player 2.0 AmigaGuide.Document

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** CDTV-Player 2.0 **

** **

** designed in April 1993 **

** **

** by Daniel Amor **

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1.2 I. Introduction

I. Welcome to CDTV-Player 2.0

The idea for this program came up to me, as I was sitting in front of my CDTV and wanted to listen to some music and do some work at the same time. There is the possibility to press the play button while working on Workbench, but nothing else than the track number will be displayed. The other possibility to play Audio-CD's was to forget multitasking and use the built-in player-screen. I thought that this was quite lousy. In the German magazine 'AMIGA-DOS' I found a little program by Dr. Peter Kittel of Commodore - Germany in AMIGA-BASIC. This program looked more like a C-64 program with a lot of PEEKS and POKES. So I translated it into KICK-PASCAL (Lines in AmigaBasic vs Lines in Kick-Pascal = 200 vs 15) and designed a Workbench-Interface (all done in September 1992). This program is FISH-WARE. Commodore may even include this program into the original CDTV-package or bundle it with every CD-ROM. If you use this program for commercial matters, please don't forget to mention my name.

1.3 II. Features

II. Features

CDTV-Player 2.0 features quite a lot of new options. First of all I added preferences in order to keep the program user-friendly (this will be extended in future versions). Then I've programmed a routine that recognizes the CD if it's in the archive (thanks to Frédéric Botton - Paris for his «Gimme_a_CD»-program and the idea). Then I've introduced a SHUFFLE function and an option to jump to seconds BACK and FORTH. In earlier version only owners of a CD-ROM-drive could use the program. Now everybody with an AMIGA has access to the archive in order to search for a song or just have a look at the program. I've included now an option called KARAOKE. If any lyrics are found in the archive they may be displayed on-screen. Now an AREXX-Port has been included in order to control the function of the CDTV from other programs.

1.4 III. Gadgets

III. Gadgets

Here's a short explanation of the gadgets.

REW : Decreases track number.

PLAY : Plays current track.

FF : Increases track number.

PAUSE : Pauses play.

STOP : Stops play.

FADE : Fades smoothly in/out.

LIVE : Automatic fade in at the beginning of a track and automatic fade out at the end.

SINGLE : Toggles between playing one song and the whole CD.

REPEAT : Toggles between playing once or multiple times.

BACK : Jumps two seconds back.

SCAN : Scans into every song on the CD.

FORTH : Jumps two seconds forth.

SECRET : Future options.

KARAOKE : Live on-screen Karaoke (See V. [Karaoke](#)).

SHUFFLE : Toggles between normal and shuffled play.

PROGRAM : Choose an order of play of your own.

PREFS : Access to internal preferences. (See VII. [Preferences](#)).

EDIT : Opens edit window (See IV. [Edit](#)).

DISPLAY : Toggles display-mode:

1. Track time played.
2. CD time played.
3. Remaining track time.
4. Remaining CD time.
5. No display (saves processing time).

INFO : Displays information.

On the right side of the window there is a proportional gadget for the volume.

1.5 IV. Edit

IV. Edit

WARNING: Not yet fully operational, but under heavy construction.

By pressing the EDIT-Gadget in the main window, another window will be opened and you'll get access to the archive. In earlier version you had

to choose the CD you wanted to listen to from here. But this is done now automatically, so you can only have a look at the archive now. You can have a look at the songs by pressing the corresponding title. If CDTV-Player does not find the CD in the archive, you've got the possibility to add this CD to the archive, by pressing the ADD CD-Gadget. A new window will be opened and you've got the chance to enter the new CD. After quitting the window via the CLOSE-GADGET, the CD will be safed automatically to the archive.

1.6 V. Karaoke

V. Karaoke

When pressing the KARAOKE-Gadget in the main window, the program searches for the lyrics of the actual song. If found in the archive, they will be displayed on a seperate screen, while playing the song. At the moment there aren't any special effects, but I'm going to do this in the near future (all ideas are welcome). If you want to create own KARAOKE-songs, have a look at 'lyrics:depeche mode.mx' (the only complete one, since I'm too lazy to key in all lyrics). When a genlock is available, you may use it for KARAOKE.

1.7 VI. Archive

VI. Archive

WARNING: Format of archive is still under heavy construction. Please do not assume that future versions will support the actual format of the archive.

The archive is divided actually into two parts. The first part includes the group names and the CD titles, CD time, number of tracks (e.g. Brian Adams, Waking up the neighbours,74:54.38|15). In earlier version I omitted the fractions of the second and the number of tracks, but that was not very precise for finding the right CD in the archive and so I had to include them, too. Have a look at Lyrics/A-ZMusix in order to learn how to build own archives. The second part of the archive consists of the group-files with the track titles and the lyrics.

