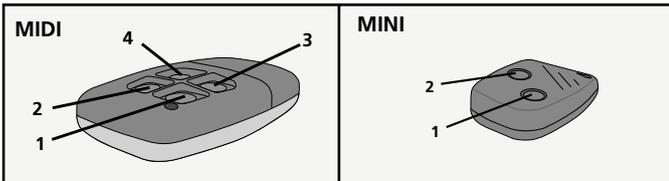


Important information on the external receiver:

The receiver will automatically store all four hand-transmitter buttons in its memory. E.g. once one hand-transmitter button is programmed into the receiver, all other transmitter buttons are automatically also programmed in. The same applies to the two buttons on the MINI-transmitter.

The channels on the hand-transmitter are:



Channel 1 on the hand-transmitter always is channel 1 on the receiver. The same applies to channels 2, 3 and 4.

Before starting the programming procedure, please check that the antenna is plugged onto the receiver!

Registering a transmitter with the receiver:

- 1) Press the learn-button for approx. 1 Sec. until the red LED starts flashing
- 2) Press any hand-transmitter button and release it
- 3) The receivers' LED stops flashing and stays on until you release the hand-transmitter button.

Cancelling the receivers' memory:

- 1) Press the LEARN-button - after one second the red LED starts flashing: keep the LEARN-button pressed for a further 5 seconds until the red LED-light stays on permanently. Release the LEARN-button and the memory is completely cancelled.

Maximum no. of hand-transmitters: 256

When you try to register more than 256 hand-transmitters with one receiver, then the latest registered hand-transmitter will be overwritten by the new hand-transmitter.

Connections and Parts of the receiver	
Connector (output signals for external devices)	
A + B	floating connector, first channel (NO)
C + D	floating connector, second channel (NO)
C + E	floating connector, second channel (NC)
F + G	floating connector, third channel (NO)
H + I	floating connector, fourth channel
Connectors for Power Supply (use either or, not both!)	
J + K	230 V Power Supply
L + M	24 V Power Supply
DIP-switches	
With the DIP-switches you can change between the modes „permanent“ and „impulse“.	
„Impulse“ is used for items, which only need a short impulse to start running. The receivers' relais will close as long as the hand-transmitters' button is pressed and it will be released, when the hand-transmitters' button is released. This is the standard for garage door operators.	
With „Permanent“ the receiver will work light a light-switch: the first impulse from the hand-transmitter will close the relais and it will remain closed until the next impulse from the hand-transmitter is received.	
The functions „impulse“ or „permanent“ may be adjusted separately for each channel:	
DIP No. 1	ON: „Permanent“ for 1. channel OFF: „Impulse“ for 1. channel (standard-setting)
DIP No. 2	ON: „Permanent“ for 2. channel OFF: „Impulse“ for 2. channel (standard-setting)
DIP No. 3	ON: „Permanent“ for 3. channel OFF: „Impulse“ for 3. channel (standard-setting)
DIP No. 4	ON: „Permanent“ for 4. channel OFF: „Impulse“ for 4. channel (standard-setting)