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Acouto Acoutoefrpcb6731

User Manual

5PCS SERVO REVERSER

Brand: Acouto | Model: Acoutoefrpcb6731

Introduction

The Acouto Servo Reverser is an essential component for remote control (RC) enthusiasts, designed to precisely control the rotation direction of RC servos. This device allows for seamless forward or reverse movement, enhancing the precision and accuracy of your RC equipment. It is compatible with a wide range of RC aircraft and other steering gears, offering stable and reliable performance within an operating voltage of 3.6-24V and a current capacity of 5A. Crafted from durable ABS material, this reverser is built for long-lasting use and high wear resistance.

Key Features

- **Rotation Control:** Offers precise control over the rotation direction of the servo, allowing for seamless forward or reverse movement with accuracy.
- **Effortless Installation:** Simple installation process requiring connection in series to the reverse servo channel of the receiver.
- **Stable Performance:** Operates within a voltage range of 3.6 to 24V and handles up to 5A, ensuring consistent and stable performance.
- **Versatile Applications:** Suitable for controlling and operating a wide range of RC equipment, including RC craft and various steering gears.
- **Long-lasting Durability:** Crafted from high-quality ABS material, known for its excellent hardness and wear resistance, ensuring extended product life.

Package Contents

- 5 x Servo Reversers

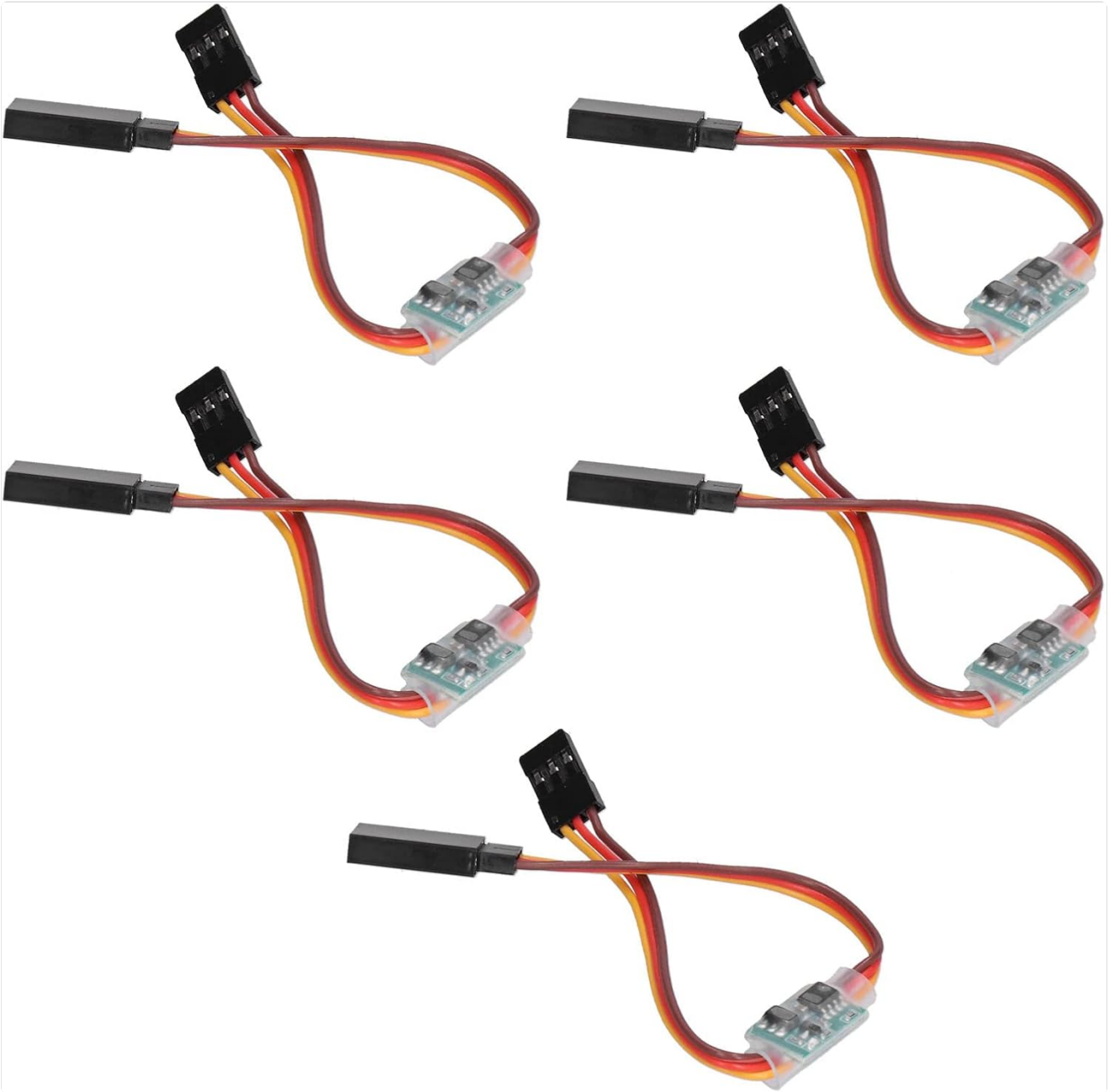


Image: The package includes five individual servo reverser units, each with its wiring and connectors.

