GETTING STARTED GUIDE

USB to RF remote control transmitter

This unit will turn your computer into a powerful remote control. Simply connect to the USB port, install the driver and you are set.

The transmitter works together with our K8056 card, equipped with an RX433 receiver module. Also our K8070 / VM119 one channel receiver can be used. In total a combination of 255 cards can be addressed, resulting in a maximum of 2040 channels !! Our wireless RGB controller, VM151 can also be used. Drivers and example software can be downloaded from our web site.



🐶 K8074_USB to RF remote control transmitter	X
Choose port: COM1 Disconnect	1 change addr.
ON/OFF 1 2 3 4 5 6 7 8 0 0 0 0 0 0 0 0 0	SET ALL CLEAR ALL
Toggle buttons 1 2 3 4 5 6 7 8 Momentary buttons 1 2 3 4 5 6 7 8	Emergency STOP

Screenshot of the demo and test software



Technical :

- USB1.1 or 2.0 port compliant
- Range : up to 30m (depends on environment)
- Works with K8056(+RX433) and K8070 / VM119 VM151..
- RF transmit indicator LED
- Power LED
- USB port function LED's
- 255 selectable addresses
- Transmit—test button

- 433MHz transmitter
- R&TTE compliant design
- Power supply : USB
- Includes enclosure
- Dimensions : 80x55x35mm





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TEST BUTTON FUNCTION

When the TEST-button is pressed, the unit will transmit an 'ALL CLEAR'-command. All outputs on the K8056/ VM118/K8070/VM119 will turn off. Careful: The TEST-button will only work when the unit is connected to the PC via a USB cable.

INSTALLATION OF THE USB DRIVER

Connect the K8074 to the USB port of your PC. The first time you connect the device to the PC, Windows will try to locate the necessary .inf file. Do not allow Windows to connect to Windows Update in order to look for the software. Click 'next'.

Found New Hardware Wizard

(1)

	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? O Yes, this time only Yes, now and every time I connect a device No, not this time	2 ^{Cho}
	Click Next to continue.	Found New H
3 Point to the for either XI	path that leads to the 'K8074.int'-file P or Vista. Click 'next'	
Please choose your sear	rch and installation options.	
 Search for the best di Use the check boxes paths and removable 	iver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed.	
Search remova	ble media (floppy, CD-ROM) ation in the search:	
C:\K8074\win Don't search. I will ch Choose this option to the driver you choose	2k_winxp Browse oose the driver to install. select the device driver from a list. Windows does not guarantee that will be the best match for your hardware.	

<Back Next> Cancel



K8074

An extra 'COM'-port will appear in the Device Manager. Right click and select 'Properties'. Make sure it is the COM-port that connects to the K8074. Remember the port number.

El Orvice Manager	
OFUNCTOOP OFUNCTION OFUNCTION	Communications Port (COM8) Properties General Port Settings Divice type: Port (CDM8) Device type: Ports (CDM & LPT) Manufacturer: Veleman Projects Location: Location 0 (K8074 USB to RF transmitter) Device tabus This device is working property. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot.
	Device usage:

USING THE TEST SOFTWARE with K8056/VM118 relay card (K8056 must be equipped with optional RF receiver)

Locate and launch K8074Proj.exe. Make sure that the file 'K8074.dll' is located in the same directory.

🕪 K8074 USB to RF remote control transmitter	×
Choose port: COMI Connect	1 change addr.
ON/OFF 1 2 3 4 5 6 7 8 0 0 0 0 0 0 0 0 0	SET ALL CLEAR ALL
Toggle buttons 1 2 3 4 5 6 7 8 Momentary buttons 1 2 3 4 5 6 7 8	Emergency S T O P

Select correct COM-port numer and click 'CONNECT'

Select K8056/VM118 card address (default: 1)

If you do not know the card address, click 'show addr.' Check K8056/VM118 manual for 'how-to'-instructions. Click 'Reset to addr 1.' if you do not know the card address. All cards within the transmitter range wil be set to address 1. Afterwards, you can change the address of each card individually (select the new address and press 'change addr.') You can choose between momentary, toggle or ON/OFF operation for each relay, by pressing the appropriate button. 'Set all' turns on all outputs, while 'Clear all' turns them all off. Press 'Emergency stop' to turn off all relays on all cards simultaniously.

Press 'Emergency stop' to turn off all relays on all cards simultaniously.

The source code of the test program is supplied, in order to allow you to write your own software to control the card. A list of available commands can be found in the partlist of the K8056 relay card..

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USING THE TEST SOFTWARE with K8070/VM119 One channel dual output receiver

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Locate and launch **K8074Proj.exe**. Make sure that the file 'K8074.dll' is located in the same directory.

Select correct COM-port number and click 'CONNECT' Select K8070/VM119 address (default setting: address 1, button 1) Only the momentary buttons and the '0'-buttons (OFF) are implemented with the K8070/VM119

To learn an address/button to the K8070/VM119, please check K8070/VM119 manual. To activate K8070/VM119 outputs, press appropriate Momentary button. To de-activate K8070/VM119 outputs, press any '0'-button (OFF)