

**0031c8e0-0**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> 0031c8e0-0		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 22, 2024	

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

# Contents

<b>1</b>	<b>0031c8e0-0</b>	<b>1</b>
1.1	The Modem-Display-docu . . . . .	1
1.2	The configuration of Modem-Display . . . . .	1
1.3	About the author . . . . .	2
1.4	Greetings&Thanks go to.. . . .	3
1.5	FAQ . . . . .	3
1.6	The history of Modem-Display . . . . .	4
1.7	Requirements . . . . .	4
1.8	Usage . . . . .	4



if you like, you can also send them to me, as I'm planning to distribute the ↵  
 sets with ↵  
 future versions, so other users can use it..

The tooltypes

CARD: You can choose between the following

CARD=AMIGA\_PORT : Uses the standard amiga port for the LEDs

REFRESHDELAY: You can set the delay for the display-refresh here. The standard-  
 value is 10 what means that it refreshes the display every 10/50 ↵  
 seconds ↵  
 (=5 times a second). If you set 1 here, you have the maximum ↵  
 refresh rate ↵  
 of 50 refreshes a second..

DONTMAPPICS: Tells MD not to map the used pictures. Might be useful for some ↵  
 users..

SCALE: Scales all graphics by a given factor. SCALE=2 scales the graphics  
 to the double-size..

STDCONFIG: Tells MD which config file to open for standard..

The configuration file

The configuration file allows you to arrange the lamps to the positions  
 you want. You can also set, whether you want a lamp in general. The config-  
 file is built in the following way:

```
;----- CUT HERE -----
DISPLAY_DSR=ON
DISPLAY_DCD=ON
DISPLAY_CTS=ON
DISPLAY_RTS=ON
DISPLAY_DTR=ON
;If you don't want a display, set it to OFF.

DSR_X=6
DCD_X=6
CTS_X=6
RTS_X=6
DTR_X=6
;Set the x-positions of the lights..

DSR_Y=3
DCD_Y=17
CTS_Y=31
RTS_Y=46
DTR_Y=60
;Set the y-positions of the lights..

;----- CUT HERE -----
```

## 1.3 About the author

Who has written it ?

My name is Felix Schwarz and I live in Germany(Europe) in a small town called ↵  
 Herzogenaurach,  
 where Adidas and Puma were founded.. I began with an ZX-Spectrum, then coded on ↵  
 a QL until  
 I got an A2000 with KS 1.2 and now I own an A1200, on which this piece of ↵  
 software was developed.

Other programs of me are:

- Ultraconv (BEST converter for AMIGA, many Anim- and pictureformats)  
 gfx/conv/uconv16r.lha
- AGM (Gebührenmanager for German Tele-rates. Best available in my mind..)  
 comm/misc/AGMxx.lha (current is comm/misc/AGM3.lha)
- HTMLFix (fix and debug your website easily. Download it now!!)  
 text/hyper/HTMLFix.lha
- ANTCDF 2 (a useful AmiNet-CD-Finder. Why does nobody write me a mail about it ↵  
 ? :-( )  
 util/misc/ANTCDF2.lha
- ANIM>GIFANIM (you should know this one! It's the first IFF-ANIM to GIF-ANIM- ↵  
 converter  
 for AMIGA and it's for FREE!)  
 gfx/conv/AGA.lha

## 1.4 Greetings&Thanks go to..

Greetings & Thanks

- |                      |   |
|----------------------|---|
| Phase 5              | - the REAL Amiga developer  |
| Amiga Plus           | - the best german AMIGA magazine  |
| Jürgen Reinert       | - for some nice routines..  |
| Petro Tyschtschenko  | - Amiga International   |
| Amiga International  | - why do they serve infos about CD32 on WWW ??  |
| Paul Burkley         | - "Foundation" author. Buy "Foundation" when it's finished,<br>it's worth!                      |
| Amiga World          | - best place for support around Software for AMIGA!   |
| All UConv-registered | - for supporting a great software   |
| Terry&Sandra Cooksey | - for their support on Amiga!   |
| All AGM-registered   | - well, there aren't too many yet, but "thank you" to them ↵<br>who<br>considered registering.. |

## 1.5 FAQ

Frequently Asked Question

- Q: Can't you implement a tooltype for devices, because I have an extra serial ↵  
 card for my modem ?
- A: No, as MD doesn't use devices. It gets the data it needs from the Amiga's CIA ↵  
 (Custom-Chip).
- If you can tell me the addresses for your board, I'll do an implementation for ↵  
 it.

(Ask the developers of the board for that or read the docu.. I'd be glad to hear from you!) ↵

Don't ask for:

- HyperCom (docs wanted!)
- Multiface Card III (docs wanted!)
- GVP I/O (docs wanted)
- SurfSquirrel (docs wanted, HiSoft Webmaster doesn't answer..)

Q: Can I get the full source-code ?

A: No :-)

Q: How about other graphics ?

A: Well, you can configure it ..

Q: I'd like to remove or change the positions of some lamps.. How can I do that ? ↵

A: Read the configuration part..

## 1.6 The history of Modem-Display

History

Modem-Display 1.0

- first release

Modem-Display 1.1

- now saves the position of the window
- a bit better docu :-)
- tooltypes-configuration
- Pull-Down-Menu
- Scale-Function
- total configuration

## 1.7 Requirements

Requirements

You need:

- an AMIGA :-)
- a Modem :-))
- OS 3.x (not tested on OS 2.x-)
- some free KB of RAM..

## 1.8 Usage

Usage

Just double-click on this nice digitised icon, which shows my modem, a Speedster 14400 :-)

(I'll soon buy a 33.600, hehe .. or does anybody have one for free for me ? :-)

) ↵