



Surface-mounted pushbutton radio transmitter FS3 A1

1 channel

Radio button (white) for controlling one consumer, suitable for universal adhesive or screw mounting

Special features

- ▶ Compatible with all radio transmitters of the FS3 series
- ▶ Versatile receiver relays and dimmers available
- ▶ Free-field range: min. 50 m
- ▶ Battery protection (switches off automatically after 45s)
- ▶ Battery life >20,000 operations
- ▶ Easy mounting (adhesive strips or screws)
- ▶ Shapely neutral design



General information

The flat pushbutton radio transmitter FS3 A1 is suitable for the Schalk receiver relays of the FE3 series and the radio dimmers. It can also map any channel of the other handheld transmitters from the FS3 series. The transmission power allows a free field range of at least 50 m.

Applications

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

Operation

Address, channel (see buttons 1-8 for multi-channel remote controls) and, if necessary, level are set at a tristate DIP switch. As discharge protection for the battery, the transmission time is limited to max. 45s. When the rocker is removed, a red LED indicates the sending process. The function of the transmitter signal (switch on/off, buttons or dimming) is determined at the receiver. In addition, receivers can be controlled individually as well as in groups.

Installation instructions for optimum range:

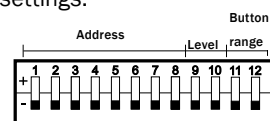
Do not mount the FS3 A1 on metal surfaces, as the transmitting power is greatly reduced.

Configurations

By default, the transmitter and receiver are already assigned to each other.

Set address (tri-State DIP switch bits 1-8):

Several transmitters with the same address can address the same receivers. Each individual DIP switch has 3 positions (the middle position is also valid). There are 6561 possible settings.



Tri-state DIP switch:
In factory settings
all DIP switches are set to "-".

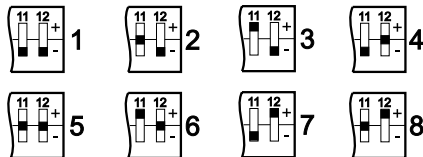
Set level A-D (tri-state DIP switch bits 9-10):

This makes the FS3 A1 compatible with the hand-held transmitter FS3 HC, which can perform 32 functions directly (using 4 level keys).



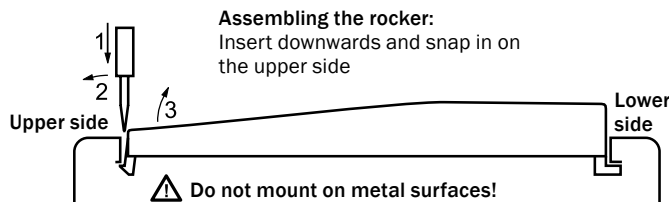
Set button range (tri-State DIP switch bits 11-12):

The FS3 A1 can emulate all 8 send buttons of FS3 series transmitters.



Removing the rocker:

Use a flat screwdriver to carefully lever the hook in the middle of the upper edge downwards and remove the rocker to the front.



Inserting the battery: Positive pole up!

Technical data

Radio signal	433.92 MHz OOK PWM <10 mW
Selectable addresses:	6561 (via DIP switch)
Selectable levels	4 (via DIP switches)
Selectable channels	8 (via DIP switches)
Battery type	3V 230 mAh lithium CR2032
Battery life	>20,000 switching cycles of 1 s each
Ambient temperature	10 to +45°C
Dimensions / weight:	80 x 80 x 15mm ³ , 60g
Color	white

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

Order data

Item no.	EAN	Type	Designation
FS3A1B	4 046929 101004	FS3 A1	Surface-mounted transmitter 1 channel, 3V DC, incl. battery

Accessories

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