User Manual

product Name: 4 CH 2.4GHZ FHSS RADIO CONTROL SYSTEM

Model Name: MT-403（Transmitter）,MR-600（ Receiver）

Product specifications are subject to change without notice. Due to ongoing development, the actual product may vary from images shown.

This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

This product is not a toy! Recommended for ages 14 and up. Adult supervision required for ages under 18 years old. Contains small parts, keep out of reach of children 3 years of age and younger.

Distributed in the UK by:
J Perkins Distribution Ltd,
Lenham, Kent, ME17 2DL
United Kingdom
www.jperkins.com

To download the full Owner's Manual & Technical Information Guide, please visit www.jperkins.com

MADE IN CHINA

Identify the transmitter's features and function switches.

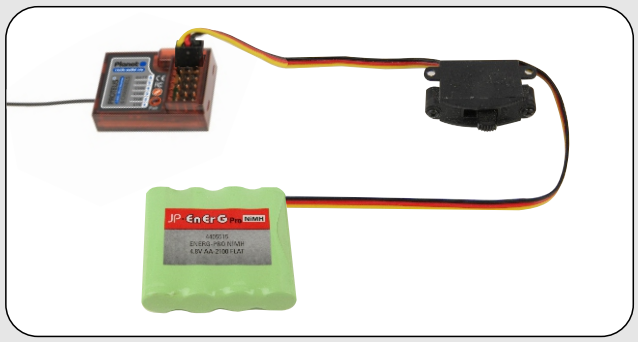
1. Channel 1 (right hand gimbal)
2. Channel 2 (left hand gimbal)
3. Channel 3 (3 position switch)
4. Channel 4 (variable dial)
5. Dual Rates switch for CH2
6. Dual Rates switch for CH1
7. Dual Rates adjustment for CH2
8. Dual Rates adjustment for CH1
9. Digital Trims and CH1/2 reverse
10. Pair button
11. Power switch
12. Folding aerial

Getting started

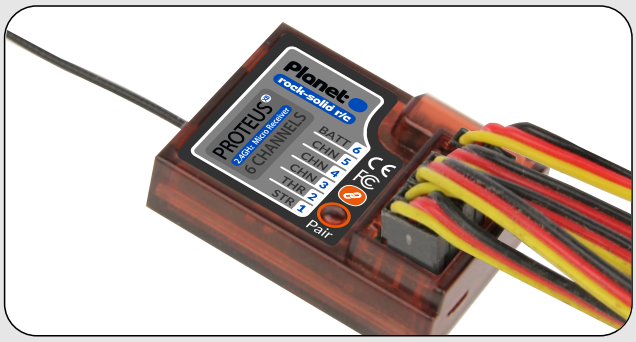
Remove the components from the box and ensure you have the following items:
Planet 2+2 transmitter (Tx)
Planet 6 channel receiver (Rx)

Remove the transmitter battery cover and insert four AA alkaline cells (not included)

Connect a fully charged 4.8V or 6V battery to the receiver's "BATT" socket via a regular switch harness. If you are connecting a ESC with a BEC circuit this is to be connected to CH2

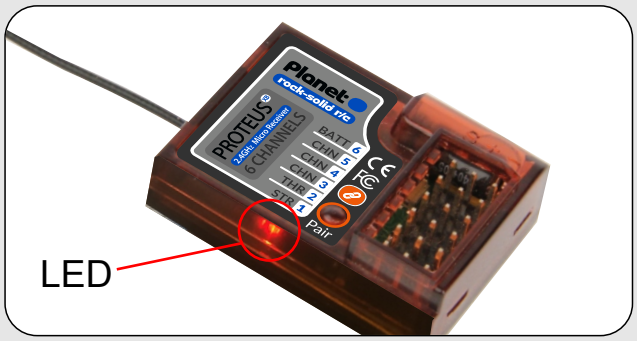


Connect the servo leads to the receiver channel outputs as required. Active channel 1-4.

