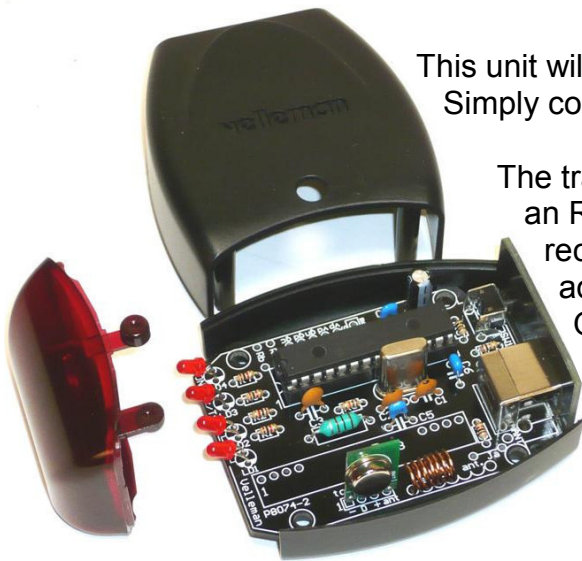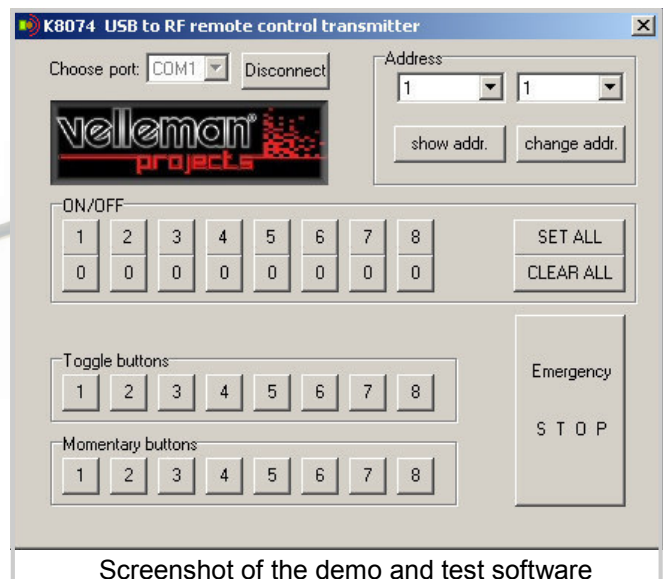# USB to RF remote control transmitter

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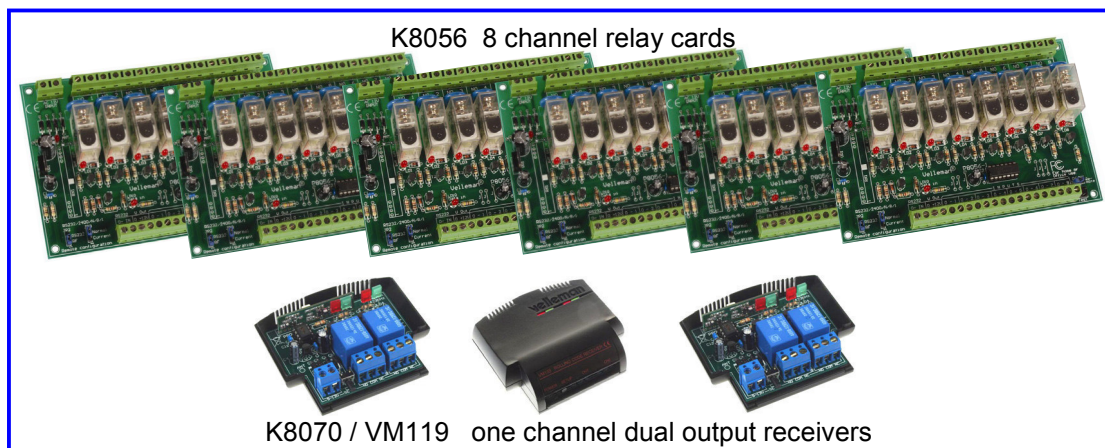Simply connect to the USB port, install the driver and you are set.

