

# **LControl**

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LANC/Control-L Interface for Amiga Computers  
Version 1.01

Mai 1994

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# 1 What is LControl

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

The hardware is very easy to construct. Schematics, construction kit or the complete hardware will be sendt to you after registering, See Appendix B [Registering], page 7.

The control hardware is connected to the parralel port. Two cameras 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 Appendix C [IR-Master-Support], page 9.

## 2 Installation

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` tool-type.

## 3 How To Use

### 3.1 Menus

#### 3.1.1 Project

*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 Section 3.4 [Tooltypes], page 5.

*Quit* Quits LControl

#### 3.1.2 Special

*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.

### 3.2 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

<i>FFOR</i>	Sends a "fast forward" to the camera
<i>PREW</i>	Sends a "picture rewind" to the camera
<i>PFOR</i>	Sends a "picture forward" to the camera
--	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

### 3.3 ARexx Port

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'	Closes 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.

### 3.4 Tooltypes

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`  $\mapsto$  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’.

## Appendix A Support & Bugreports

### A.1 Support

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

### A.2 Bugreports

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.

## Appendix B Registering

### 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 + construction 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

## Appendix C IR-Master-Support

Taken from "IR-Master.guide":

"The IR-Master project consists of two software components and a 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-Interface** and video recorders supported with an **GSE-Rapid-interface...**"

## Appendix D History

- 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

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