

Transmitter

SHT-7

MANUAL

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Caution:

Please read attentively this manual. Damages caused by missuse are not subject to warranty. The producer may not be responsible for further damages, caused indirectly by use of this equipment.

All changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1 Description

The handheld remote control transmitter is designed to operate together with receivers of the series SH-7.

The coding system has got about 60 000 possibilities in adresssing and transmits also the information which of the 3 pushbuttons has been activated.

By trinary coded DIP-switch You may chose one of 6561 possible codes. At the receiver side the decoded adress has to be twice the same before the decoding network will set the output.

All these features contribute to a save function, avoid missuse and unauthorized use.

The radius of action may reach several hundred meters in free field applications. Buildings and any other things will reduce seriously the functioning range.

2 Operating Instructions

SHT-7 is delivered ready to use and includes the battery.

To send the wanted signal, just press one to two seconds the appropriated pushbutton in order to transmit the information several times. The remote control function depends on the used receiver.

3 Individual Code Setting

It is recommended to change the manufacturers code where all DIP switches are in the zero position

Therefore open the housing with an appropriate screwdriver (2 screws in the lower side). Take off the upper case. Now You may chose Your individual code by setting the 8 little switches which all have 3 different positions. That is why You have a choice of 6561 possibilities.

Caution: The code setting has to be the same as in the corresponding receiver.

4 Battery Replacement

The batteries lifetime depends on the time of use. For normal application, lets say four times two seconds a day, the lifetime is about 2 years.

In case of seriously reduced radius of action You should replace the battery. Therefore it is necessary to open the housing.

Insert only 12 V alkaline lighter batteries.

Pay attention of batteries polarity which is also marked inside the housing.

5 Technical Data

RF-frequency	: 433,920 MHz +/- 150 kHz
Modulation	: 100 % ASK
control funktions	: 3
variable codes	: 6561
supply voltage	: 12 V DC (lighter battery)
current consumption	: typ. 14 mA
temperature range	: 0 °C bis +65 °C
dimensions	: 100mm x 37mm x 19mm