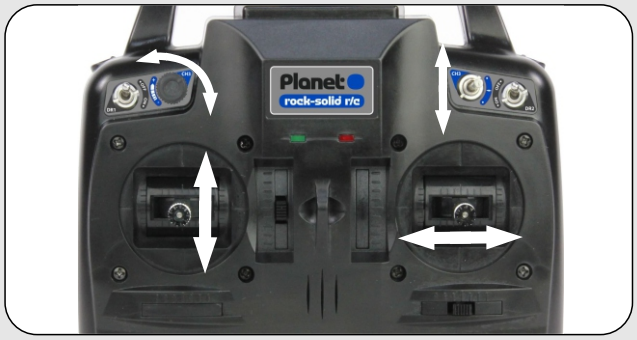


Turn on the transmitter by the Power switch. The red Power LED will illuminate. The transmitter will emit a bleep which will then be followed by the green LED illuminating. The transmitter is now searching for the receiver signal.

Turn on the receiver power and note the receiver LED will illuminate a solid red. This indicates it has successful paired with the transmitter.

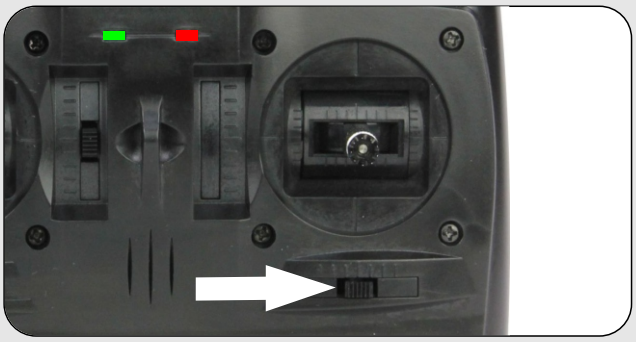


Check all controls are working as they should do. Move both sticks to check for correct movement. If the Aux 4 dial and Aux 3 channels are connected test these as well for correct operation.

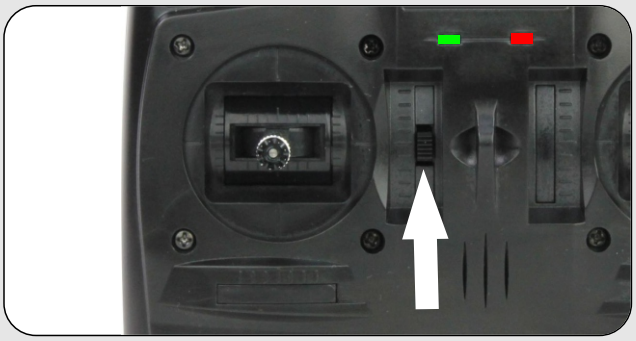


Servo Revers - The ability to reverse CH1 and CH2 servo directions.

To reverse CH1, power off the Tx. Hold the trim on the right gimbal to the right and turn the TX power back on. Keep holding the over until the green LED goes solid. Release the trim button and check for correct operation.
To reverse the servo back again just repeat the process.

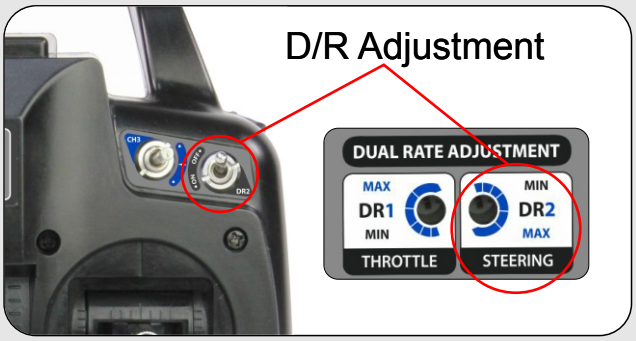


To reverse CH2, power off the Tx. Hold the trim on the left gimbal up and turn the TX power back on. Keep holding the trim up until the green LED goes solid. Release the trim button and check for correct operation.
To reverse the servo back again just repeat the process.

