

The product meets the requirements of the current European and national guidelines for electromagnetic compatibility (EMC). Conformity has been established and the relevant statements and documents have been deposited at the manufacturer.

### Mode of Operation

The transmitter is able to transmit coded signals to a matched receiver via radio transmission. The operation corresponding to these signals depends on the receiver and its wiring.



It should be noted that for applications that could put human life at risk, by using radio connection there is always present a potential hazard due to extraneous disturbances.

It is forbidden to modify or change component parts of the product!

### Range of operation

The system is designed for large operating range up to over 100 meters and even obstructing walls or steel reinforced constructions can be penetrated.

The range may be reduced for the following reasons:

- Buildings, vegetation or any other objects will substantially reduce the operating range.
- The distance between the antenna and the human body or other conducting objects (e.g. Earth) may influence the working range.
- "Background electrical noise" could be relatively high so that the signal-to-noise-ratio decreases and therewith the range. Also other devices, with similar operating frequency, located within the neighbourhood may disturb the receiver.
- Operating the receiver next to inadequately shielded electronic boards or other devices (e.g. PC's) that produce electromagnetic radiation, can substantially reduce the range of operation and could result in an apparent intermittent operation.
- It is forbidden to modify, change or manipulate component parts of the product!

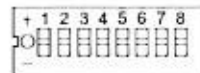
The transmitter SHT-7 is able to transmit three different signals to a matched receiver via radio transmission. The operation corresponding to these signals depends on the receiver and its wiring. Each transmitter is able to control a number of receivers.

Each transmitter is able to control a number of receivers.

### Coding

To differentiate transmitter-/receiver-combinations, or if other systems are operated in the neighbourhood, the radio-code of the transmitter may be selected out of 6551 options individually.

After releasing the screws on the rear side, the transmitter's case can be split in two pieces. The Tri-DIP-selection switch is located on the bottom-side of the board. Each of the switches has 3 setting positions (+|0|-).



Please note, in case the transmitter-code or the transmitter itself should be changed, the corresponding receiver must be re-programmed with a new code.

### Battery

Depending on the frequency of use, of the transmitter the battery life can vary. If the typical range of operation becomes substantially reduced, the battery should be replaced.

Take care of correct polarity!  
Use only 12V-Alkaline batteries!

### Technical Details

Radio-Frequency	433,92 MHz
Codes	6551, selectable
Operating Voltage	12 V - Alkaline - Battery
Current	typ. 14 mA average
Ambient temperature	0 °C to +65 °C
Storage temperature	-40°C to +85°C
Dimensions	100 mm x 37 mm x 19 mm

- Reichweite bis 1000 m • Funkcode frei einstellbar • Geringe Stromaufnahme
- Passender Handsender für das Empfängermodul Best.-Nr. 19 26 35 und die Schaltstufen 19 03 20 und 19 13 95.
- Range up to 1000 m • Radio code can be freely set • Low current consumption
- Suitable manual transmitter for the receiver module order no. 19 26 35 and the switch steps 19 03 20 and 19 13 95.
- Portée jusqu'à 1000 m • Code radio réglable librement • Faible consommation de courant
- Émetteur manuel approprié pour module de réception N° de commande 19 26 35 et les modules de commutation 19 03 20 et 19 13 95.
- Reikwijdte tot 1000 m • Vrij instelbare draadloze code • Weinig stroomopname
- Geschikte handzender voor de ontvangermodule best.-nr. 19 26 35 en de schakeltrappen 19 03 20 en 19 13 95.



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Hirschau

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**3-Kanal-  
Handsender  
433 MHz**

Nr. 19 24 81

3 channel manual  
transmitter 433 MHz  
Émetteur manuel  
3 canaux 433 MHz  
Handzender met  
3 kanalen 433 MHz