A B C D — LED's A, B, C, D

Preference Buttons A, B, C, D

Channel Buttons 0 bis 9

ENTER Buttons

E N T E R

Models

RT22-4139M-01 999 channels, 433.92 MHz
RT22-5039M-01 999 channels, 868.30 MHz

Scope of Delivery

Multi Channel Transmitter incl. batteries
Programming cable
Operating instructions

Technical data

Frequency:	433.92 or 868.30 MHz
Power supply:	2 x 3V batteries, CR2032
Indicator:	LED
Current consumption:	approx. 15 mA
Degree of Protection:	IP 54
Operating temperature:	-20℃ to +60℃
Range:	approx. 100 m under favourable free-field conditions
Dimensions:	150 x 60 x 22 mm
Weight:	approx. 100 g

Intended Use

The Multi Channel Transmitter was developed to operate ELDAT radio controls. The manufacturer does not assume any liability for damage caused as a result of 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 eather by directly pressing a preference button or by entering a 3-digit channel number followed by pressing the ENTER button.

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 factory coded. You can change the codes (see section "Code Changing Modes") and store up to 999 individual codes.

Start-Up

1. Take the contents out of the package. Check that the delivery is complete!
2. Transfer the codes of the Multi Channel Transmitter to the radio control (see operating instructions of the radio control).

Operation / Transmission

- Press the preference 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.

or

- Enter your channel number. Press the desired button combination for this and then press one of the ENTER buttons. The LED A lights up, and the transmitter transmits for a maximum of 36 seconds.

After releasing the buttons, the transmitter remains active for approx. 18 seconds so that pressing one of the ENTER buttons can immediately re-initiate transmission.

Note: Please press your channel number within 10 seconds.

Code Changing Modes

Teach-In:
Individual button codes can be taught in from already existing transmitters or the codes of the Multi Channel Transmitter can be transferred to other transmitters.
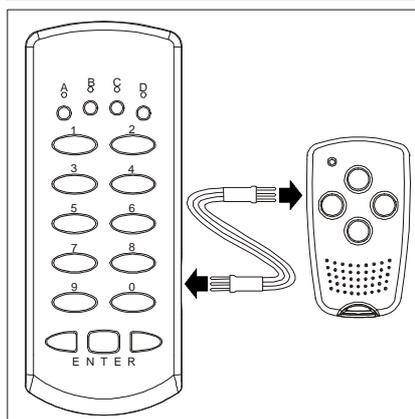
Duplicate:
The codes of all the buttons can be transferred in their entirety to another Multi Channel Transmitter.

Random coding:
A new code can be programmed on individual buttons or button combinations of the Multi Channel Transmitter.

Teach-In Procedure

Teaching-In – Hand Transmitter to Multi Channel Transmitter

1. Connect the source transmitter (Hand-Transmitter) and target transmitter (Multi Channel Transmitter) using the programming cable.
2. Press and hold button 2 of the target transmitter until the LED D lights up.
3. Press the middle ENTER button. The LED D flashes slowly.
4. Either enter the channel number into the target transmitter or press the preference button on the target transmitter that is to be taught in.
   Then press and hold the middle ENTER button until the teach-in process has been completed (see step 5).
5. Press and hold the button of the source transmitter for which the coding is to be transferred within 10 seconds.
   The LED D of the target transmitter flashes rapidly and lights up for about 3 seconds after the teach-in process has been completed.
   Release both bottons.

Teaching-In – Multi Channel Transmitter to Hand Transmitter

1. Connect the source transmitter (Multi Channel Transmitter) and target transmitter (Hand Transmitter) using the programming cable.
2. Either enter the channel number into the source transmitter and then press and hold the middle ENTER button, until the teach-in process has been completed (see step 3) or press and hold the preference button on the source transmitter that is to be transferred until the teach-in process has been completed.
3. Press and hold the channel button on the target transmitter that is to accept the code. The LED of the target transmitter flashes rapidly and then lights up after the teach-in process has been completed.
   Release both bottons.

Teaching-In – Multi Channel Transmitter to Multi Channel Transmitter

1. Connect the source and target transmitter using the programming cable.
2. Press and hold button 2 of the target transmitter until the LED D lights up.
3. Press the middle ENTER button. The LED D flashes slowly.
4. Either enter the channel number into the target transmitter or press the preference button on the target transmitter that is to be taught in.
   Then press and hold the middle ENTER button until the teach-in process has been completed (see step 5).
5. Either enter the channel number into the source transmitter and then press and hold the middle ENTER button or press and hold the preference button on the source transmitter that is to be transferred.
   The LED D of the target transmitter flashes rapidly and lights up for approx. 3 seconds after the teach-in process has been completed.
   Release both bottons.

Aborting the Teach-In Process

- Press the left or right ENTER button.

Duplicate

1. Connect both Multi Channel Transmitters using the programming cable.
2. Keep the button 0 on the target transmitter pressed (approx. 5 sec.) until the LED C lights up.
3. Press and hold the middle ENTER button on the target transmitter until the duplication process is completed (see step 5).
The LED C flashes slowly.
4. Press the button 0 and then the middle ENTER button on the source transmitter within 10 seconds. The coding is transferred and the LED D on the target transmitter flashes rapidly for approx. 70 seconds. The LED C on the source transmitter flashes slowly.
5. When the LED C on the target transmitter lights up for approx. 3 seconds, the duplication process is completed.
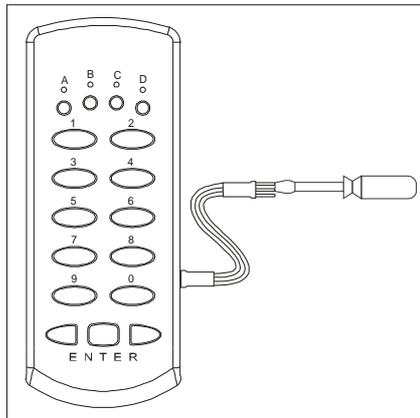
Aborting the duplicating process

- Press the left or right ENTER button.

Caution!
Please note that all transferred data has been stored on 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.
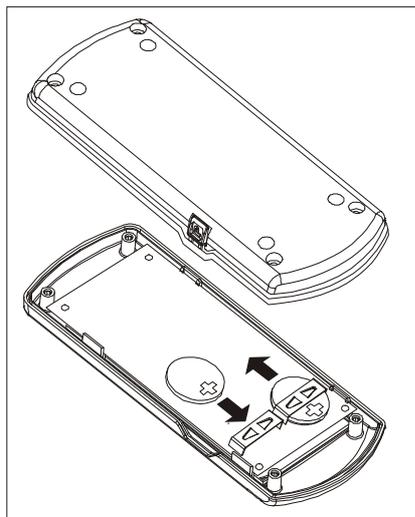

2. Press and hold button 1 until LED B lights up.
3. Briefly press the ENTER button. LED B flashes slowly.
4. Press the preference button or enter the channel number at this point for which a new random code is to be set.
5. Press and hold the ENTER button. LED B flashes rapidly.
If LED B stays lit up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

Caution!

The new code must be transferred to the radio control!

Replacing 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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