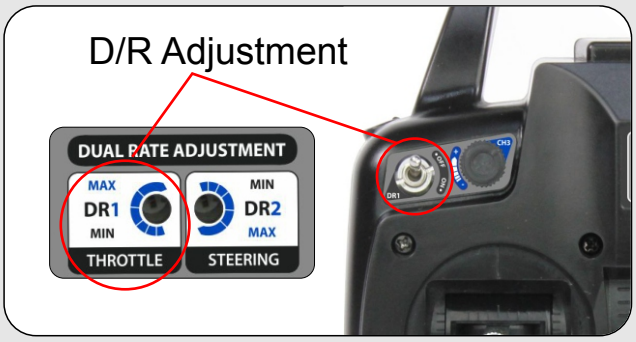


Dual Rates (D/R) - The ability to reduce the movement of CH1 and CH2

Adjusting CH1 D/R.
When the DR2 switch is in the off position full travel is given to the receiver CH1 servo output. When the DR2 switch is in the On position the travel of the servo is determine by the position on the DR2 dial on the dual rate adjuster panel. Clockwise gives you more travel, anti-clockwise gives you less.



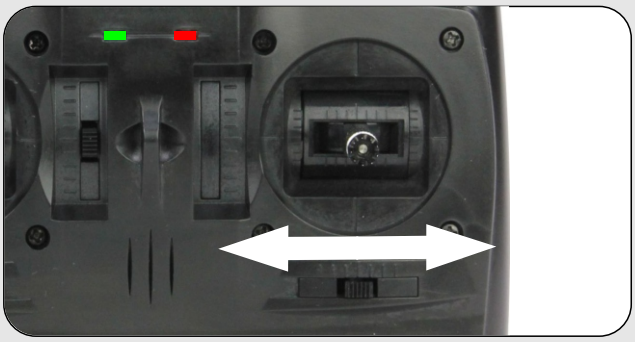
Adjusting CH2 D/R.
When the DR1 switch is in the off position full travel is given to the receiver CH2 servo output. When the DR1 switch is in the On position the travel of the servo is determined by the position on the DR2 dial on the dual rate adjusting panel. Clockwise gives you more travel, anti-clockwise gives you less.



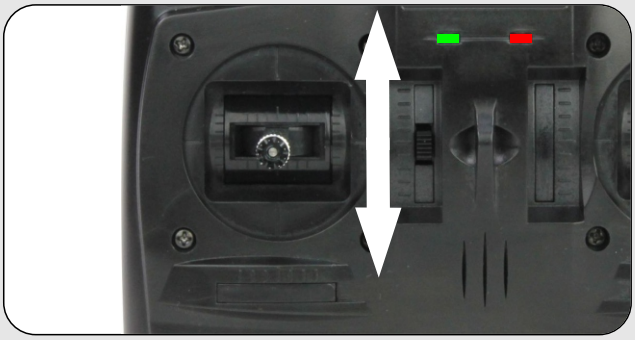
Note - When using electronic ESCs on CH1 or CH2 it is essential that the switches are in the Off position when powering the transmitter and the receiver. This allows the ESCs to calibrate correctly.

Trims - The ability to centre the servo outputs on CH1 and CH2

To adjust the centre point of the receiver CH1 output, hold the trim button on the right gimbal to the left or the right as needed.

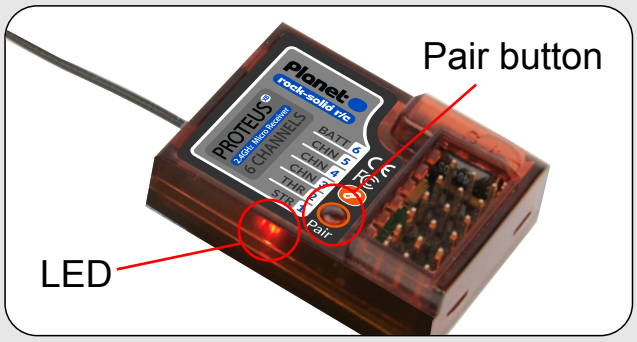


To adjust the centre point of the receiver CH2 output, hold the trim button on the left gimbal up or down as needed.



