

**LControlE**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> LControlE		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		February 24, 2025	

<b>REVISION HISTORY</b>
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## Chapter 1

# LControlE

### 1.1 LControlE.guide

LControl 1.01

(C) 1994 by Juergen Frank and Michael Watzl

LControl is freely distributable as long as no profit is made.  
Please note: LControl is shareware and of course, a hardware is  
required to control cameras. If you want to use LControl you have to  
register, See Registering.

LControl may only be spread without the schematics for the hardware.

YOU USE LCONTROL ON YOUR OWN RISK. NO WARRANTY CAN BE GIVEN.

What Is LControl  
Installation  
How To Use  
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### 1.2 LControlE.guide/What Is LControl

What is LControl  
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LControl is a program to control video cameras via a special control  
hardware. The cameras must have a control-L or LANC interface (Sony  
kompatible).

The hardware is very easy to construct. Schematics, construction kit  
or the complete hardware will be sendt to you after registering, See  
Registering.

The control hardware is connected to the parralel port. Two cameras

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can be connected to the hardware. You can switch between the two cameras via the software.

LControl is a commodity and it has an arexx port. Therefore LControl can work in the background and your camera can be "programmed" via arexx.

See also IR-Master-Support.

## 1.3 LControlE.guide/Installation

### Installation

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Requirements:

- \* Kickstart 2.04 or higher
- \* Workbench 2.1 or higher for using locale. [version 1.2 of LControl]

The installation of LControl is really easy. There is nothing to do! You need no additional libraries, no assigns must be done.

When you drag LControl to the WBStartup-drawer, you should also add the DONOTWAIT tooltype.

## 1.4 LControlE.guide/How To Use

### How To Use

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Menus  
Gadgets  
ARexx Port  
Tooltypes

## 1.5 LControlE.guide/Menus

### Menus

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### Project

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### About...

Some information about the authors and the program

Hide  
Closes the LControl window. However LControl stays active.

Fix position  
Snapshots the current position. This piece of information is saved in the tooltypes, See Tooltypes.

Quit  
Quits LControl

Special  
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Reset counter  
Resets the counter of the camera.

Swap cameras  
Swaps to the other camera.

Zoom in  
Sends "Zoom In" to the camera

Zoom out  
Sends "Zoom Out" to the camera

Record  
Sends "Record" to the camera.

## 1.6 LControlE.guide/Gadgets

Gadgets  
=====

Play  
Sends a "Play"-command to the camera

Stop  
Sends a "Stop"-command to the camera

Pause  
Sends a "Pause"-command to the camera

FREW  
Sends a "fast rewind" command to the camera

FFOR  
Sends a "fast forward" to the camera

PREW  
Sends a "picture rewind" to the camera

PFOR  
Sends a "picture forward" to the camera

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```
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    Sends a "slow motion rewind" to the camera

