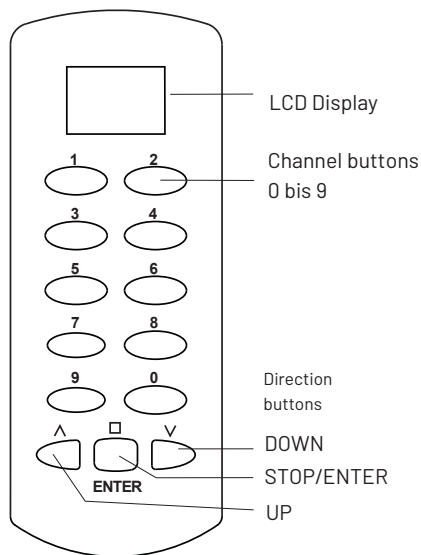


Digital 318

Multi-channel transmitter for impulse control



Versions

Digital 318 868 MHz
Digital 318 433 MHz

Safety advice



Attention:

- Please read these instructions carefully before connecting and using this unit!
- Also read the operating instructions of the radio receiver!
- When operating doors or other devices with this unit please always make sure that there are neither persons nor objects in the operating range!
- Check regularly whether the unit is ready for transmission!
- Have faulty devices checked by the manufacturer.
- Do not carry out changes to the unit in an unauthorized way.

Function

- With the Multi Channel Transmitter 318 a direction code (UP-STOP-DOWN) can be sent to a radio control.
- A channel is selected by pressing a three-digit channel number and then pressing one of the three direction buttons.
- The Multi Channel Transmitter is supplied factory-coded. You can change the coding and store up to 999 different codes (channels).

Use the Transmitter

1. Type in the channel number by pressing the respective button combination. The channel number is shown on the Display.
2. Now press one of the direction buttons (UP-STOP-DOWN). The transmission symbol is shown on the display and the transmitter transmits for max. 36 seconds.

After releasing the button the transmitter stays active for 12 seconds. In this time transmission can be activated again immediately by pressing one of the direction buttons (UP-STOP-Down). You cannot send with the button 0.

Transferring Codes

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

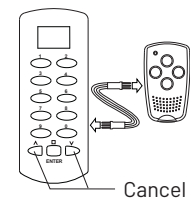
Code Transfer is only possible between the transmitters of the same kind. It is not possible to transfer codes from transmitters with direction function. If in doubt ask your retailer or the manufacturer.



Press the left or right ENTER-button to cancel the transfer process.

Learning - hand transmitter to multi-channel transmitter:

1. Connect the source transmitter (hand transmitter) and the target transmitter (multi-channel transmitter) by means of the programming cable.



2. Keep button 2 on the target transmitter pressed until the memorizing symbol flashes in the display.
3. Press Enter. The symbol in the display is shown continuously.
4. Type the channel number into the target transmitter. Press and hold down the ENTER button. The display shows the memorizing process.

5. Within 10s press the button of the source transmitter of which the code is supposed to be transferred. Keep it pressed until the display shows the completed process.
6. Release both buttons and remove the programming cable.

Learning - multi-channel transmitter to hand transmitter

1. Connect the source transmitter (multi-channel transmitter) and the target transmitter (hand transmitter) by means of the programming cable.
2. Type the channel number into the source transmitter and keep the middle ENTER button pressed. The transmission process is displayed.
3. On the target transmitter keep the channel button pressed of which the code is supposed to be transferred. The LED of the target transmitter flashes rapidly and lights up continuously after the code has been memorized.
4. Release both keys and remove the programming cable.

Learning of single codes - multi-channel transmitter to multi-channel transmitter

1. Connect the source transmitter and the target transmitter by means of the programming cable.

2. Keep button 2 on the target transmitter pressed until the display flashes.
3. Press Enter. The symbol in display is shown continuously.
4. Type the channel number into the target transmitter. Press and hold down the middle ENTER button. The display shows the memorizing process.

5. Type the channel number into the source transmitter. Press and hold down the ENTER button. The display shows the memorizing process.

The display of the target transmitter shows the completed process.

6. Release both ENTER buttons and remove the programming cable.

Duplicating

The codes of all the channels can be transferred from one Multi Channel Transmitter to another Multi Channel Transmitter at once.

1. Connect both multi-channel transmitters by means of the programming cable.
2. On the target transmitter keep the 0 button pressed until the duplication symbol flashes in the display and hold than the Enter-button pressed. The symbol in the display is shown continuously.
3. Within 10 seconds press the button of the source transmitter briefly and then the ENTER-button. You can release the ENTER-button of the target transmitter now. The transmission of the codes takes about 70 seconds and is shown in the display of both transmitters
4. As soon as the duplication process is completed the symbol on the right flashes on the display.
5. Remove the programming cable

Cancel duplicating

- Push the UP or DOWN ENTER button.

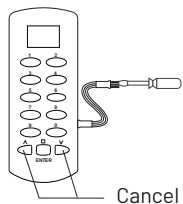
Attention:

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






Random Coding

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

1. Insert the programming cable into the socket on the Multi Channel Transmitter and shortcircuit one of the outer pins with the middle pin.

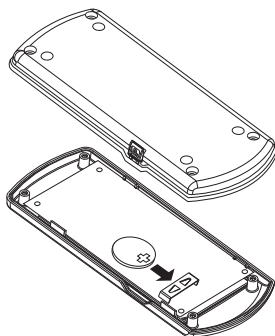


The connection of the pins must be kept until the random coding process is completed.

2. On the target transmitter keep the 1 button pressed until the random coding symbol flashes in the display. 
3. Press Enter. The symbol in the display is shown continuously. 
4. Within 10 seconds type in the channel number for which the random code is supposed to be memorized. Then hold down the middle ENTER-button. The display shows the process. As soon as the process is completed the symbol on the right flashes on the display. Release the ENTER button. 


5. Remove the programming cable.
6. Transfer the new coding to the radio control! For this also see the operating instructions of the radio control.

Change of battery

1. Open the bottom of the housing.



2. Remove the old batteries.
3. Insert new 3 V batteries (type: CR2032).
Test the function. Observe right poling!
4. Close the bottom of the housing again.



Advice:

When changing the battery the saved data remain unchanged.

Trouble shooting

- The display only lights up faintly:
Change the batteries.
- The display does not light up at all:
Check the poling of the batteries.
- In case the receiver does not react all the same:
reduce the distance to the RC remote control or transfer the channels of the multi-channel transmitter to the RC remote control(s) again.

Cleaning

Carefully wipe the housing with a damp and lint-free cloth.

Attention:

Do not use cleansing agents containing solvents. These are hazardous for your health and will destroy the surface of the housing.

Technical details

Frequency:	868,3 MHz (max. 0.9 mW)
	433,92 MHz (max. 0.28 mW)
Power supply:	1 batteries 3V, CR 2032
Power consumption:	approx. 10.4 mA
Protection category:	IP 54
Range of temperature:	0°C to 50°C

Disposal

Waste electrical products may 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.



Correct use

The multi-channel transmitter has been developed to operate radio-controlled devices. The manufacturer is not liable for damages that occur due to incorrect or faulty use!

Simplified EU declaration of conformity

Hereby, Marantec Antriebs- und Steuerungstechnik GmbH & Co. KG declares that the radio equipment type Digital 318 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: marantec.group/conformity



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