

Specifications

General Specifications

Principle of transmission	Infrared light 950 nm
Wave frequency	38 kHz
Coding	PPM-kode (Pulse Position Modulation)
Length of telegram	12 bit
No. of channels	8 (64 via more IR-receivers BSJ-IRX8 and BOW-IRXSTD8)
Operating distance	15 m

Supply Specifications

Batteries	2 x 1.5 V (LR06) size AA
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User Manual



IR Remote Controller

Type BSJ-REMSTD64



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Certified in accordance with ISO 9001

MAN BSJ-REMSTD64 ENG 11 03.08

15-029-332

Mode of Operation

The IR remote control system is a system component for the smart-house bus. It consists of two modules: an 8-channel IR-receiver (smart-house transmitter) and an 8-channel handheld IR transmitter.

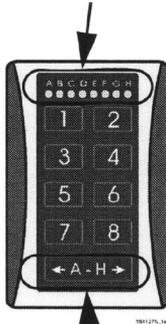
The IR-receiver is supplied by smart-house, which eliminates the need for further connections, and is intended for building into flush-type switch boxes. The IR-receiver can transmit on eight smart-house channels, and the address coding is performed by means of the programming unit BGP-COD-BAT through the rear-mounted modular plug connection. The handheld IR-transmitter has eight keys for activation of the eight channels. By means of push-button A-H, it is possible to preset channel groups A to H of the corresponding receiver, which means that a handheld transmitter can activate up to 64 channels. The 64 channels are NOT smart-house addresses, but an internal coding between transmitter and receiver. See datasheet for IR-receiver BSJ-IRX8 or BOW-IRXSTD8 for further information. The handheld transmitter features a text writing facility at the back.

Start-up

Address coding of the IR-receiver (smart-house transmitter) can take place before or after start-up. In either case, the bus cable must be connected at the screw terminal on the back of the receiver (1=Signal, 2=Ground). The IR-receiver should be mounted in the specified direction in the switch box, in order to achieve optimum receiving characteristics. The handheld IR-transmitter must be equipped with two batteries type LR06 size AA. The transmission with IR systems only works when quasi-visual contact exists between transmitter and receiver within the transmission range. Often reflection reception is also possible. Transmission cannot take place through walls or windows. Therefore a suitable place for mounting must be selected.

Dimensions

Indication of currently activated group



Change switching group