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.

Screenshot of the demo and test software

K8056 8 channel relay cards

K8070 / VM119   one channel dual output receivers

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

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

① 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'.
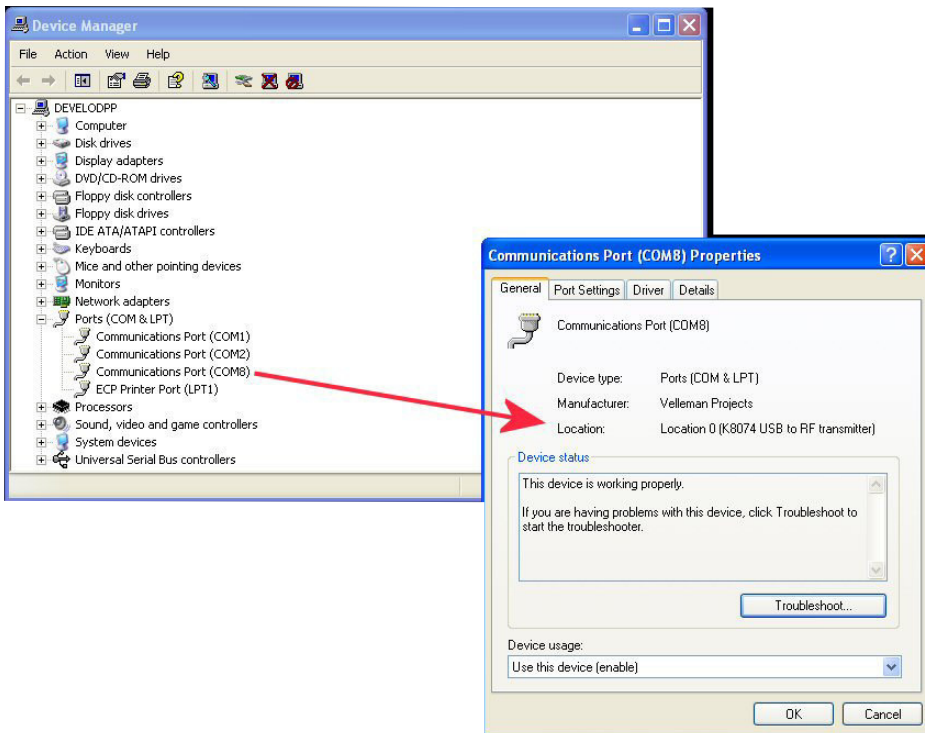
② Choose install from a specific location:

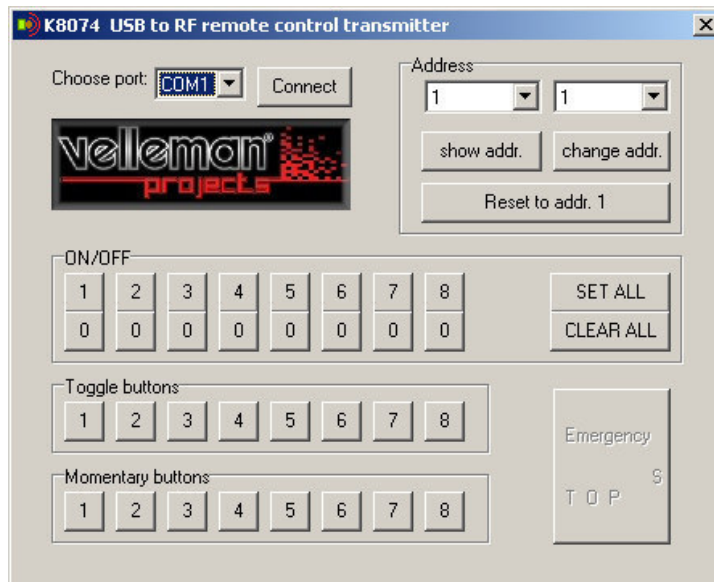③ Point to the path that leads to the 'K8074.inf'-file for either XP or Vista. Click 'next'

④ 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.

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.

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.

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..

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

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)