



## RADIO REMOTE SWITCH 2.0

Art. No. 26308 / 263091

for Multi Signal 2.0

as of date of manufacture 09/2023

for Multi Signal

Quartz / cable / radio

Art. No. 2643111x / 2643121x

as of software version: 5.1.2

# horizont

**horizont group gmbh**  
Traffic Safety

PO Box 13 40  
34483 Korbach, Germany

Homburger Weg 4-6  
34497 Korbach  
Germany

Phone: +49 (0) 56 31 / 5 65 - 2 00  
Fax: +49 (0) 56 31 / 5 65 - 2 48

[traffic@horizont.com](mailto:traffic@horizont.com)  
[www.horizont.com](http://www.horizont.com)



## Radio remote switch SVS for 2.0

The radio remote switch SVS is used for manual switching of the "Multi Signal". This consists of the receiver (with yellow "feedback lamp") and the manual switch. The radio link operates with feedback in the ISM band (433.62 & 434.22 MHz). The range can be up to several hundred metres, depending on the environmental conditions.

The radio receiver and transmitter must be taught to each other. Further details in the section "Teach & Delete".

The receiver can be operated at any signal head of the system. It is attached to the back of the pole with the enclosed clamps. The receiver should ideally be placed at the level of the red chamber.

The remote radio switch only functions in radio or cable mode. Furthermore, the radio remote switch only functions with programs that consist of two groups (e.g. bottleneck). One group can consist of several signal heads.

To operate the remote radio switch, connect the CA6 plug to the signal head. The radio remote switch has an additional CA6 socket. This has a one-to-one electrical connection to the socket of the signal head. Programming can therefore be carried out on any signal head.

Program the system and start the program.

The red button is used to switch from automatic mode to manual mode.

This must be done first.

If another button is pressed first, the system ignores it.

When the system has received the command from the radio remote switch, the feedback lamp starts flashing rapidly.

As soon as the system is in manual mode and has switched to "All red", the feedback lamp lights up continuously. All signal heads show "Red".

Pressing the buttons "1" or "2" switches the respective signal head (or the respective group) to "green".

The red button switches it back to "All red" again.

Whenever one state is switched to another, the feedback lamp starts flashing rapidly.

