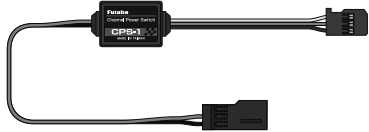


Before using your new CPS-1, please read this manual thoroughly and use the system properly and safely. After reading this manual, store it in a safe place.

**Channel Power Switch
CPS-1**



**INSTRUCTION
MANUAL**

Thank you for buying a CPS-1 Channel Power Switch.

When illumination (LED^{*1}) is mounted to dress up the fuselage, the LEDs can be turned ON/OFF^{*2} while running by using this CPS-1 unit to connect to a vacant switch channel. The CPS-1 can also be used to control ON/OFF of wing lights (LED), etc. to increase the visibility of an airplane or helicopter fuselage.

^{*1} The CPS-1 comes with two dedicated high-brightness LEDs (w/connector)
^{*2} To control ON/OFF, a vacant switch channel is necessary at the system being used.

Usage Precautions

⚠ WARNING

- ⚠ When 5 or more LEDs, etc. are connected, the CPS-1 can be used within a range over which the maximum current (200mA) is not exceeded. Also be careful of the wiring because it is easily affected by noise. It may cause erroneous operation.
- ⚠ Use the CPS-1 within a range over which the total current consumption including the servos does not exceed the ESC regulator capacity. It may cause erroneous operation.

<Other precautions>

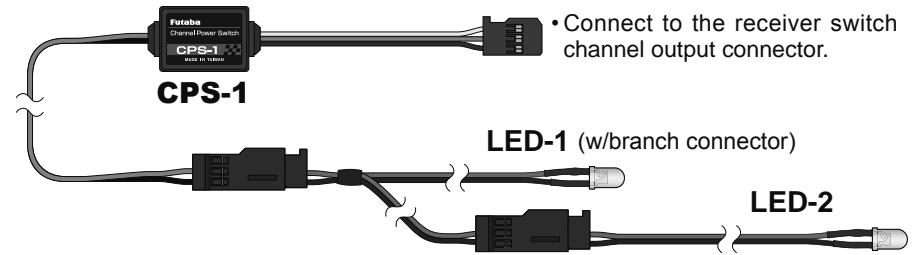
- A voltage drop, etc. may cause the LEDs brightness to change.
- If used with a receiver other than a Futaba product, the CPS-1 may not operate normally depending on the maker's specifications (response mode, etc.) In this case, set to the normal mode and check.
- Operation cannot be guaranteed when the CPS-1 is combined with LEDs other than Futaba products.

Futaba Corp. will not be responsible for damage caused by combination with other than Futaba Genuine parts.

[CPS-1 Ratings]

- Dimensions: 16.0x22.0x7.6mm (0.63x0.87x0.30in.) (excluding protruding)
- Weight: 5.9g (0.21oz.)
- Current drain: 10mA at 6.0V
- Output voltage: Depends on the receiver power supply.
- Output current: 200mA or less
- Power requirement: Ni-Cd, Ni-MH 4 to 5 cells equivalent battery
- Operating temperature range: -10 to +45°

Usage Method



•Connection

- 1 Connect the CPS-1 to the receiver switch channel output connector.
- 2 Connect accessory LED-1 (w/ branch connector) to the CPS-1 and connect LED-2 to the branch connector.

*Connect LEDs as required.

•Transmitter setting

- 1 At the transmitter, operate the switch channel ON/OFF switch and check the direction of operation, etc. If the ON/OFF directions are reversed, change them using the transmitter's reverse function.

*When the neutral position has been shifted substantially by sub trim, etc., normal ON/OFF operation may not be possible.

Meaning of Special Markings

Pay special attention to safety where indicated by the following marks:

⚠ DANGER	Procedures which may lead to dangerous conditions and cause death/serious injury if not carried out properly.
⚠ WARNING	Procedures which may lead to a dangerous condition or cause death or serious injury to the user if not carried out properly, or procedures where the probability of superficial injury or physical damage is high.
⚠ CAUTION	Procedures where the possibility of serious injury to the user is small, but there is a danger of injury, or physical damage, if not carried out properly.

⊘ = Prohibited

ⓘ = Mandatory

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