PCB L/213

WiDMX OEM DMX 512 RECEIVER
MECHANICAL DRAWING

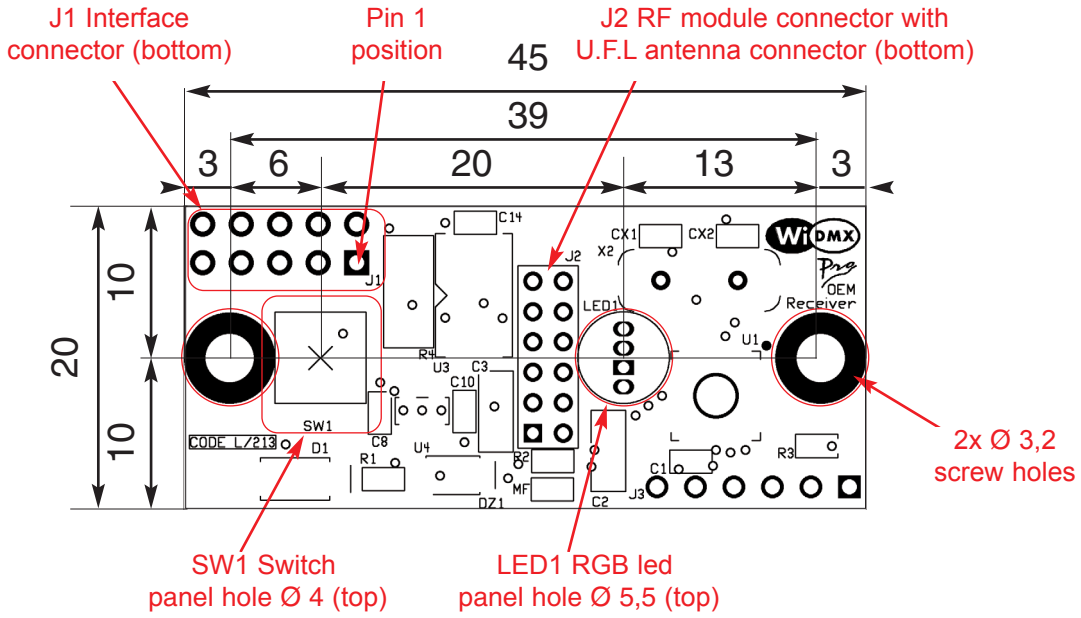

Figure 1 WiDMX PCB layout and dimensions (units in mm) scale 2:1

J1 pin configuration is found below.
If you use switch and led of the pcb you need to connect only 4 pins > Pin 1. 2. 3. 6.

Pin no	Pin function
1	DMX link common (DMX GND)
2	DMX data –
3	DMX data +
4	Function switch
5	Signal LED pin
6	DC input 5±0,2V
7	GND
8	DC input 5±0,2V
9	No Connect
10	No Connect

Connector J1
DC-power and DMX are connected to a standard 2x5 2.54mm pin header
Refer to Figure 2 for pin position

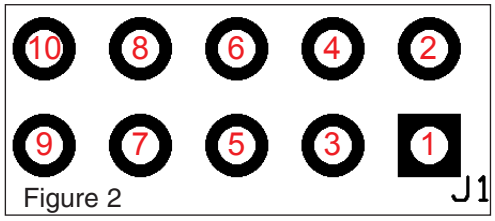

Figure 2

WiDMX OEM is easily controlled by a single function switch and the status of the receiver is indicated by a RGB led.

LED FUNCTION

Slow blinking: Receiver **OK**, no **DMX 512** signal.
Fast blinking: Channel research.
Switched on, then blinking every 10 seconds: **DMX 512** signal **OK**.
Red/green/blue alternate blinking: No Pairing.

USE OF THE SWITCH

To turn on / off the led blinking every 10 seconds, press the switch 5 times.

To visualize the state of the receiver, press the switch once, the led visualizes the state for two seconds.

To delete Pairing, press the switch for more than five seconds, the led starts blinking red/green/blue.

THE SMALLER OEM PCB

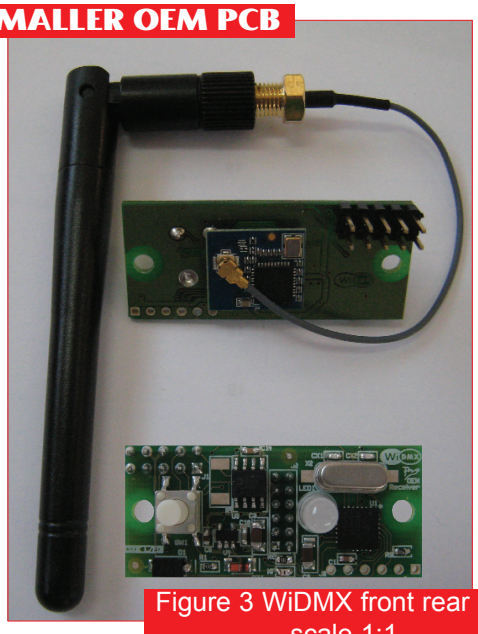

Figure 3 WiDMX front rear PCB scale 1:1

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