Eltako – The Wireless Building Installation of the Wireless Visualisation and Control Software FVS

6 steps to success

unlimited flexibility and convenience in building services

1. installation and licensing

1. connect the computer on which you want to install the software with the internet and download the software for FVS Home from www.eltako.com (homepage \ downloads \ FVS software).

2. install the software by using the installation wizard. Use the proposed components in the selection menu.

3. use "info \ license \ enter license key" to license the Eltako FVS Software
   This can also be read in the enclosed license covering letter of the FAM-USB.

2. FAM-USB installation and detection

1. plug the FAM-USB into one of the USB ports on your computer. The hardware-detection of your windows system starts automatically and installs the required driver files (if the driver cannot be found on your computer or the internet then you can download this driver from our homepage in the above mentioned download area).

2. Start the software and change to the main view of the FVS by clicking on „Overview".

3. select „configuration\PC-interfaces" and choose "autodetection" to find the previously correct installed FAM-USB. After the detection is finished you see the displayed FAM-USB (identified by the ID no.). Mark and save to complete the process.

The system is now ready to send and receive wireless signals.

3. teach-in a wireless pushbutton for lighting

1. select „teach-in\teach-in dialogue" to teach a wireless pushbutton into the FVS.

2. operate the FT4 which should be taught-in to display the sensor under "new sensors" on the right side.

3. To add the wireless sensor to the system, move it in the left window „Assigned sensors" per „drag and drop"*. At the end of teaching-in click on „exit" or go back to point 2 for more wirless pushbuttons or sensors.

The wireless pushbutton is now displayed as a lamp symbol on the monitor.

The operation of the pushbutton is now like this: press at the bottom = ON, press at the top = OFF. If this operation should be turned, right click on the wireless pushbutton in the level an select „Switch type". The current operation ON/OFF can be changed to OFF/ON here. If this is done the pushbutton will be turned on at the top and turned off at the bottom.

(*Left click, hold, move and insert by releasing the left mouse button.)

4. create a new FVS-actuator

1. To visualize a switching actuator in the system, it must be generated as a FVS-actuator. Therefore select „edit/create/edit actor“ in the menu bar.

2. Check the FAM-USB/BAP under which you want to create the actuator. There should be no „NULL DEVICE“ type of the system, but it has to be connected by yourself.

3. Select the actuator type for the switching actuators:

   - for built-in actuators FSR61, FSR70 select the switching actuator (ON/OFF)
   - for DIN-Rail actuators FSR12-4x, FSR12, FMS12 select the switching actuator (OFF/ON).

4. Enter an actuator name of your choice (eg. 'living light') and select „Add“ to create the FVS actuator.

5. To directly assign the actuator to the level at which you are located, select the check mark next to "Allocate to level: eg ground floor". If the box is not selected, the actuator is initially assigned to the base level.

All created sensors and actuators can always be pushed into the desired level afterwards.

6. The generated FVS actuator appears in the of available actuators. Select "Exit" to complete the process or go back to 3 to create another FVS actuator.

To delete a generated actuator, it will be highlighted in the list of existing FVS actuators and the button "Delete" is pressed.

5. teach-in

1. select „teach-in/FVS to actuator“ to teach the created actuator into a wireless actuator (e.g.FSR61NP-230V).

2. mark the created actuator and set the wireless actuator to „LRN“. The exact positions of the rotary switches and their functions can be read in the operating instruction of the device.

   - The FVS software will be taught-in via central function (central ON and central OFF) at the built-in switching actuators FSR61, FSR70.

   - The function of the direction pushbutton for the FVS software will be used for the DIN-Rail switching actuators.

3. select the desired signal settings (ON **or** OFF).

4. press „teach-in“ to teach the signal into the wireless actuator. The successful sending of the signal will be shown as a green flashing of the button “learn” and it can be detected at the actuator by extinguishing of the LED.

5. to teach-in more signals or actuators, start at point 2. again or select “exit” to complete the process.

The current switching status will now be displayed in the monitor. The actuator is displayed as a lamp symbol with a blue arrow. You can change the status when you click the symbol.

6. linking of pushbutton and actuator

First make sure that the wireless pushbutton was taught-in into the wireless actuator independently of the FVS software.

1. you have to create a connection between the wireless pushbutton and the actuator to switch the actuator (lamp symbol with blue arrow) with the assigned wireless pushbutton (lamp symbol).

2. To establish a connection, the lamp icon with blue arrow of the actuator has to be moved by "drag and drop" on the lamp icon of the wireless pushbutton. When superimposing the icons in this direction, the icon of the wireless pushbutton turns green before dropping the icon of the actuator.

3. To release the connection, the remaining wireless pushbutton will be selected by right clicking on the mouse and "Allocate actors" will be clicked. Here the assigned actuator will be marked and "Delete" button will be pressed. Then select "Exit" to close the window.

The current switching status will now be displayed as a lamp symbol with a blue arrow in the monitor. Now you can click on the symbol to switch the actuator and you can also push the wireless pushbutton to switch the actuator.

Additional information:

In this direction of the connection between the wireless pushbutton and the FVS actuator, the teaching-in of the wireless pushbutton into the wireless actuator is needed.

If the connection without direct teaching-in of the wireless pushbutton should be made, then the wireless pushbutton has to be pulled onto the FVS actuator. **No function will be possible if the computer should crash!**
Then only the FVS actuator is visible and the wireless pushbutton dissapears.

To disconnect the connection in this direction, the FVS actuator is selected with the right mouse button and "Detach switch" is clicked.