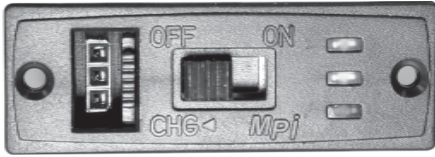


# Charge Switch

with On-board Battery Checker



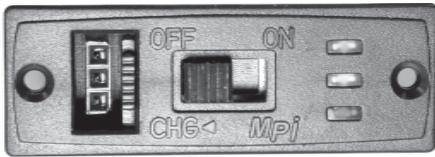
5170 for Futaba J



- Heavy duty switch & wires,
- Sturdy one-piece design,
- Built-in redundancy,
- 3-LED on-board battery checker,
- Compatible with 4.8v & 6V Rx packs,
- Easy installation & operation,
- Silicone shock mount included,
- DSC compatible.

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## Introduction

Congratulation on your purchase of the MPI Charge Switch with On-Board Battery Checker. It has a 3-LED display to monitor the status of the flight pack. It is designed to test the battery under the actual load of the on-board equipment.

The switch is factory preset to 4.8V applications. For 6V use, simply cut the jumper loop on the back of the switch and seal the wires with silicone glue or tape. The jumper wires can be reconnected for 4.8V operation.

## Installation

- Mount the unit in a visible area away from engine exhaust residue.
- Secure the switch to the fuselage by sandwiching the silicone rubber pad between the switch frame and fuselage with the included screws. Do not over tighten the screws.
- Connect the unit to the flight battery and receiver as a regular switch. Observe the polarity of the system before making the connection.
- **Warning!** The switch housing should not be exposed directly to solvents, thread locker, harsh cleaners, or gasoline. Exposure to these products will make the plastic brittle.

## Operation & Cautions

- To test the battery, move all sticks simultaneously and observe the LED. If the yellow or red LEDs begin to flicker, it is time to recharge the Rx pack. If this happens to a newly charged battery, check the condition of the battery and charger. Also check the installation push rods since binding push rods can cause excessive current draw and depress the battery voltage.
- Do not apply voltage higher than set voltage. High voltage will damage the unit.



**MPI Hobby**  
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[www.mpihobby.com](http://www.mpihobby.com)

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