RT24-3101M-01   **RT24-3104M-01**

LED

OPEN

STOP

CLOSE

Channel
selector

Mounting plate

RT24-3101M-03   **RT24-3104M-03**

LED

ON

OFF

Channel
selector

Mounting plate

Operating instructions

Safety advice

⚠ Carefully read through these
instructions before using the
transmitter!

Note also the operating instructions of the
radio control(s)!

The hand transmitter should only be oper-
ated within sight of the devices to be con-
trolled! Otherwise persons could be placed
in danger!

Have faulty hand transmitters checked by
the manufacturer!

Do not make any unauthorized alterations
or modifications to the hand transmitter!

Models / Features

RT24-3101M-01:
1 radio channel for controlling one device,
Functions: OPEN, STOP, CLOSE

RT24-3101M-03:
1 radio channel for controlling one device,
Functions: ON and OFF

RT24-3104M-01:
4 radio channels for separate or contempo-
raneous controlling (group function) of four
devices,
Functions: OPEN, STOP, CLOSE

RT24-3104M-03:
4 radio channels for separate or contempo-
raneous controlling (group function) of four
devices,
Functions: ON and OFF
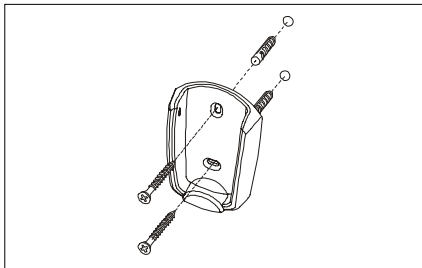
Package content

- Hand transmitter incl. battery
- Mounting plate
- Programming connector
- Screws and anchors
- Adhesive pad
- Operating instructions

Using the hand transmitter

Start-up

The hand transmitter comes with a battery
already installed so, once unpacked, it is
ready for immediate use.

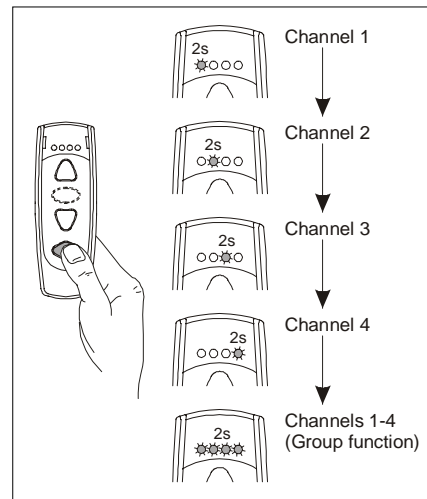• Mount the transmitter to the wall using
the mounting plate.

• Transmit the channel(s) to the radio
controls of the devices to be operated.
For this read the operating instructions
supplied with the radio controls.

Note for 4-channel transmitters: channel
selection is described in the chapter "Select-
ing channel".

Selecting channel

Only 4-channel transmitters:
Using the channel selector button, select the
channel of the device to be operated.

Channel 1

Channel 2
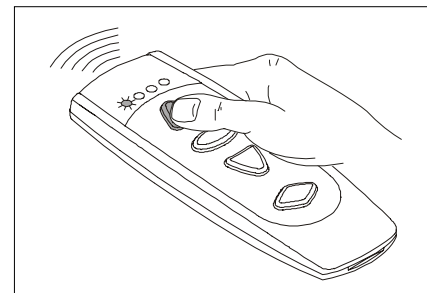
Channel 3

Channel 4

Channels 1-4
(Group function)

Each time you press the channel selector
button, you switch to the next channel or to
the group function (channel 1 > channel 2 >
channel 3 > channel 4 > channels 1-4/ group
function > channel 1 etc.).
The selected channel is signalled via the
LED's as follows:

Channel 1:	LED 1 lights up for approx. 2 secs.
Channel 2:	LED 2 lights up for approx. 2 secs.
Channel 3:	LED 3 lights up for approx. 2 secs.
Channel 4:	LED 4 lights up for approx. 2 secs.
Channels 1-4:	LED's 1-4 light up for approx 2 secs. (group function)

After the first pressing of the channel selector
button, the channel used last is selected.

Transmitting

• Press one of the function buttons (OPEN,
STOP, CLOSE or ON, OFF) in order to
control the corresponding device. The
LED of the corresponding channel briefly
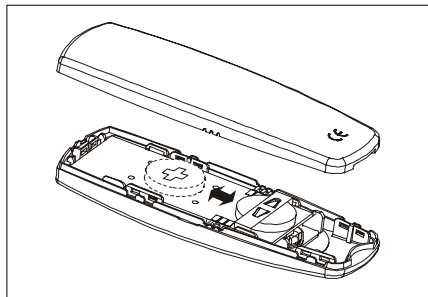lights up.