Specifications

Attribute	Value
Item Type	Servo Reverser
Material	ABS
Voltage	3.6-24V
Current	5A

Attribute	Value
Application	Any steering gear
Package Dimensions	3.94 x 2.36 x 1.97 inches
Item Weight	0.882 ounces
Model Number	Acoutoefrpcb6731
Manufacturer	Acouto
Date First Available	August 27, 2024

Setup Instructions

The Acouto Servo Reverser is designed for straightforward integration into your RC system. Follow these steps for proper setup:

- 1. Identify the Servo Channel:** Determine which servo channel on your receiver controls the servo you wish to reverse.
- 2. Disconnect Servo:** Unplug the servo from its corresponding channel on the RC receiver.
- 3. Connect Reverser:** Plug the male connector of the servo reverser into the servo channel on the receiver.
- 4. Connect Servo to Reverser:** Plug the servo's connector into the female connector of the servo reverser. Ensure all connections are secure.
- 5. Test Functionality:** Power on your RC system and test the servo's movement. The servo's rotation direction should now be reversed.

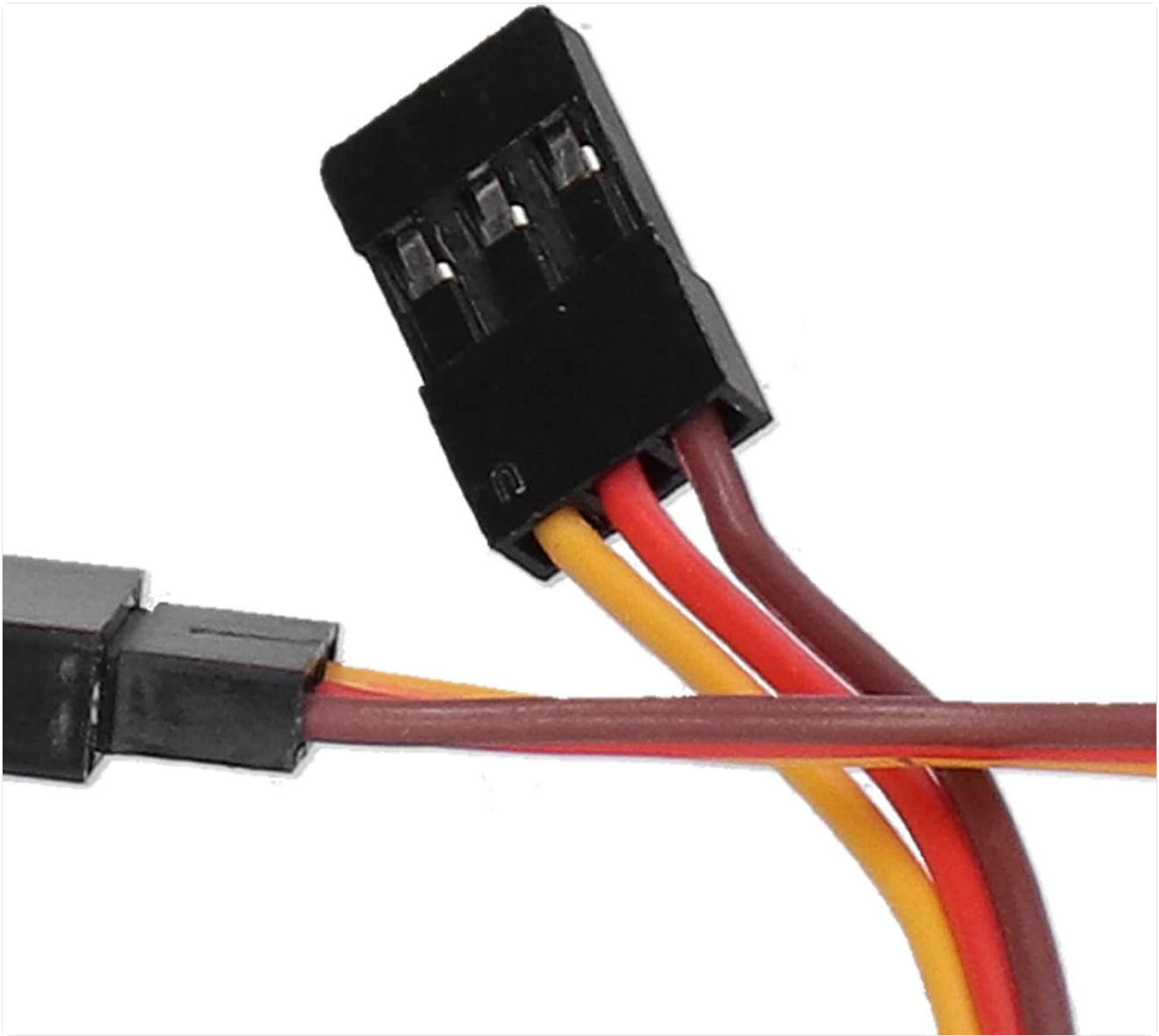


Image: A close-up view of the servo reverser's male and female connectors, illustrating how it connects in series between the receiver and the servo.