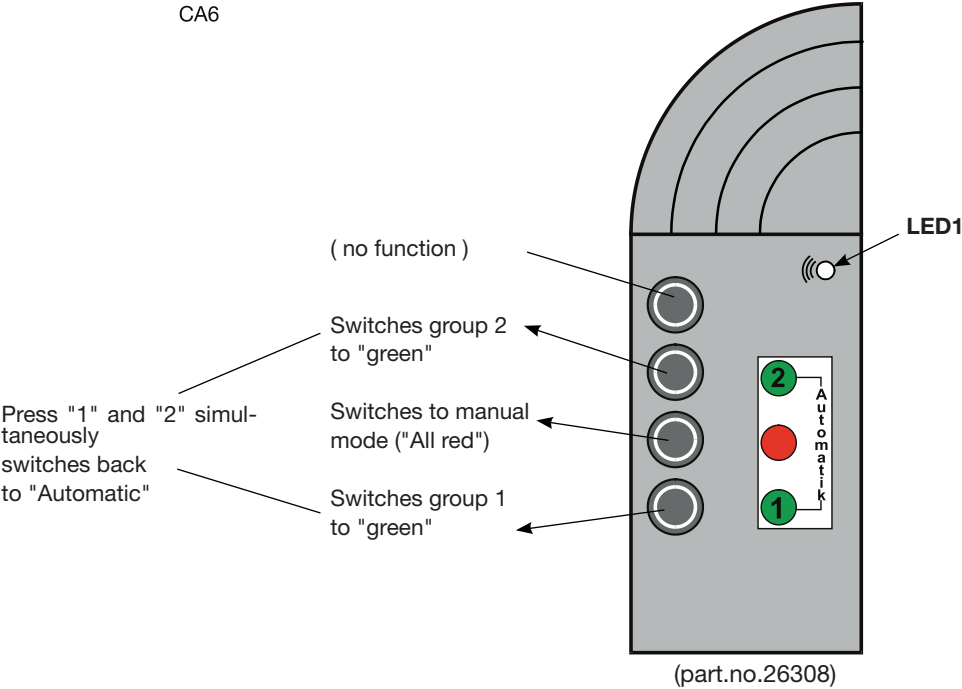
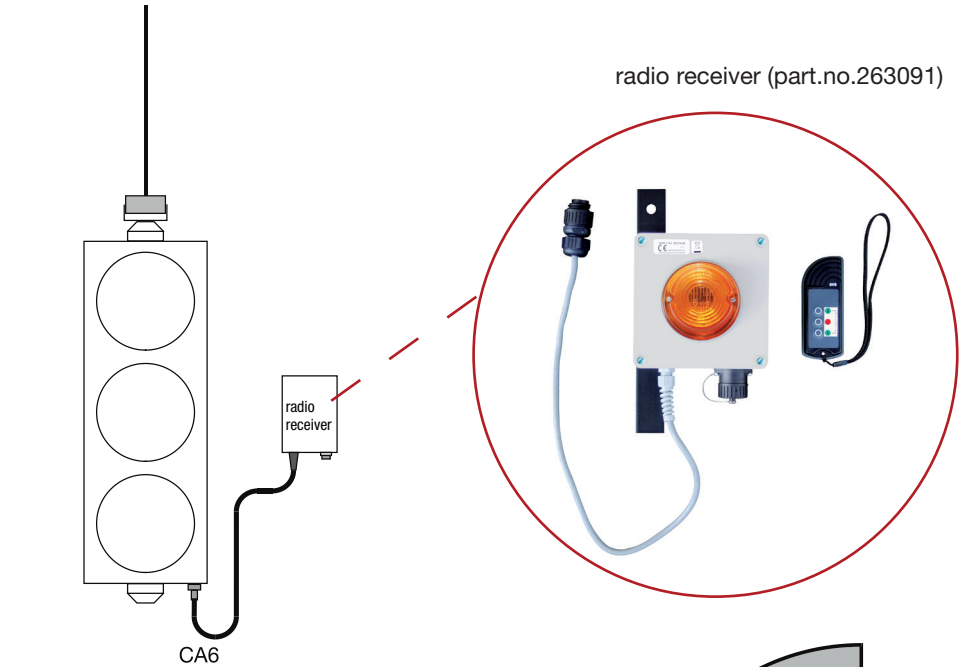
The feedback lamp lights up briefly every two seconds to indicate that the system has switched to green 1.

For green 2, the feedback lamp lights up briefly twice every two seconds. Switching to automatic occurs by pressing button 1 and 2 simultaneously.

As soon as the feedback lamp goes out, the system is in automatic mode or the previously set mode or operation.

If the signal heads have an installed red time counter, it switches off automatically in manual mode.

Connection

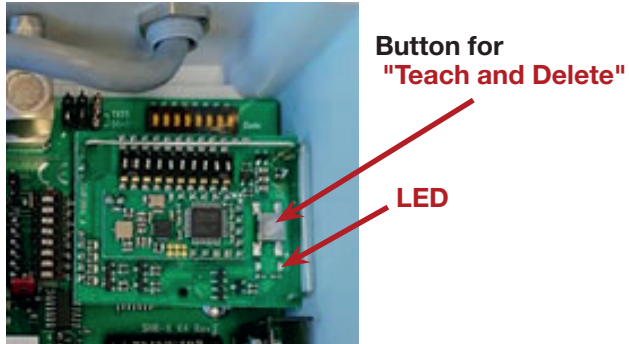




5: Now press any button on the transmitter.

After successful teaching, the LED next to the button goes out. By pressing the second button on the remote control again, communication must now take place and a relay is switched on. As described above, the successful connection is output on the transmitter.

Several transmitter can be saved.



## Delete

The saved transmitters can be deleted.

To delete a saved transmitter:

- 1: Press the button in the receiver for three seconds until the LED next to the button starts to flash.
- 2: Now press any button on the transmitter.

After successful deletion, the LED next to the button goes out.

## Delete all transmitters:

- 1: Press the button in the receiver for three seconds until the LED next to the button starts to flash.
- 2: Press the button in the receiver again and hold until the LED goes out

After deletion the transmitters can be retaught.

