

Models

RT22-4139M-02	433.92 MHz	ASK
RT22-5039M-02	868.30 MHz	ASK

Scope of Delivery

Multi Channel Transmitter incl. batteries
Programming cable, Operating instructions

Technical Details

Frequency:	433.92 / 868.30 MHz
Modulation:	ASK
Power supply:	2 x 3V batteries, CR2032
Indicator:	LED
Current consumption:	Approx. 15 mA
Degree of protection:	IP 54
Operating temperature:	-20°C to +60°C
Range:	Approx. 100 m in favorable free-field conditions
Dimensions:	150 x 60 x 22 mm
Weight:	Approx. 100 g

Intended Use

The Multi Channel Transmitter has been designed to operate ELDAT radio controls. The manufacturer shall not be liable for any damage caused by improper or non-intended use!

Safety advice



Before using the transmitter, carefully read through the operating instructions!

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

Never operate doors or other items of equipment without keeping them under watch as you do so. Persons could be placed in danger!

Check at regular intervals that the device is ready to transmit!

Do not make any unauthorized alterations or modifications to the Multi Channel Transmitter!

Have faulty transmitters checked by the manufacturer!

Function

A channel is selected either by pressing one of the four impulse buttons or by entering a three-digit channel number then pressing one of the three direction buttons.

If a channel number with more than three digits is entered then the transmitter registers the last three digits only.

The Multi Channel Transmitter is supplied factory-coded. You can change the coding (see "Code Changing Modes") and store up to 999 different codes.

Start-Up

1. Remove the packaging and check that all the parts are present.
2. Transfer the Multi Channel Transmitter codes to the radio control (see operating instructions for the radio control).

Operation / Transmission

Impulse function

- Press one of the impulse buttons A, B, C or D. The corresponding LED A, B, C or D lights up and the transmitter transmits for a maximum of 36 seconds.

Direction function (transmitting a direction code UP-STOP-DOWN)

- Enter your channel number by pressing the required combination of buttons followed by one of the direction buttons (UP-STOP-DOWN). LED A lights up and the transmitter transmits for a maximum of 36 seconds.

The transmitter remains active for approx. 18 seconds after the buttons have been released. As such, transmission can be resumed immediately by pressing one of the direction buttons (UP-STOP-DOWN).

Note: Please enter the three digits of your channel number within 10 seconds.

Code Changing Modes

Caution!

Both transmitters (source transmitter and target transmitter) must be displaying the direction function in order to be able transfer direction codes (UP-STOP-DOWN) from one transmitter to another transmitter. If in doubt consult your dealer or the manufacturer.

Teaching-In:

Individual button codes can be taught in from existing transmitters. Similarly, individual codes of the Multi Channel Transmitter can be transferred to other transmitters.

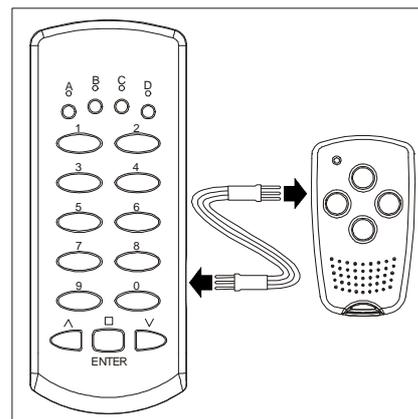
Duplicating:

The codes of all the buttons can be transferred in their entirety from one Multi Channel Transmitter to another Multi Channel Transmitter.

Random Coding:

A new code can be programmed into each button of the Multi Channel Transmitter.

Teach-In Procedure



a) Teaching-In – Hand Transmitter to Multi Channel Transmitter

1. Connect the Hand Transmitter to the Multi Channel Transmitter using the programming cable.
2. Press and hold button 2 on the Multi Channel Transmitter until LED D lights up.
3. Press the ENTER button. LED D flashes slowly.
4. Either press the impulse button, which is to be taught in again, on the Multi Channel Transmitter (impulse function) or enter the channel number on the Multi Channel Transmitter (direction function) then press and hold the ENTER button until the teach-in process has been completed (see step 5).
5. On the Hand Transmitter, press and hold the button whose coding is to be transferred and do so within 10 seconds. LED D on the Multi Channel Transmitter flashes rapidly and lights up for approx. 3 seconds once the teach-in process has been completed. Release both buttons.
6. Remove the programming cable.

b) Teaching-In – Multi Channel Transmitter to Hand Transmitter

1. Connect the Multi Channel Transmitter to the Hand Transmitter using the programming cable.
2. Either enter the channel number on the Multi Channel Transmitter then press and hold the ENTER button (direction function) until the teach-in process has been completed (see step 3) or press and hold the impulse button, whose code is to be transferred, on the Multi Channel Transmitter (impulse function) until the teach-in process has been completed.
3. On the Hand Transmitter, press and hold the channel button whose coding is to be transferred. The LED on the Hand Transmitter flashes rapidly and lights up once the teach-in process has been completed. Release both buttons.
4. Remove the programming cable.

