

LCDclock

COLLABORATORS

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WRITTEN BY		October 9, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

LCDclock

1.1 LCD Clock v1.1 © Joona I Palaste 1999

"LCD Clock" is a simple program to display the current time in a digital form, with user-configurable colours, on any public screen. It was written by me, Joona Palaste, in Amiga C in April 1999.

```
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1.2 How to install LCD Clock

Installation of LCD Clock is simple. All you really need is the main executable (LCD_Clock). Just put in into any directory you wish.

1.3 How to use LCD Clock

LCD Clock can be started from the CLI or from Workbench. The command syntax is:

```
LCD_Clock.exe A=ACOL,B=BCOL,C=CCOL,RGB/S,PUBSCREEN
```

Where:

- ACOL, BCOL and CCOL mean the colour values for:

A: The background
B: Non-lit crystals
C: Lit crystals

- RGB is a switch. If you omit it, the colour values will be regarded as actual palette indices. If you supply it, they will be regarded as 24-bit RGB values and tried to match as closely as possible.
- PUBSCREEN is the name of the public screen you wish to display the clock on. If this screen is not found, LCD Clock falls back to the Workbench screen. Remember, public screen names are case sensitive!

The values can be entered in either decimal or hexadecimal. For hexadecimal values, enter an \$ before the number (eg. \$AABBCC).

Default values are indices 1, 3 and 2 for index mode (looks sort-of neat on a standard 4-colour Workbench) and a simple green display for RGB mode.

Version 1.1 can also be started right from its icon on Workbench. There it reads its settings from its icon's tool types. The tool types take the same form as the command line arguments.

When started from the CLI, the command line arguments are used, regardless of the icon's tool types.

1.4 LCD Clock's requirements

LCD Clock really doesn't require much. All it needs is the following:

- An Amiga® computer
- At least version 2.0 of Workbench (it MIGHT work on versions 1.2 or 1.3, but I haven't tested it)
- About 100 kb of free memory (nowadays, when few people have under 8 Mb of total memory, that shouldn't be a problem)
- Electricity

1.5 Credits for LCD Clock

LCD Clock has been developed with the aid of the following people:

Joona Palaste (Finland)

- Original idea, program code, documentation

Matthew Dillon (USA)

- C compiler used to develop program

Eric Sauvageau (Canada) & Phil Vedovatti (USA)

- Nice NewIcons blatantly stolen by me

Luca Longone (Italy)

- First (and so far only) person to give me feedback. Thanks Luca!

1.6 Things to do in LCD Clock

Here is a list of things I might incorporate into LCD Clock:

- Display of date and weekday.
 - Alarm-clock system.
-

- Configurable window size and position.
- Configurable task priority (now it's -10, just suitable for programs that only need attention once a second).
- Saved preferences file.
- Some kind of GUI (with GadToolsBox, perhaps).

1.7 The author of LCD Clock

The author of "LCD Clock" is me, Joonas I Palaste. I programmed this program in DICE C on my Amiga 1200 on the 10th and 11th of April 1999.

I am a 22-year-old Finnish man (despite what my first name might sound like!) who studies at the University of Helsinki, Department of Computer Science. I only have two major interests in my life:

- Amiga® computers.
- Transformers® toys.

Currently I have an Amiga 1200/030/28 (8 Mb Fast) and about 80 Transformers toys, but I'm saving up to an Amiga 4000/040/25 (16 Mb Fast) and another 80 Transformers toys. Hopefully I should get them before my grandchildren are born.

If you'd like to get in touch with me, e-mail me at:

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1.8 History of LCD Clock

v1.1 (27. April 1999) - LCD Clock can now appear on any public screen. It also reads its icon's tool types when started from Workbench. Furthermore, it no longer uses IntuiTicks, so it doesn't freeze up when its window isn't active.

v1.0 (11. April 1999) - First public release