1.8 VII. Preferences

VII. Preferences

In this menu you may alter the internal preferences for some functions.

On the left side there are two slider-gadgets. With the upper one you may choose the time for fading in & out at the beginning and the end of a track (1sec - 10sec). With the lower one you can choose the time for scanning into each track (5sec - 25sec). On the right there are two check boxes which are both related with the KARAOKE-Feature. Break enables you to quit the KARAOKE whenever you want (a close-gadget appears on-screen) and Time puts the playing time on the KARAOKE-Screen. This has been introduced to ease the input of new KARAOKE-Titles.

1.9 VIII. The future

VIII. The future

I'll include a function called COPY, which will simplify the COPY of CD's to a cassette. You'll just key in the exact amount of time you want to be copied and the program will select the songs in order to match your timing (or as close as possible).

If the program works with the A570/A670 CD-ROM-Drives, I would introduce an AREXX-Port. This would enable other programs to use the functions of the CDTV-Player for their own use (for example Multi-Media-Applications). NOW INCLUDED.

I'll try to use PARNET for my program in order to use e.g. an AMIGA 4000 for KARAOKE while playing from CDTV (i.e. more & faster effects).

I'll try to extend the program in order to use it with SCSI-Drives (if anybody has any information on SCSI-Drives, please write).

If somebody out there has some other suggestions, needs or useful information then please write to me. (See XIV. [Address](#)).

1.10 IX. Source-Code

IX. Source-Code

You can get the source-code for free, if you write to me and send a disk. Suggestions and ideas are welcome. New groups for the archives are also welcome. CDTV-Player was written in KICK-PASCAL 2.12.

1.11 X. Assigns

X. Assigns

For the moment, you'll have to do one ASSIGN in order to be able to load the Archive (I'm sorry). For example, if you've got the directory CDTV-Player in DF1:, then ASSIGN Lyrics: DF1:CDTV-Player/Lyrics. I've included a script for this purpose.

1.12 XI. Arexx

XI. Arexx

Arexx has been introduced in order to gain control over CDTV-Player from other programs. Please refer to the examples on the disk. At the moment you can only start a track and stop it again. In future releases you'll get complete control over the program.

1.13 XII. History

XI. History of CDTV-Player

Version 0.8 (12.09.92)

Translation of the AMIGA-BASIC-Program by Dr. Peter Kittel into KICK-PASCAL. Plays songs from CLI/SHELL without Workbench Interface.

Version 0.9 (14.09.92)

Added Workbench Interface in order to play songs without a keyboard.

Added features like PAUSE, SCAN, SINGLE, REPEAT, FADE, DISPLAY.

Version 1.0ß (18.09.92) Fish-Disk 759

First release with a lot of bugs in it (e.g. it didn't recognize if a CD was taken out of a drive or a floppy disk). Added an INFO-Window.

Changed internal handling of 'cdtv.device'. Thought of a function called KARAOKE, but did not know how to do it.

Version 1.2 (26.10.92)

Redesigned Workbench Interface and added the KARAOKE window. This had nothing to do with KARAOKE, but you could choose the titles of a CD to be displayed while playing it. Removed all bugs concerning the disk-change problem.

Version 1.3 (05.11.92)

Added message for all people who don't own a 'cdtv.device'. Increased speed of overall program and reduced usage of processing time.

Version 1.4 (26.11.92)

Added some bugs while removing some others. Many internal changes (You can't 'see' a difference between 1.3 and 1.4, but 1.4 is more stable).

Version 1.5 (25.12.92) Fish-Disk 805

Increased size of KARAOKE window, added some gadgets to it. Renewed the documentation and increased speed again. Removed all nasty bugs concerning the KARAOKE option.

Version 1.5d (29.12.92)

Removed a little bug in the info-requester that caused sometimes a crash.

It's a pity, that I've sent the disk four days ago.

Version 1.6 (11.01.93)

Renamed KARAOKE as EDIT, since I haven't got the time to implement a real KARAOKE function for the moment. Increased speed of EDIT output due to change to dynamic structures (well, at least one thing I could use from university). Moved to AMIGA 4000 for designing code (more memory, more fun). Added SHUFFLE.

Version 1.7f (25.01.93)

Third official release of CDTV-Player. Now everybody with an AMIGA is able to get into the program and have a look at the gadgets and use the EDIT function in order to look for a certain song. Added a search function in order to find the actual CD in the archive and load it automatically. Added PREFS, BACK & FORTH.

Version 1.7j (20.02.93)

Added a PROGRAM function and now it's possible to key in your own CD's. Removed quite a lot of unnecessary code. Improved design of EDIT. Removed bugs in SHUFFLE & PROGRAM (internal the same procedure).

Version 1.8 (22.02.93) Fish-Disk 849

Fourth official release of CDTV-Player. Included KARAOKE (very popular in Japan & Italy). Every text may be used for this option. Also included ADD CD, in order to key in new CD's.

