

Technical Instructions **PowerJack 7009 Servobox [2309]**

Please read carefully before use !

Overview



The **PowerJack 7009** is a 8 channel Servobox with buffered voltageregulator for the 7008SB (6308SB) family receivers. It is directly plugged onto the receiver by precision jacks. A high current MPX-jack can directly be connected with a battery by a power-switch harness.

Connection

The 8 servo outputs can handle both JR- and Futaba-connectors. These outputs are directly linked to the green MPX-jack by high current tracks. A suitable power switch harness with an integrated JR type charging jack is the article-No: 2222.

The green MPX-high current connector uses 3 pins together for the plus (+) and 3 pins together for the minus (-) pole. See connector for the right (+) and (-) marking.

Tips and Hints

- The design of the PowerJack 7009 is light and simple. For a good ventilation the housing is not closed on all sides. Because of this, take care to avoid contact with metal items such as loose screws or tools, which could cause a short circuit !
- The 5V-voltage regulator for the receiver is of 1A Low-Drop type. It has an integrated false polarity and overload protection. The servo power supply (battery) is directly connected to the MPX-jack and have no reverse polarity protection !
- The Max-amplifiers of the PowerJack 7009 buffers the servo signals to 5V-level. This enables several servos to be operated from one output over long leads.
- Pay attention to all the receiver 7008SB (6308SB) family related tips and hints of the manufacturer for a safe operation in your model. Check your model installation thoroughly before test flying. A radio range-check and fully charged batteries are mandatory before each flying session.

Power supply	4.5 V to 8.5 VDC direct to the servos
Weight	15 g
Outputs	JR/UNI/Futaba with gold-pins
Dim. (W x H x D):	38 x 28 x 16 mm