Image: An RC helicopter demonstrating the application of the servo reversers, showing how they integrate into an existing RC setup.

Operation

Once installed, the servo reverser operates automatically. It intercepts the signal from the receiver to the servo and inverts it, causing the servo to move in the opposite direction of its original command. No additional configuration or power source is required for the reverser itself, as it draws power directly from the receiver's servo channel.

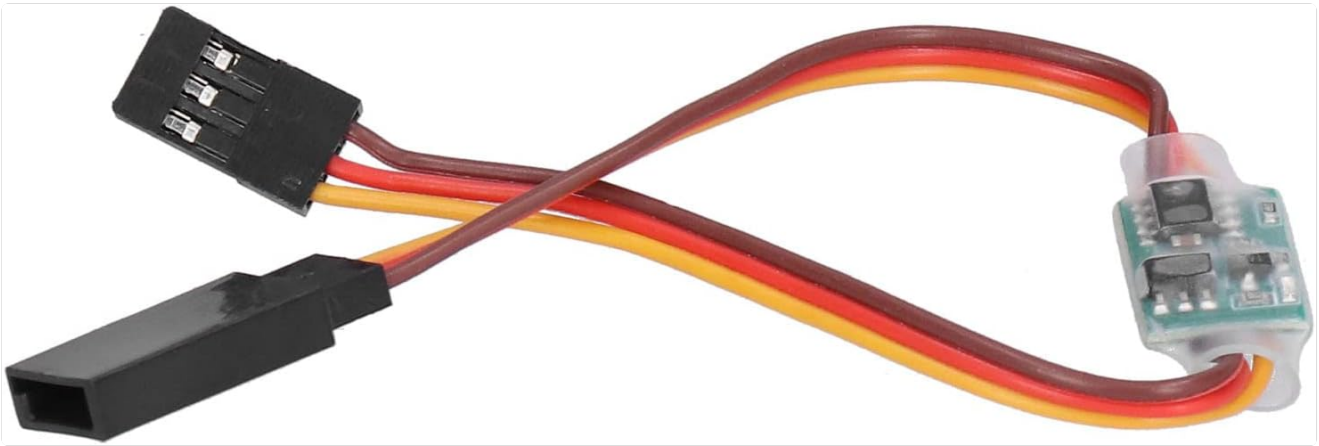


Image: A single servo reverser unit, highlighting its compact design and simple wiring, ready for integration into an RC system.

Maintenance

The Acouto Servo Reverser requires minimal maintenance due to its robust ABS construction and solid-state electronics. To ensure optimal performance and longevity:

- **Keep Clean:** Periodically inspect the unit for dust, dirt, or debris. Gently wipe with a dry, soft cloth if necessary.
- **Check Connections:** Ensure all connections to the receiver and servo remain secure and free from corrosion.
- **Avoid Extreme Conditions:** Do not expose the reverser to excessive moisture, extreme temperatures, or direct impact, as this may damage the internal components.

