



Handheld radio transmitter FS3 HC

8 send buttons and 4 level buttons

Splash-proof (IP65) handheld transmitter for control of up to 32 device functions

Special features

- ▶ Up to 32 consumers directly switchable
- ▶ Splash-proof housing IP65
- ▶ Address adjustable (6561 possibilities)
- ▶ Versatile receiver relays and dimmers available
- ▶ Free field range 50 m
- ▶ Standard 3V lithium battery (CR 2032)
- ▶ Battery protection (switches off automatically after 45s)
- ▶ Battery life >10,000 operations
- ▶ Function and level display by 4 LEDs



General information

The hand-held radio transmitter FS3 HC serves as remote control for our receiver relays and our radio dimmer. It has 8 send buttons and 4 level buttons, so that a total of up to 32 consumers can be addressed directly. There is a 8-bit DIP switch in the battery compartment to adjust the transmission address. The transmission power allows a free field range of 50 m.

Applications

Any electrical loads (lamps, shutters, blinds, fans, etc.) can be controlled with the associated receiver relays. A 500 W universal dimmer from Schalk is also available as receiver.

Operation

Each button of the hand-held transmitter can be assigned to any function of the receiver. The functions of the receivers are very versatile. For example, a relay of a receiver can be switched "alternately on/off" with a push-button. With the "definite switch-on" and "definite switch-off" functions, several receivers can be switched in groups. In addition, Schalk receivers have convenient functions for motor control (roller shutters, blinds, gates, etc.). For lighting control we also offer a radio universal dimmer with various control options.

Set address:

(8-bit tri-state DIP switch in battery compartment)

The address establishes the basic assignment to the receiver. Several transmitters with the same address can address the same receivers. Each individual DIP switch has 3 positions. The middle position is also valid, resulting in 6561 adjustment options. If the address is changed, the transmitter must be taught-in again at the receiver.

Examples for setting the send address:



Factory setting
(all on "-")



random example
(one of 6561 possibilities)

Select level:

(Level buttons A, B, C, D)

To change the level, press the corresponding button for at least 2s. The corresponding LED then flashes 3 times briefly. If only the currently set layer is to be displayed, press one of the 4 layer buttons briefly. The corresponding LED then flashes 3 times briefly. Transmission only takes place when one of the 8 send buttons is pressed.

Special "Favorite level" function:

This optionally adjustable function makes it possible to automatically reset the transmission level to a preset level after 30s of inactivity (favorite level). This function thus prevents operating errors due to an inadvertently adjusted transmission level.

Activate favorite level:

If the two level buttons A and D are pressed simultaneously for 5s, the setting mode for the favourite level is activated (this is indicated by an LED running light).

Now one of the 4 layer buttons must be pressed within 10 chaser periods to select it as the favourite layer. The corresponding LED lights up briefly for the selected level.

level is reset to A. The corresponding LED A then flashes 5 times briefly. The transmission level is no longer changed automatically.

Displays the current send- and favorites level:

If one of the four level buttons is pressed briefly, the current transmission level is signalled first (corresponding LED flashes twice briefly), and then - if available - the favourite level (corresponding LED flashes once long).

Deactivate favorite level (=factory settings / after battery change):

If the two level buttons B and C are pressed simultaneously for 5s, the favourite level is deleted and the transmission

The special "Favourite level" function is available for FS3 HC hand-held transmitters with production date after week 50/2015.

Technical data

Radio signal	433.92 MHz OOK PWM <10 mW
Buttons	4 level and 8 send buttons
Selectable addresses:	6561 (via DIP switch)
Battery type	3V 230 mAh lithium CR2032
Battery life	>10,000 switching cycles of 1 s each
Ambient temperature	10 to +45°C
Dimensions / weight:	135 x 45 x 15 mm, 65g
Protection class	IP65 (splash-proof)
Color	dark grey (green buttons, white print)

Compatible devices: Radio receiver/transmitter of the FE3 / FD3 / FS3 series, radio repeater FV2 R

Order data

Item no.	EAN	Type	Designation
FS3HCB	4 046929 101202	FS3 HC	Hand-held radio transmitter 32 channels, 3V DC, IP65, incl. battery

Accessories

Item no.	EAN	Type	Designation
BFS03B	4 046929 901062	BFS 03	Battery for radio transmitter 3V (CR2032)