

Radio hand-held transmitter EFS-ETx

Features

- Ready-to-use, compact hand-held transmitter with 1 or 2 buttons
- Pre-programmed at the factory and individually configurable by the customer
- Compatible with most of our 433 MHz switching receivers
- LED for transmission control
- Registration- and licence-free operation in the EU and Switzerland

Description

The hand-held transmitters in the EFS-ETx series are compact, reliable and cost-effective radio hand-held transmitters for the 433.92 MHz frequency band.

The code is usually set at the factory and is matched to the respective radio receiver. Due to the integrated DIP switch, the radio code can be changed by the user at any time. At the same time, a code adjustment on the radio receiver is necessary.

This can be done using a suitable programming adapter. The required software is available free of charge.

Function

The hand-held transmitters EFS-ETx are compatible with most 433 MHz switching receivers from our range.

The function settings are configured exclusively on the radio receiver. When a button is pressed, the hand-held transmitter simply transmits a unique code – the corresponding response (e.g. pulse, key function, switching) is defined on the receiver.

In combination with a suitable receiver, this creates a flexible and expandable radio system that can be individually adapted to the respective application.

Technical data

Frequency	433.92 MHz
Transmission power	Max. 1 mW
Range (in the open field)	Ca. 50 m
Number of channels	1 or 2
Operating element	Push buttons
Labelling	-
Code	12-bit (linear)
Code setting	DIP switch (10 positions)
Modulation	ASK (AM)
Transmission control	Optical (LED)
Current consumption	Typ. 10 mA (max. 15 mA)
Power supply	12 V (23 A alkaline)
Protection class	IP40 (EFS-ET1) IP30 (EFS-ET2)
Dimensions	66 x 37 x 15.5 mm
Weight (incl. battery)	30 g
Operating temperature range	-10 ... +50 °C

Scope of supply

1 x Radio hand-held transmitter EFS-ETx incl. 12 V alkaline battery (23 A)

EFS-ET1



EFS-ET2



EFS-ET2 (without housing cover)



Accessories: Protective Cover EFS-SH1



Safety instructions



- These radio hand-held transmitters are not permitted for use in safety-relevant systems!
- If certain safety requirements are made, these must be implemented by higher-level measures with approved equipment.
- Do not control any application where there is danger to life and limb or where material damage may occur if you do not have visual contact with the application!

Installation instructions



- Installation/commissioning may only be carried out by specialist companies or appropriately qualified personnel!

Operating instructions



- The units may only be used as described in the manual.
- Only undamaged units may be used under the specified environmental conditions.

Order code



Please specify the code when ordering: e.g. 1-8-10 (= DIP switch in ON position)

Number of buttons

ET1 1 button

ET2 2 buttons

E F S - E T 1