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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

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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 consists 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.

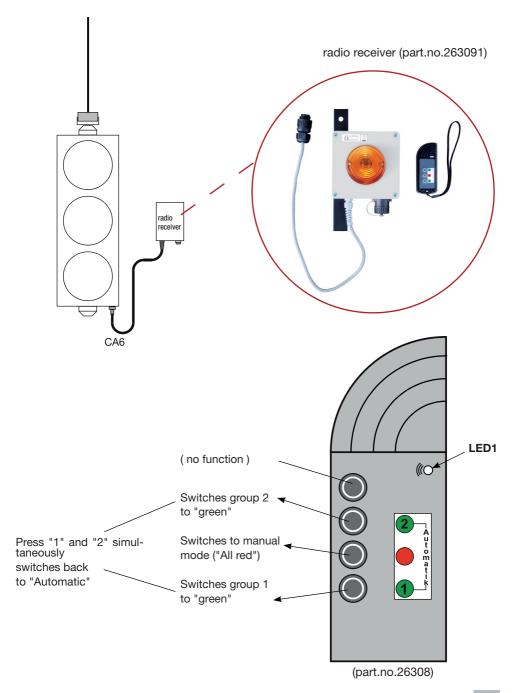
The feedback lamp lights up briefly every two seconds to indicate that the system has switched to green 1.

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



Feedback

The system works with feedback, or the reception of the button command is confirmed by the receiver and sent back to the transmitter. The transmitter outputs the feedback visually and acoustically.

Reception successful:

- LED1 (blue) flashes 3x per second when button is pressed:
 Correct reception is confirmed ≤ • •

For weak battery in the transmitter:

- Beep: Activation was confirmed

Reception not successful:

• LED1 (blue) flashes frequently for 2 seconds:

• Beeps 3x after 2 seconds: No activation confirmation received **4** 5 **1 1 1**

Caution:

For radio interference and at longer ranges, the receiver may have successfully received the command, but the transmitter is not receiving the feedback from the receiver due to the interference or range.

Therefore, check the light on the radio remote switch receiver and on the signal head for the correctly displayed light image.

Teach & Delete

Teach

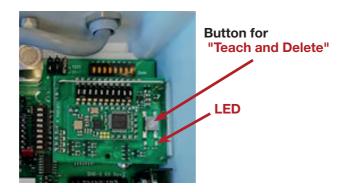
The transmitter must be taught to the receiver. Proceed as follows:

- 1: Unscrew the screws from the cover and take the cover off of the receiver.
- 2: Connect receiver to any signal head. (Signal head must be connected to the supply!)
- 3: The housing contains the control electronics. An additional small circuit board is mounted on it. This is where the "teach/delete" button is located (see picture on page 5).
- 4: Press briefly to teach: the LED next to the button must now briefly light up at regular intervals.

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

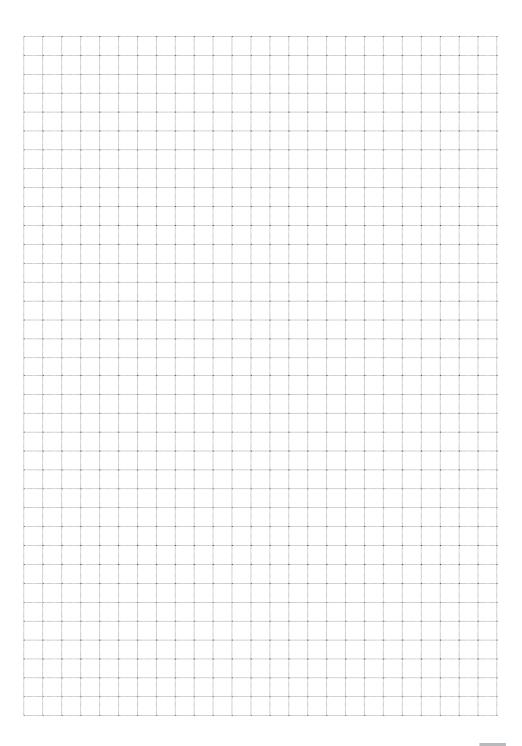
Supply transmitter: 12V alkaline battery type P23GA

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