

DATA SHEET

Receiver MXO RXC87E-D, DSM2/DSMX

Order no. 17100

Radio receiver module MXO

MXO radio receiver module, 2.4 GHz, for DSM2 and DSMX with extremely compact dimensions. In addition to a motor and servo output, the receiver offers connections for lights, direction indicators and hazard warning lights, brake lights, reversing lights and rotating beacons. The receiver is DSMX and DSM2 compatible. This means that the Jumper T-pro, the Radiomaster MT12 or another spectrum-compatible transmitter can be used as a remote control.



TECHNICAL DATA:

- Dimensions: 10 x 12 mm
- Weight: 1 gram
- Protocol: DSMX & DSM2
- Voltage: 3.7 V
- Speed controller: 3A peak max.
- Speed control clock: 250

CHANNEL CONTROL:

- | | |
|-------------------------|-----------|
| - Steering servo | Channel 1 |
| - Motor | Channel 2 |
| - Brake light | Channel 2 |
| - Reversing light | Channel 2 |
| - Driving light | Channel 5 |
| - Indicator | Channel 6 |
| - Hazard warning lights | Channel 7 |
| - Rotating beacons | Channel 8 |

Binding:

15 seconds after the receiver is switched on, it goes into bind mode if no bound transmitter has been found. The LED then changes from slow flashing to fast flashing. Then switch the transmitter to bind mode as well.

The receiver indicates the start of the binding process by changing the flashing frequency. The binding process is complete after 10 seconds. The receiver and transmitter should now be switched off. The next time they are switched on, both will be ready for operation.

The procedure may vary slightly depending on the transmitter used. If binding has not worked, the position and distance between the transmitter and receiver should change. Other 2.4 GHZ signals may also interfere with the binding process.

Operation:

- The LED lights up when the drive motor is in the neutral position. If another model is driven via Model Select, the LED flashes.
- The receiver has a fixed zero point. The controller is only activated when the throttle stick is set to 'neutral' (1500ms) after switching on.

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- The model has a brake function. If the throttle stick is pulled backwards from forward travel, the model brakes. Only when the stick is briefly moved to the neutral position can the model be driven backwards in reverse.
- The outputs switch plus. This means that the loads must be connected to a common negative and soldered with their positive side to the respective receiver output (see circuit diagram).

Optional wiring with drive and light function