(Only 4-channel transmitters) If the group
function is selected, all 4 devices are con-
trolled and all 4 LED's briefly light up at the
same time.

Troubleshooting

• If the LED(s) light up too faintly:
change the battery.
• If the LED(s) don't light up at all:
check that the battery is correctly poled.
• If the device still doesn't react:
go closer to the radio control or re-
transmit the transmitter channels to the
radio control.

Replacing the battery

- Insert a small coin into the slot on the underside of the transmitter. Turn the coin diagonally and carefully press the two halves of the housing apart.
- Replace the battery.
  Use only batteries of type CR2032.
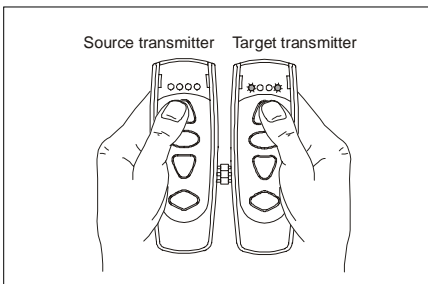 **Make sure the polarity is correct!**

- Press the two housing halves together again.

Caution! Keep batteries out of reach of children!

Changing transmitter codes

The hand transmitter comes factory coded. An individual transmitter code is assigned to every channel. You can duplicate or change the coding by transferring the transmitter codes of another transmitter to the hand transmitter.

Source transmitter   Target transmitter

- Connect the source transmitter and target transmitter using the programming connector.
- *(Only 4-channel transmitters)* Select on the source transmitter the channel whose code is to be transferred.
- Press and hold one of the function buttons (OPEN, STOP, CLOSE, ON or OFF) on the source transmitter.
- *(Only 4-channel transmitters)* Select on the target transmitter the channel whose code is to be changed.
- Press and hold one of the function buttons on the target transmitter. If the code has been transferred, the LED's 1 and 4 (on 4-channel transmitters) or the LED 1 (on single-channel transmitters) on the target transmitter light up. Release the buttons on both transmitters.
- *(Only 4-channel transmitters)* Repeat the code transfer for the other channels.
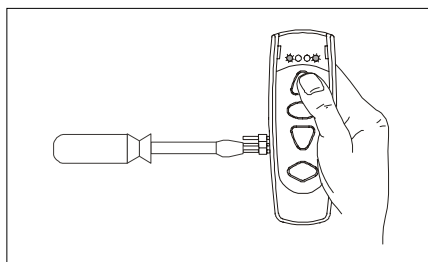- Remove the programming connector.

Note: You can also transfer the codes of other transmitters (e.g. mini transmitters) to the hand transmitter or transmitter codes of the hand transmitter to other transmitters.

For each hand transmitter channel only one code is to be transferred. The same transmitter code is assigned to every function button of the hand transmitter.

Random coding

You can also assign a new random code to each channel:

- Put the programming connector into the socket and short-circuit one of the outer pins with the middle pin.

- *(Only 4-channel transmitters)* Select the channel whose code is to be changed.
- Press and hold one of the function buttons (OPEN, STOP, CLOSE, ON or OFF). While the new code is generated, the LED's 1 and 4 (on 4-channel transmitters) or the LED 1 (on single-channel transmitters) light up. After 5 secs. release the function button.
- *(Only 4-channel transmitters)* Repeat the random coding for the other channels.
- Remove the programming connector.

Note: After re-coding you have to transfer the transmitter codes to the radio controls.

General information

Disposal

 Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.

Put packaging material into a recycling bin for cardboard and paper.

Dispose of used batteries in a container for used batteries or via the specialist trade.

 Waste electrical products and batteries should not be disposed of with household waste!

Technical data

Power supply:	1 x 3 V battery, CR2032
Current consumption:	approx. 10 mA
Frequency:	315 MHz
Modulation:	ASK
Operating temperature:	-20°C to +60°C
Range:	free-field: approx. 100 m buildings: approx. 30 m
Dimensions:	110 x 38 x 14 mm (without mounting plate)
Weight:	37 g (incl. battery, without mounting plate)

Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults.
Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Certification

FCC Certified: 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.

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

Customer service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact the company at the address below:

73904 0505 US