

MPX PCB ADAPTER

Direct and reliable soldering wires with connector



MPX PCB ADAPTER

General information

SAFETY

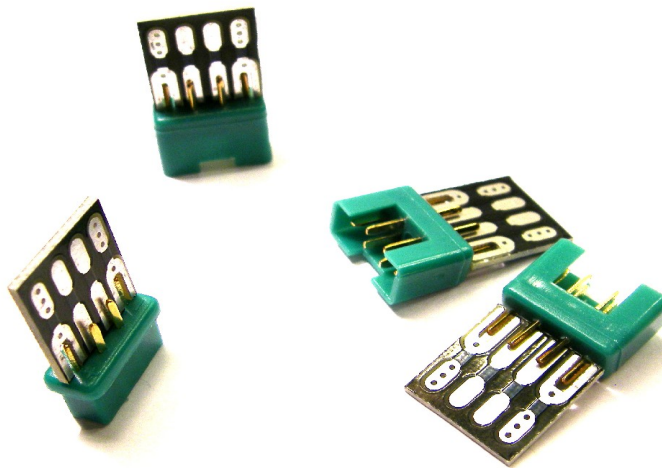
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Device features

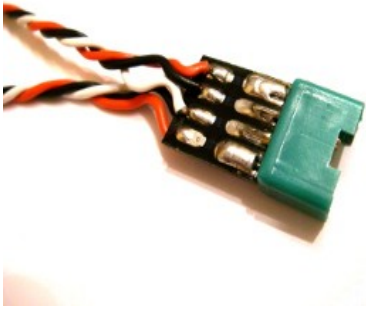
MPX PCB ADAPTER was designed to simplify soldering servo wires with MPX connector. Besides this the joint is more robust in case of vibrations.



All six pins of the MPX connector are transferred to the adapter PCB. However, the adapter has 8 soldering pads. It's because the outside ones at both sides are connected together in pairs.

The most common functionality is to connect two independent servos to one MPX connector, for example two wing servos.

Method of application



1. Fit the MPX connector to the PCB ADAPTER.

2. Use Flux or other active agent for soldering.

3. Heating with iron connector pin and adapter pad simply add solder.

4. Make sure the pins are firmly soldered.

5. Add flux and solder to the wire pads

6. During heating solder at the wire pad simply add a wire and cover it with solder.

7. Clean the soldering joints using alcohol

8. You can use a shield for the cables.

9. Now use a heat shrink tube over the adapter.

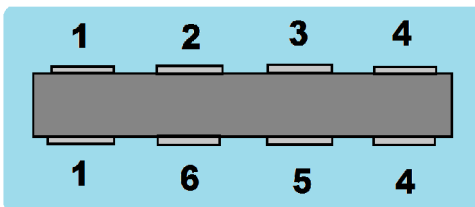


Diagram shows how the adapter pads are connected with the MPX pins.

The are two „1” and „4”. It means that those pads are connected together in pairs and uses one pin of the MPX connector.

When connecting a two servos to the MPX it would look like this:

SERVO 1:

- PWR + (typ. Red) : Pad no 1
- SIGNAL (typ. White or yellow): Pad no 2
- GND – (typ. Black): Pad no 3

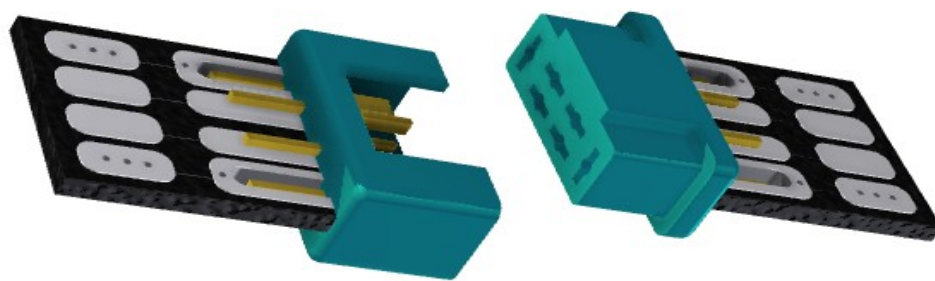
SERVO 2:

- PWR + (typ. Red): PAD no 4
- SIGNAL (typ. White or yellow): Pad no 5
- GND – (typ, black or brown): Pad no 6

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Technical data



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Os. Przyjaźni 13/80, 61-687 Poznań, POLAND Tel.: +48(0)535792010 www.setlo.com e-mail: info@setlo.com