

**NAME**

ir-keytable - a swiss-knife tool to handle Remote Controllers.

**SYNOPSIS**

**ir-keytable** [*OPTION*]... *--device* [*/dev/input/event\* device*]  
**ir-keytable** [*OPTION*]... *--sysdev* [*ir class (f. ex. rc0)*]  
**ir-keytable** [*OPTION*]... [*for using the rc0 sysdev*]

**DESCRIPTION**

ir-keytable is a tool that lists the Remote Controller devices, allows one to get/set IR key-code/scancode tables, test events generated by IR, and to adjust other Remote Controller options.

Note: You need to have read permissions on */dev/input* for most of the options to work.

**OPTIONS**

- a, --auto-load=CFGFILE**  
Auto-load a table, based on a configuration file. Only works with sysdev.
- c, --clear**  
clears the old table
- d, --device=DEV**  
ir device to control
- D, --delay=DELAY**  
Sets the delay before repeating a keystroke
- k, --set-key=SCANKEY**  
Change scan/key pairs
- p, --protocol=PROTOCOL**  
Protocol to enable (the other ones will be disabled). To enable more than one, use the option more than one time
- P, --period=PERIOD**  
Sets the period to repeat a keystroke
- r, --read**  
reads the current scancode/keycode table
- s, --sysdev=SYSDEV**  
ir class device to control
- t, --test**  
test if IR is generating events
- v, --verbose**  
enables debug messages
- w, --write=TABLE**  
write (adds) the scancodes to the device scancode/keycode table from the specified *TABLE* file
- ?, --help**  
Prints the help message
- usage**  
Give a short usage message
- V, --version**  
print the v4l2-utils version

Mandatory or optional arguments to long options are also mandatory or optional for any corresponding short options. Options can be combined together.

**The options arguments are:**

*DEV* the /dev/input/event\* device to control

*SYSDEV*  
the ir class as found at /sys/class/rc

*TABLE*  
a file with a set of scancode=keycode value pairs

*SCANKEY*  
a set of scancode1=keycode1,scancode2=keycode2.. value pairs

*PROTOCOL*  
protocol name to be enabled (case insensitive). Supported protocols are: NEC, RC-5, RC-6, JVC, SONY, SANYO, LIRC, RC-5-SZ, SHARP, MCE-KBD, XMP, other, all.

*DELAY*  
Delay before repeating a keystroke

*PERIOD*  
Period to repeat a keystroke

*CFGFILE*  
configuration file that associates a driver/table name with a keymap file

**EXIT STATUS**

On success, it returns 0. Otherwise, it will return the error code.

**EXAMPLES**

To list all connected Remote Controller devices:

**ir-keytable**

To clean the keycode table and use a newer one:

**ir-keytable -c -w /etc/rc\_keymaps/nec\_terratec\_cinergy\_xs**

To append more codes to the existing table:

**ir-keytable -w /etc/rc\_keymaps/nec\_terratec\_cinergy\_xs**

To read the current keytable, on the second remote controller: **ir-keytable -s rc1 -r**

**BUGS**

Report bugs to **Linux Media Mailing List** <[linux-media@vger.kernel.org](mailto:linux-media@vger.kernel.org)>

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