

SuperMicro MXL-RX6H Receiver Module - Spektrum DSM2/DSMX

A web page version of this document can be found at http://www.micronradiocontrol.co.uk/product/oversky/sm_rx6h_dsm.html where you will be able to view larger versions of the images.

This Spektrum **DSM2/DSMX micro receiver module** is for single cell operation (max 5V) and has 2 on-board servos plus a 2A brushed motor ESC. The servos are connected to the rudder and elevator channels and there are 2 JST-SH sockets for aileron and reversed aileron. Dimensions (WxLxH): 24.5 x 22.5 x 8mm, Weight: 3.9gm

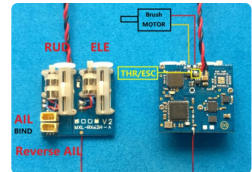
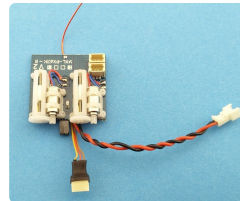


MXL-RX6H-A1 DSM2/DSMX Receiver Module

A 2 pin 1.27mm pitch socket allows connection to the brushed ESC - this socket is compatible with the plug fitted to many micro motor/gearbox units; 2 pin 1.27mm plugs are **available** for conversion of motors without this connector. The throttle signal is available on a circuit board pad for connection of an external ESC and the receiver is optionally available with this wired to a JST-SH socket on a short lead. The receiver may be powered via an external ESC using this JST-SH socket.

Connections

With the servo gear wheels uppermost, the rudder servo is on the left and the elevator servo is on the right. The brushed motor socket is located in between the servos next to the battery lead. The aileron and reversed aileron sockets are at the bottom left of the receiver board. If you have purchased the receiver with the optional external ESC socket, the lead to this socket is located next to the brushed motor socket on the bottom of the board. The throttle signal on the JST-SH socket is always enabled whereas the on-board ESC is 'armed' only when a low throttle signal is 'seen'.



Binding

The receiver enters bind mode about 10 seconds after switch on if no existing bound transmitter is found. To bind:

- connect power to the receiver and wait a few seconds for the LED to flash fast
- turn on your transmitter in bind mode and wait for the LED to light continuously
- the receiver is now bound to your transmitter
- remove power from the receiver
- connect power to the receiver to verify correct operation of the controls