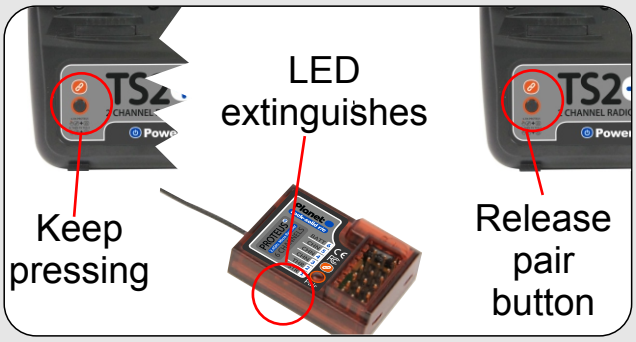
Pairing - The ability to connect the transmitter to the receiver.

To Pair a new or old receiver to the transmitter, turn off the Tx power. Press and hold the Pair button on the receiver while powering on the receiver. Once power has been switched on release the Pair button and the red LED on the receiver will start to flash. The receiver will stay in Pair mode for 10 seconds.

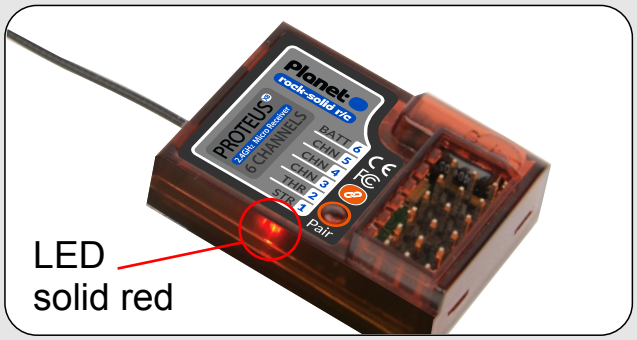


Turn on the transmitter power. As soon as the red and green LEDs are illuminated press and hold the Pair button.

Keep holding the transmitter Pair button until the receiver LED is extinguished. When the LED has extinguished release the transmitter Pair button.



The receiver LED should now illuminate a solid red. You should now have connection between transmitter and receiver.



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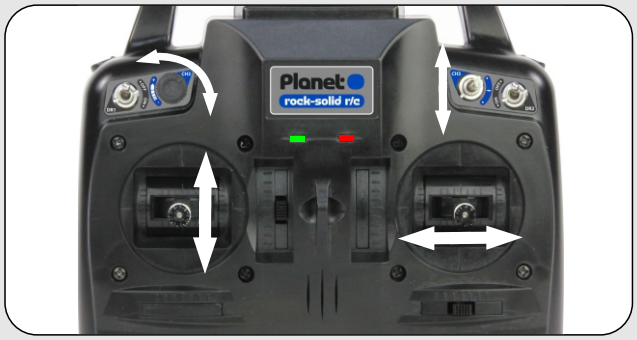

J Perkins Distribution Warranty Information

This product is covered by the current statutory guarantee regulations. If you wish to make a warranty claim, please contact the model shop where you originally purchased the product from. You should also present your proof of purchase.

- The guarantee does not cover faults or damage caused by:
- Incorrect handling or operation
- The use of incompatible accessories
- Modification or unauthorised repairs
- Accidental or deliberate damage
- Normal wear and tear
- Using the product outside of its stated specification

J Perkins Distribution accepts no liability for loss, damage or costs which are incurred due to the incorrect or incompetent use of the product.

Declaration of Conformity

CE Conformity Declaration

This device has been tested in accordance with the relevant harmonised European directives. This product's design fulfils the protective aims of the European Community relating to the safe operation of this equipment.
For a copy of the Declaration of Conformity, please visit:

Disposal

Electrical equipment marked with the crossed out wheelie bin symbol must not be disposed of in household waste, but must be taken to a specialist disposal or recycling system. In EU member countries, electrical equipment must not be discarded via the normal domestic refuse channels (WEEE - Waste Electrical and Electronic Equipment Directive 2002/96/EG). You should take unwanted electrical equipment to your nearest local authority waste collection point or recycling centre.

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Lenham, Kent, ME17 2DL
United Kingdom
www.jperkins.com

FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

RF exposure statement :
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition with out restriction.

The distance close to the finger usually should be 60mm.