

Instructions – Radio Hand-Held Transmitter MULTI

Enables the control of several wireless roller shutter motors – with every convenience.



Nominal voltage:	2 x 1.5 VDC
Transmission frequency:	433.92 MHz
Transmission power:	10 mW
Number of channels:	5
Operating temperature:	-10 °C to +70 °C
Battery type:	AAA
Display:	LCD display
Power reserve:	Approx. 1 minute
Fastening:	Wall bracket with screws (2 pcs. 3x16 mm)
Scope of supply:	Radio Hand-Held Transmitter MULTI, wall bracket, 2x AAA battery, screws
Dimensions:	143 x 40 x 22 mm

Product name	PU	Item no.
blaugelb Radio Hand-Held Transmitter MULTI	1 piece	9084803

Note:

The programming, which usually consists of a combination of buttons, must be carried out within 10 seconds. The application is intended for dry environments (IP54).

To change the battery, slide the cover on the back down and insert the two AAA 1.5 V batteries according to the polarity.

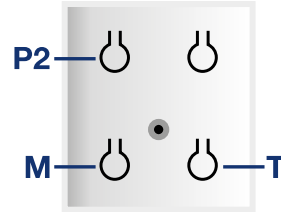
The wall bracket included in the scope of supply can be attached with the enclosed mounting material. The hand-held transmitter is held magnetically in the holder.

Each multi-channel transmitter has a collective channel (channel 0) for simultaneous control of all coupled roller shutter motors or receivers.

If the channel indicator flashes, the corresponding channel is deactivated. If the channel is not flashing, it is activated (See section Activating / deactivating channel)

Programming:

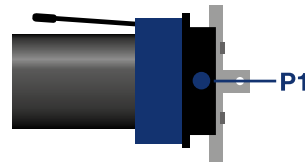
Back of the blaugelb Radio Hand-Held Transmitter:



A total of 4 different operating modes are available:

Manual mode (man)	Purely manual operation, the set times in automatic mode are ignored
Automatic mode (auto)	The integrated timer automatically sends the up or down command to the coupled roller shutter at the set times
Random mode (+/-)	Uses the set times from automatic mode, but varies them by +/- 15 minutes
Astro function A	Uses the set times for the up command from automatic mode, while the times for the down command are carried out by permanently programmed sunset times. These can still be changed individually by +/- 59 minutes

Briefly pressing the **Mode button M** switches between the respective operating modes. These run through one after the other in an endless loop. Once the desired mode has been reached, the motor must be moved briefly in order to transfer the settings to the drive.



Before the blaugelb Radio Hand-Held Transmitter MULTI can be used, it must be coupled once with the respective roller shutter motor.

Action	Execution and comment
01 P1	Press button briefly, roller shutter motor beeps and turns
02 P2	Press button briefly, roller shutter motor beeps and turns
03 P2	Press button briefly again, roller shutter motor beeps and turns
04 ▲	Press UP button, roller shutter motor beeps and turns
05	Programming completed
If the motor is running in the wrong direction	
01 P1	Press button for approx. 5 seconds, roller shutter motor beeps and turns
02	Direction of rotation changed

To switch between daylight savings and standard time:

Action	Execution and comment
01 ◀/▶	Press channel selection buttons simultaneously for approx. 3 seconds, standard time activated
02 ◀/▶	Press channel selection buttons simultaneously for approx. 3 seconds, daylight savings time activated
03	Change is completed

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Setting the date and time:

Action	Execution and comment
01	M Press button until the display shows MAN (manual mode)
02	T Press button for approx. 5 seconds, Hour flashes
03	▲/▼ Set the hour by pressing the buttons
04	T Press button briefly, Minute flashes
05	▲/▼ Set the minutes by pressing the buttons
06	T Press button briefly, Year flashes
07	▲/▼ Set the year by pressing the buttons
08	T Press button briefly, Month flashes
09	▲/▼ Set the month by pressing the buttons
10	T Press button briefly, Day flashes
11	▲/▼ Set the day by pressing the buttons
12	T Press button for approx. 5 seconds, the display flashes and the set time appears
13	T Press the button briefly, colon flashes
14	Setting time and date completed

Setting the up and down times:

Action	Execution and comment
01	M Press button until the display shows Auto (automatic mode)
02	T Press button for approx. 5 seconds, Hour of the up time flashes
03	▲/▼ Set the hour by pressing the buttons
04	T Press button briefly, Minute of the up time flashes
05	▲/▼ Set the minutes by pressing the buttons
06	M Press button to set the down times, Hour of the down time flashes
07	▲/▼ Set the hour by pressing the buttons
08	T Press button briefly, Minute of the down time flashes
09	▲/▼ Set the minutes by pressing the buttons
10	T Press button for approx. 5 seconds, the display flashes and the set time appears
11	Setting up and down times completed

Transferring the timer function:

(For this purpose, the transmitter data such as time of day, operating mode and up and down times is transmitted directly to the roller shutter motor or receiver. Each roller shutter motor or receiver must be addressed individually.)

Action	Execution and comment
01	M Press button until the display shows Auto (automatic mode)
02	▲/▼ Press button briefly, motor starts, Automatic data is transferred
03	Timer function active
04	M Press button until the display shows MAN (manual mode)
05	▲/▼ Press button briefly, motor starts, Automatic data is deleted
06	Timer function inactive

Setting the Astro function:

Action	Execution and comment
01	M Press button until the display shows A (Astro mode)
02	T Press button for approx. 5 seconds, Minute flashes
03	▲/▼ Set the Offset by pressing the buttons
04	T Press button for approx. 5 seconds, the display flashes and the set time appears
05	Setting the deviation for Astro function completed

Activating / deactivating channel:

Action	Execution and comment
01	M Press button until the display shows Auto (automatic mode)
02	◀/▶ Channel selection buttons select the desired channel
03	▶ Press button for approx. 5 seconds, channel flashes
04	Channel deactivated
05	◀/▶ Channel selection buttons select the desired channel
06	▶ Press button for approx. 5 seconds, channel does not flash
07	Channel activated

Deactivating the up and down times:

Action	Execution and comment
01	M Press button until the display shows Auto (automatic mode)
02	◀/▶ Channel selection buttons select the desired channel
03	T Press button for approx. 5 seconds, Hour of the up time flashes
04	M Press button to select the Up and down times
05	▲/▼ Press one of the buttons until the display shows --
06	T Press button for approx. 5 seconds, display does not flash
07	▲/▼ Press button, the display shows either OFF or the set time
08	Deactivation completed

Teaching an additional transmitter:

(Here, several transmitters can be assigned to one roller shutter motor or a group of roller shutter motors so that they can function as equal operating elements)

Action	Execution and comment
On the already taught transmitter	
01	P2 Press button, roller shutter motor beeps and turns
02	P2 Press button, roller shutter motor beeps and turns
On the new transmitter to be taught	
03	P2 Press button again, roller shutter motor beeps and turns
04	Teaching process is completed

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Decoupling the transmitter:

Action	Execution and comment
01	P2 Press button, roller shutter motor beeps and turns
02	■ Press Stop button, roller shutter motor beeps and turns
03	P2 Press button again, roller shutter motor beeps and turns
04	Transmitter is decoupled