-
    Sends a "single pic back" to the camera

+
    Sends a "singse pic forward" to the camera

++
    Sends a "slow motion forward" to the camera
```

## 1.7 LControlE.guide/ARexx Port

ARexx Port  
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The name of the arexx port is LControl\_rexx

So far, the following commands are supported:

LC\_QUIT  
 Quits LControl

LC\_SHOW  
 Opens the LControl window

LC\_HIDE  
 Closese the LControl window

LC\_ENABLE  
 Opens the LControl window and opens the arexx port (if closed)

LC\_DISABLE  
 Closes the LControl window and the arexx port

LC\_PLAY

LC\_STOP

LC\_PAUSE

LC\_FREW

LC\_FFOR

LC\_PREW

LC\_PFOR

LC\_PLUS

LC\_MINUS

LC\_SLOW

LC\_RSLOW

LC\_GETCOUNTER

the current counter will be returned in RESULT

LC\_RESET  
 resets the counter of the camera

LC\_SWAP  
    swaps to the other camera

LC\_ZOOMIN  
    Zooms in one step.

LC\_ZOOMOUT  
    Zooms out one step.

LC\_RECORD  
    Sends Record to the camera.

## 1.8 LControlE.guide/Tooltypes

Tooltypes  
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The following tooltypes are recognized:

CX\_POPUP=  
    "YES" oder "NO"  
    YES  
        Pop window up on startup

    NO  
        Start hidden

CX\_POPKEY=  
    Hotkey for LControl E.g.: lshift f10 ==> left shift-key + F10  
    Default: lcommand esc.

LEFT=xxx  
    Leftedge of the window

TOP=yyy  
    Topedge of the window

PUBSCREEN=name  
    If specified, LControl tries to open its gui on the pbulicscreen  
    named name.

## 1.9 LControlE.guide/Appendix

Appendix  
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Support & Bugreports  
Registering  
IR-Master-Support

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History

## 1.10 LControlE.guide/Support & Bugreports

Support & Bugreports

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Support

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Latest software revisions can be found in JESOLO-BBS

JESOLO-BBS, BBS of the "Amiga Freunde Ries"  
24H online  
2400-19200 Baud, 8N1  
Tel.: +49 906 28851

Look in:     /PD\_POOL/PD-Anwendungen/ANW-Sonstiges/

You may also send a disk and stamps to one of the following addresses:

Michael Watzl  
Konradstr. 11  
86609 Donauwörth  
Tel.: +49 906 5834  
Fax : +49 906 28851  
Germany

or           Jürgen Frank  
Wittelsbacherweg 7  
86609 Donauwörth  
Tel.: +49 906 1057  
  
Germany

Bugreports

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Bugreports or suggestions are welcome and should be sendt to one of the addresses above mentioned.

Please include a brief description of your computer and its configuration -- this will help us to reproduce the bugs.

## 1.11 LControlE.guide/Registering

Registering

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REGISTRATION FORM

FIRM:           \_\_\_\_\_

NAME:           \_\_\_\_\_

STREET:         \_\_\_\_\_

ZIP-CODE: \_\_\_\_\_  
CITY: \_\_\_\_\_  
COUNTRY: \_\_\_\_\_  
TEL: \_\_\_\_\_

I want to become registered user of LControl, therefore I

- o enclose a cheque  
(europe: euro cheque  
others: drawn on a german bank)
- o transfer payment to  
Raiffeisen-Volksbank Donauwoerth eG  
86609 Donauwoerth  
Acc.: 4185455 Bank code: 722 901 00  
Comment "LCONTROL REGISTRIERUNG"

Please send me:

- o Latest version + scematics for the hardware  
für \$12 / DM 20
- o Latest version + contruction kit  
für \$18 / DM 30
- o Latest version + complete Hardware  
für \$25 / DM 40

Optional: [for the construction kit & complete hardware]

- o Two camera set [allows to connect two cameras and  
switch between them]  
plus \$3 / DM 5

\_\_\_\_\_  
locality, date

\_\_\_\_\_  
sign

## 1.12 LControlE.guide/IR-Master-Support

IR-Master-Support

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Taken from "IR-Master.guide":

"The IR-Master project consists of two software components and a

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control hardware, which is connected to the joystick port of your Amiga.

At first you start editing your virtual remote control with the IR-Editor... This one is saved to disk then. Afterwards you activate the IR-Runner...

Your edited remote control opens as a window on the workbench. With this window you can interactively control your device[s], you can use the IR-Runner's ARexx-port for programming your devices... Finally you can send infra red codes from within other applications or edit scripts which will automatically control e.g. your video recorder.

Since version 2.5 of the IR-Master two new features were introduced: You can directly send commands to LControl and Rapid. This allows you to control video cameras supported with an LANC/Control-Linterface and video recorders supported with an GSE-Rapid-interface ..."

## 1.13 LControlE.guide/History

### History

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V1.00	first Release
V1.01	- arexx-command: GETSTATUS added - fixed some minor bugs
V1.02	- Support for 2 cameras added [Switch] - minor bugfixes
V1.05	- Zoom in/Zoom out added - Record added

To Do:

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- localisation

## 1.14 LControlE.guide/Index

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++	Gadgets
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