Version 1.9 (23.03.93)

Added more preferences in order to toggle features of KARAOKE. Now Karaoke may be stopped at any time and it's possible to have a look at the playing time. Increased speed of KARAOKE-Screen-Output and removed some unnecessary code.

Version 2.0 (04.04.93) Fish-Disk 868

Fifth official release of CDTV-Player. Now incorporates an AREXX-Port. This enables you to use the functions of CDTV-Player from other programs.

Version 2.01 (23.04.93)

Aaaargh. V2.0 did not work on machines where the arexx.library was not

installed. Didn't notice until now, since I was using Arexx on my CDTV.

Version 2.02 (13.06.93)

Disabled AREXX, due to timing problems. Enhanced the ADDCD-Function.

Version 2.03 (28.06.93)

Enabled AREXX again, because all problems concerning it have been removed.

Version 2.05 (13.07.93)

Removed BUG in ADDCD-Function. Now it saves without any problems (made a work-around for a compiler-bug). REW & FF are now ghosted if there is no higher or lower track.

1.14 XIII. Credits

XIII. Credits

(In alphabetical order)

Thomas Bengtsson - SWEDEN,

for his e-mail & the interest in the source.

Tomi Blinnikka, Helsinki - FINLAND,

for his e-mail & for his interest in the source.

Frédéric Botton of EDUCOM, Paris - FRANCE,

for his «Gimme_a_CD»-program, his ideas, his quadrolingual letters & e-mails and his fine sense of humour.

Ioannis Chatziandreou, Bochum - GERMANY,

for his e-mail & his urgent need of the source.

Ross Delaforce - AUSTRALIA,

for his e-mail & the SCSI-idea.

Hans-Christian Eckert, Berlin - GERMANY,

for his e-mails, his suggestions and the interest in the source.

Marc Eisenach, Stadtallendorf - GERMANY,

for his phone calls, the conversation about CDTV and for various information about the hardware.

Darren Ewaniuk, Alberta - CANADA,

for his e-mail & for the inclusion of CDTV-Player into his products.

Fred Fish, Tempe - USA,

for the inclusion of my programs in his wonderful collection.

Wlad Fomin & Dostick of ACL, Riga - LATVIA,

for their e-mails, Russian letters, their interest in CDTV & AMIGA and their support.

Imke Gisch, "Produktmanager CDTV" of Commodore - GERMANY,

for fast access to the documents.

Dave Hassall - NEW ZEALAND,

for his e-mail and the interest in CDTV-Player.

Kai Hofmann, Bremen - GERMANY,

for his e-mails & the interest for CDTV.

Jason R. Hulance, Oxford - GREAT BRITAIN,

for his e-mails & the interest in the source.

D. Jarvis - USA

for his e-mail & the interest in the source.

Dr. Peter Kittel of Commodore - GERMANY,

for his AMIGA-BASIC-Program and the article in the "AMIGA-DOS".

George Knighton, Fremont - USA,

for his letter and his interest in CDTV-Player.

Tom Kroener, Saarbrücken-Dudweiler - GERMANY,

for his letters, criticism and ideas.

Gerhard Leibrock, Kirkel - GERMANY,

for his letters and his ideas.

Thomas J. Moore - USA

for his e-mails, his bug-reports and his nice suggestions

(look out for his C version of CDTV-Player).

Arthur T. Murray, Seattle - USA,

for his postcard.

Nhan Nguyen, Sophomore - USA

for his interest in the CDTV-Player, his ideas and his e-mails.

Stefan Ohlin, Solleftea - SWEDEN,

for his interest in the CDTV-Player and in the source.

Oliver Peike - GERMANY

for his e-mail.

Alfred Prenner, Fürstenfeldbruck - GERMANY,

for his letter and the interest in CDTV & Parnet.

Hanns Holger Rutz, Zeven - GERMANY,

for his letters, his ideas and bug-reports.

Peter Uitz, Vienna - AUSTRIA,

for his interest in the documentation for the CDTV.

Federico Villata, Rome - ITALY,

for his e-mail and his interest for the CDTV-Player.

Jure Vrhovnik, Ljubljana - SLOWENIA,

for his interest in CDTV, his e-mails and his hardware specifications (dream on).

Werner Völker, Ebersbach - GERMANY

for his phone call and the talk about CDTV, AMIGA & PARNET.

to be continued...

(If you like my program, please let me know, then you'll be mentioned here)

1.15 XIV. Address

XIV. Address

** **

** If you want to contact me for one or the **

** other reason then use one of the following addresses. **

** **

** You may write to me in **

** Ceský, Deutsch, English, Français, Italiano, Russkij. **

** **

** Snail Mail: Daniel Amor **

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** **

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