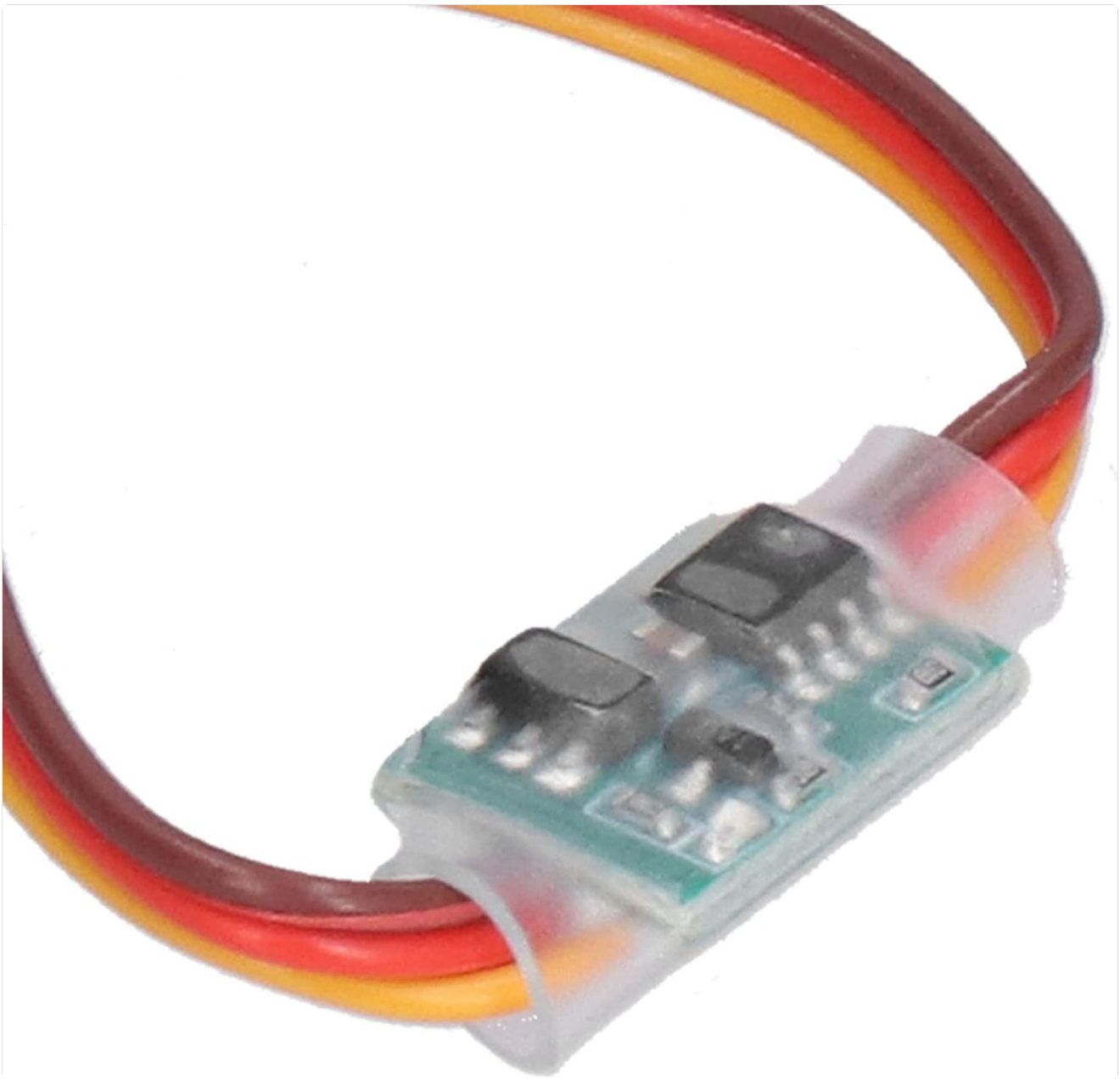


Image: A detailed view of the servo reverser's compact circuit board, emphasizing its sealed design for protection against environmental elements.

Troubleshooting

If you encounter issues with your Acouto Servo Reverser, refer to the following table for common problems and their solutions:

Problem	Possible Cause	Solution
Servo does not move or moves erratically.	Loose or incorrect connections.	Ensure all connectors are fully seated and correctly oriented between the receiver, reverser, and servo.
Servo still moves in the original direction.	Reverser not installed in series with the correct servo channel.	Verify that the servo reverser is connected to the specific servo channel that needs its direction inverted.

Problem	Possible Cause	Solution
Intermittent operation.	Poor power supply or damaged wiring.	Check the voltage supply from your receiver. Inspect the wiring of the reverser and servo for any visible damage.
Reverser appears damaged.	Physical stress or exposure to elements.	If physical damage is evident, the unit may need replacement. Avoid exposing the unit to water or excessive force.

Warranty and Support

This product is covered by a standard return policy. For specific details regarding returns or replacements, please refer to the purchase platform's policy, which typically allows for returns within 30 days of receipt.

For technical support or further inquiries, please contact the manufacturer, Acouto, through their official channels or the seller from whom the product was purchased. You can visit the [Acouto Store on Amazon](#) for more information and contact options.