

Used frequencies

in transmitter SHT-7:

433,92 MHz Transmit Frequency is directly produced by SAW-Resonator

70 kHz R-C-Oscillator of Coder-IC

in receiver SHR-7 K1:

42,32 MHz Crystal of Local-Oscillator (times 10 at mixer)

10,7 MHz IF

70 kHz R-C-Oscillator of Decoder-IC

2,5 kHz R-C-Oscillator of Timer-IC

Used connecting cables

in transmitter SHT-7:

n.a. (pushbutton and battery included)

in receiver SHR-7 K1:

6 seperated stranded wires; 0.5m lenght; production by METROFUNK BERLIN

- 2 for relay-contact
- 2 for supply
- 2 for wired Timercontrol by pushbutton i.e. (ON / OFF)

SH-7

Telecontrol with large radius of action

SH-7 has been designed for all common applications. Its radius of action reaches several hundred meters without RF-disturbances so that there won't be any functional problems inside a normal building.

With its nearly 60 000 possibilities in coding (6561 are user-programmable) SH-7 is secure regarding misuse and usefailure, so that application may range from simple switching use until the security application.

common technical data:	frequency:	433,92 MHz +/- 150 kHz
	modulation:	ASK
	temperature range:	- 10 to + 65 °C

The handheld transmitter SHT-7

is very handy because of its small dimensions and its original design. 3 functions may be controlled by the battery powered transmitter. Applying SHT-7 You may control functions in one receiver or 3 different receivers.

dimensions:	100mm x 37mm x 19mm
antenna:	integrated wire wound antenna
functions:	3
supply:	12V-lighter-battery

The receiver SHR-7 K1

consists first of all of the very sensitiv RF-receiver-modul SHR-7 which is implemented in order to deliver the demodulated LF signal to the decoding circuitries. The function of this receiver may be chosen by DIP-switches. So the NO-relay-output may act for example in timer function (100 msec to 3600 sec selectable) while the relative transmitter pushbutton which activates the function may be selected. Furthermore it is possible to define another transmitter pushbutton to turn off the function before time out. If no timer function is desired the receiver may be put into the RF-pushbutton-mode. That means, as long as You activate the relative transmitter pushbutton, the receivers output is activated. As an additional feature the timer may also be switched on or off without the RF transmitter by connecting the corresponding cable with the DC-supply.

dimensions:	67mm x 56mm x 23mm
antenna:	173mm wire
output:	NO-relay-contact (8A)
supply:	12 - 24 V DC
current:	15 mA (stand by)