c) Teaching-In – Multi Channel Transmitter to Multi Channel Transmitter

1. Connect the source transmitter to the target transmitter using the programming cable.
2. Press and hold button 2 on the target transmitter until LED D lights up.
3. Press the ENTER button. LED D flashes slowly.
4. Either enter the channel number on the target transmitter (direction function) or press the impulse button, which is to be taught in again, on the target transmitter (impulse function). Then press and hold the ENTER button until the teach-in process has been completed (see step 5).
5. On the source transmitter, either enter the channel number then press and hold the ENTER button (direction function) or press and hold the impulse button, whose code is to be transferred, on the source transmitter (impulse function). LED D on the target transmitter flashes rapidly and lights up for approx. 3 seconds once the teach-in process has been completed. Release both buttons.
6. Remove the programming cable.

Aborting the teach-in process

- Press the UP or DOWN button.

Duplicating

1. Connect both Multi Channel Transmitters using the programming cable.
2. Press and hold the 0 button on the target transmitter until LED C lights up (approx. 5 seconds).
3. Then press and hold the ENTER button on the target transmitter. LED C flashes slowly.
4. Press the 0 button on the source transmitter followed by the ENTER button within 10 seconds. The coding is transferred and LED C on the target transmitter flashes rapidly for approx. 70 seconds. LED C on the source transmitter flashes slowly.
5. Release both buttons. If LED C on the target transmitter lights up for approx. 3 seconds, then the duplicating process has been completed.
6. Remove the programming cable.

Aborting the duplicating process

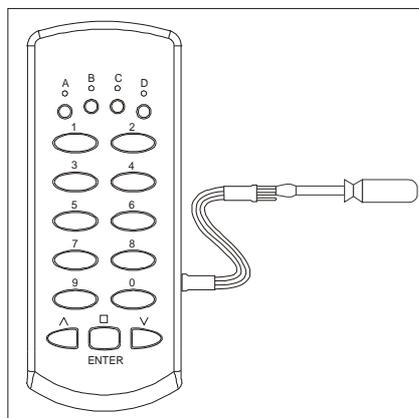
- Press the UP or DOWN button.

Caution!

Please note that all data already transferred have been stored in the target transmitter!

Random Coding

1. Insert the programming cable into the socket on the Multi Channel Transmitter, and at the other end of the cable short-circuit one of the outer pins with the middle pin.

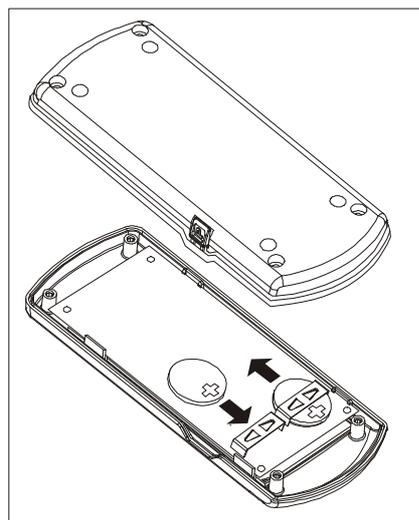


2. Press and hold button 1 until LED B lights up.
3. Briefly press the ENTER button. LED B flashes slowly.
4. Press the impulse button or enter the channel number at this point for which a new random code is to be set.
5. Press and hold the ENTER button. LED B flashes rapidly. If LED B stays lit up then the coding process has been completed and the ENTER button can be released.
6. Remove the programming cable.

Caution! The new coding must be transferred to the radio control!

Replacing the Batteries

1. Unscrew the battery housing cover.



2. Remove the old batteries.
3. Insert two new 3 V batteries. Use only batteries of type CR2032. **Make sure the polarity is correct!**
4. Screw the battery housing cover back on.

Caution!

Keep batteries out of reach of children!

Troubleshooting

- The LEDs are only faint when lit up: Change the batteries.
- The LEDs do not light up at all: Check the polarity of the batteries.
- Move closer to the radio control or teach-in the Multi Channel Transmitter channels to the radio control(s) again.

Cleaning

Wipe the housing carefully with a damp lint-free cloth.

Caution!

Do not use solvent-based cleaning agents. These can damage your health and destroy the surface of the housing.

Disposal

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

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

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

Put the packaging material into the recycling bins for cardboard, paper and plastics.



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.

Conformity

This product conforms to the basic requirements of the R&TTE Directive 1999/5/EC.



For use in: EU/CH/FL/N/IS

The Declaration of Conformity can be found on the Internet at: www.eldat.de.

Customer Service

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

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D-15711 Zeesen
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