

MANUAL RZ-D-4.40WD / RZ-D-4.433WD



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REMOTE CONTROLS

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1: PREFACE

The transmitter RZ-D 4.(433)(40)WD is designed to replace the outdated RZ-x.(433)(40)-10 and RZ-x.(433)(40)-100 transmitters.

The display in combination with the "+/- 10 'and' +/- 1 'buttons have the same function as the thumbwheel switches in the old RZ-transmitters.

The 433Mhz version is therefore completely interchangeable.

For the 40Mhz version however, is an exception.

The first thumbwheel (1 numbers) from the old 40Mhz version is not necessarily compatible with the new version.

In this case, the coding of the old receiver will have to be modified.

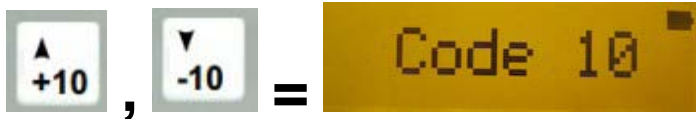
See page 11 'Binary coding' for the correct code settings

The second thumbwheel (10 numbers) is interchangeable without modification.

For questions please contact your supplier..

2: NORMAL FUNCTIONS

2.1: Setting the code



The "+10" and "-10" buttons are used to change the 10 numbers of the coding from '0x' to '9x'



De '+1' en de '-1' buttons are used to change the 1 numbers of the coding from 'x0' to 'x9'.

2.2: Operating a function



Press a function key, after selecting an unblocked code, for switching the corresponding relay of the receiver.

The switched function is shown in the display as F1, F2, F3 or F4.



If the selected code is blocked, you will see a padlock before the code. If you activate a function key, you will see a padlock in the display:



See page 8 'Menu Page 4' for more information about blocking certain codes.

2.3: LOW BATTERY

When the battery power is too low, the activated function will blink and a 'low battery' symbol appears in the display:



3: MENU FUNCTIONS

The transmitter has a number of menu pages to set some options.
If a button is not operated for about 10 seconds, the transmitter exit the menu.

3.1: Menu page 1

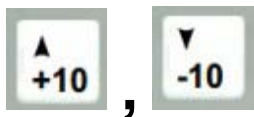
Push '+10' until next display appears:



At the bottom left is the program number.

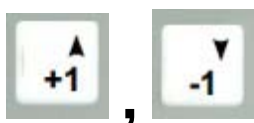
Bottom right is the software version.

The numbers '1' and '2' sets the 1st and 2nd slide switches in accordance with a standard 10-pole DIP switch.



Push '+10' or '-10' to change the position of switch '1' to '2' or from '2' to '1'

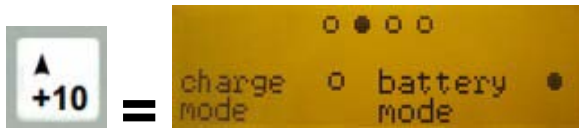
The selected switch will blink.



Then push '+1' or '-1' to change the selected switch from 'ON' to 'OFF' or 'OFF' to 'ON'.

3.2: Menu page 2

Push '+10' until next display or '-10' to exit the menu.



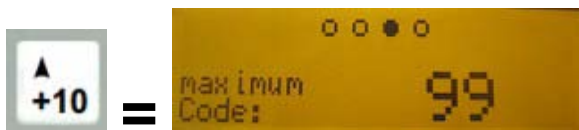
For the right battery indication, it is important to set the battery type. 'charge mode' is for rechargeable batteries and 'battery mode' for normal batteries.



Push '+1' to change the setting.

3.3: Menu page 3

Push '+10' until next display or '-10' to exit the menu.



This menu is to set a maximum number of selectable codes. For example, a setting of 50 has the result that the available codes run from 00 to 50. This setting should remain at 99. After the removal of the battery another number will always be reset to 99. In later versions, a setting of the lower limit are also possible, e.g. 27 to 49, and the preset number will be retained after changing the battery.

3.4: Menu page 4

Push '+10' until next display or '-10' to exit the menu.



In this menu you can block individual codes.

Push '+/-10' and '+/-1' to change the code.

With one press of a number key, you can block or unblock the code.

The blocked code is indicated with a padlock:



A blocked code will not function.

3.5: Exit the menu



Press '-10' until the transmitter exit the menu or wait until the transmitter automatically exit.

4: KEY LOCK

It is possible to lock the transmitter at a preset code.

Set the desired code.

Press both '-10' and '-1' simultaneously and hold it down until the key symbol appears in the display.

The code can no longer be changed.

Repeat the above procedure to remove the lock.



5: FACTORY RESET

If the transmitter, for whatever reason, no longer functions, a general reset can be performed.

Proceed as follows:

- remove the battery
- hold the '-1' key and place the battery
- release the '-1' key.

Factory settings are:

- code 1+2 in the 'ON' position
- battery mode
- All codes available

6: BINARY CODING

If the transmitter is used with a receiver with a 10-pin dipswitch, the codes must be set manually.

The coding is divided into two groups, the 1-numbers and 10s.

'1' = on, '0' = off

De coding of the 1-numbers is as follows:

NUMBER CODING **7+8+9+10**

x0:	0+0+0+0
x1:	0+0+0+1
x2:	0+0+1+0
x3:	0+0+1+1
x4:	0+1+0+0
x5:	0+1+0+1
x6:	0+1+1+0
x7:	0+1+1+1
x8:	1+0+0+0
x9:	1+0+0+1

De coding of the 10s is as follows:

NUMBER CODING **3+4+5+6**

0x:	0+0+0+0
1x:	0+0+0+1
2x:	0+0+1+0
3x:	0+0+1+1
4x:	0+1+0+0
5x:	0+1+0+1
6x:	0+1+1+0
7x:	0+1+1+1
8x:	1+0+0+0
9x:	1+0+0+1

For example, if number 38 is set, the coding is as follows:

$3x = 0+0+1+1 = 3+4$ off, 5+6 on

$x8 = 1+0+0+0 = 7$ on, 8+9+10 off

The remaining codes 1+2 are set by software

See chapter 3.1, page 6

7: NOTES