**Attention: the top button and the red battery LED on the transmitter have no function or meaning!**

## Technical data:

Nominal voltage receiver: 12V, supply via signal head

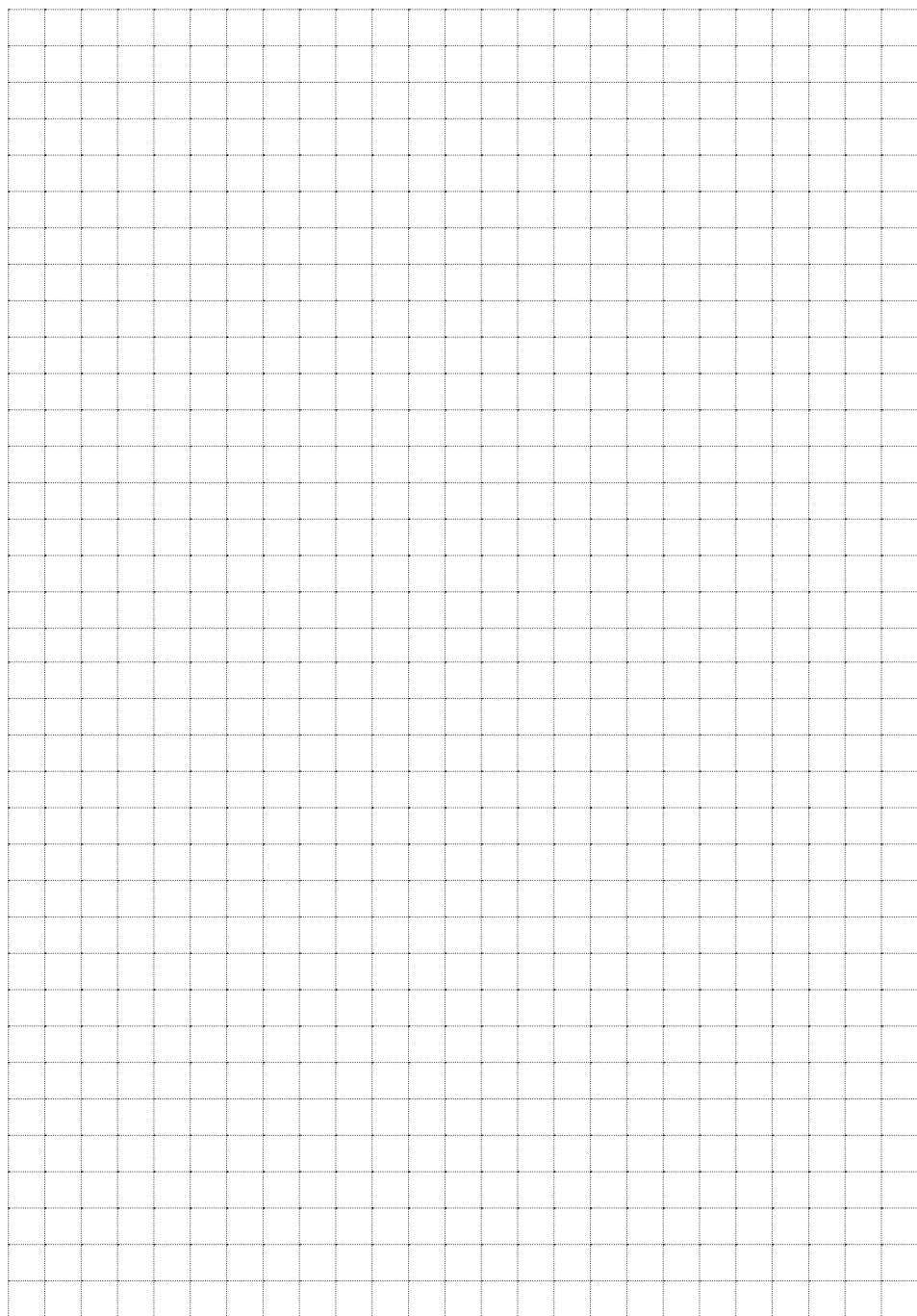
Supply transmitter: 12V alkaline battery type P23GA

Frequency: F1:433.62 MHz, F2: 434.22 MHz

Range: several hundred metres, depending on environmental characteristics

Temperature range: -20°C to +65

**Subject to technical alterations!**



**Multi-Signal Service Hotline 0151-17419286**