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› Integy 2 Output LED On/Off RC Board (Model C29429) User Manual

Integy C29429

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Integy 2 Output LED On/Off RC Board, Model C29429. This device is designed to provide simple on/off control for LED lighting systems in your RC vehicle via the receiver's third channel.

SAFETY INFORMATION

- Always disconnect power before installing or removing components.
- Ensure correct polarity when connecting wires to prevent damage to the board or LEDs.
- Keep the board away from water, moisture, and extreme temperatures.
- This product is intended for adult use or under adult supervision.
- Do not attempt to modify the board, as this may void the warranty and cause malfunction.

PACKAGE CONTENTS

The package for the Integy 2 Output LED On/Off RC Board (C29429) typically includes:

- 1x Integy 2 Output LED On/Off RC Board (Model C29429)
- Additional components as shown in the product packaging.



Image: Front view of the Integy 2 Output LED On/Off RC Board, Model C29429.

SPECIFICATIONS

Feature	Detail
Model Number	C29429
Brand	Integy
Outputs	2 (for LED lights)
Control Channel	Receiver 3rd Channel
Material Type	Metal
Item Weight	4.54 g
Item Dimensions	1 x 1 x 1 inches (approximate)
Assembly Required	Yes
Manufacturer Minimum Age	180 months (15 years)

SETUP AND INSTALLATION

Follow these steps to properly install your Integy 2 Output LED On/Off RC Board:

- 1. Prepare your RC Vehicle:** Ensure your RC vehicle's power is off and the battery is disconnected before beginning installation.
- 2. Locate the 3rd Channel:** Identify the available 3rd channel port on your RC receiver. This port is typically labeled "CH3" or similar.
- 3. Connect the RC Board:** Plug the servo connector from the Integy LED board into the 3rd channel port of your receiver. Ensure the connector is oriented correctly (signal, positive, negative).
- 4. Connect LEDs:** Connect your LED light sets to the two output ports on the Integy board. Observe correct polarity for your LEDs. Most RC LEDs are designed to plug directly into these types of outputs.
- 5. Secure the Board:** Mount the Integy board securely within your RC vehicle using double-sided tape or a suitable mounting method, ensuring it is protected from vibrations and moisture.

6. **Initial Test:** Reconnect your RC vehicle's battery and power on your transmitter and receiver.

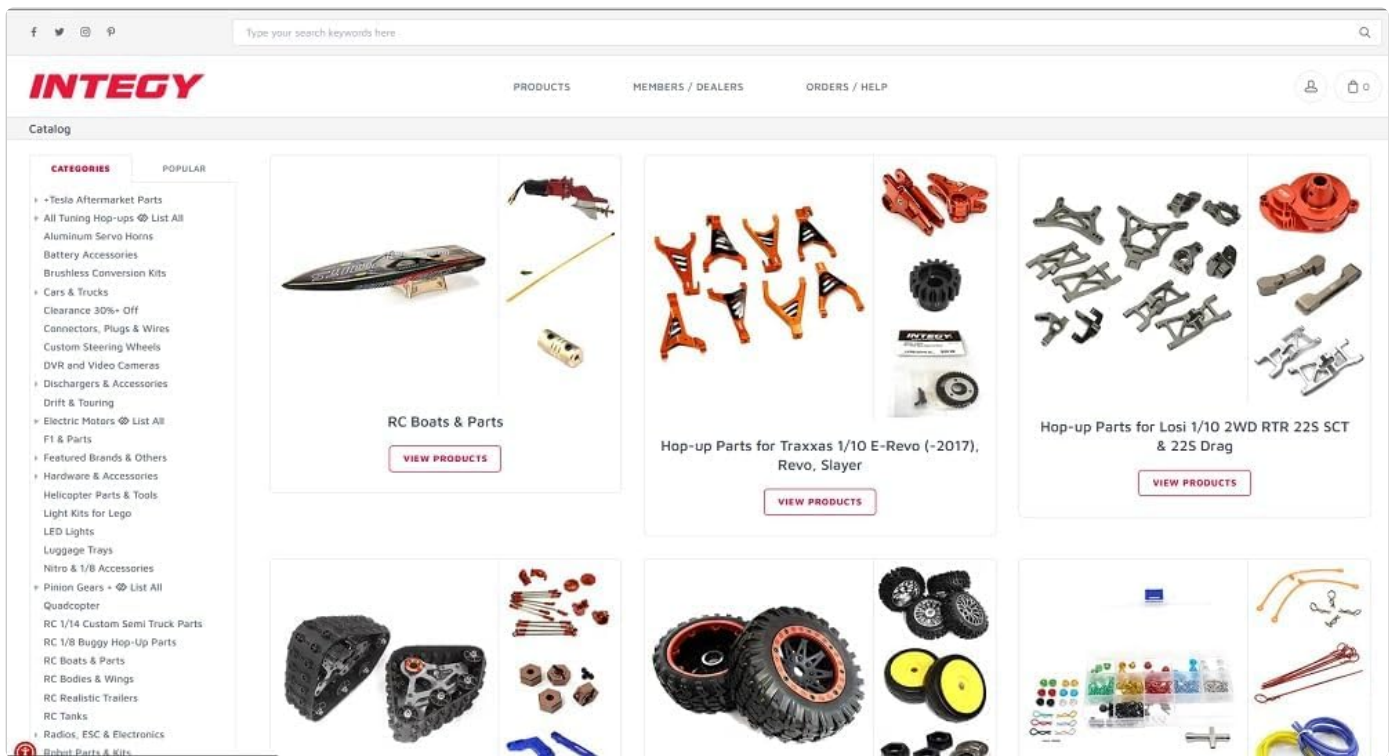


Image: The Integy RC board showing connection points for receiver and LED outputs.

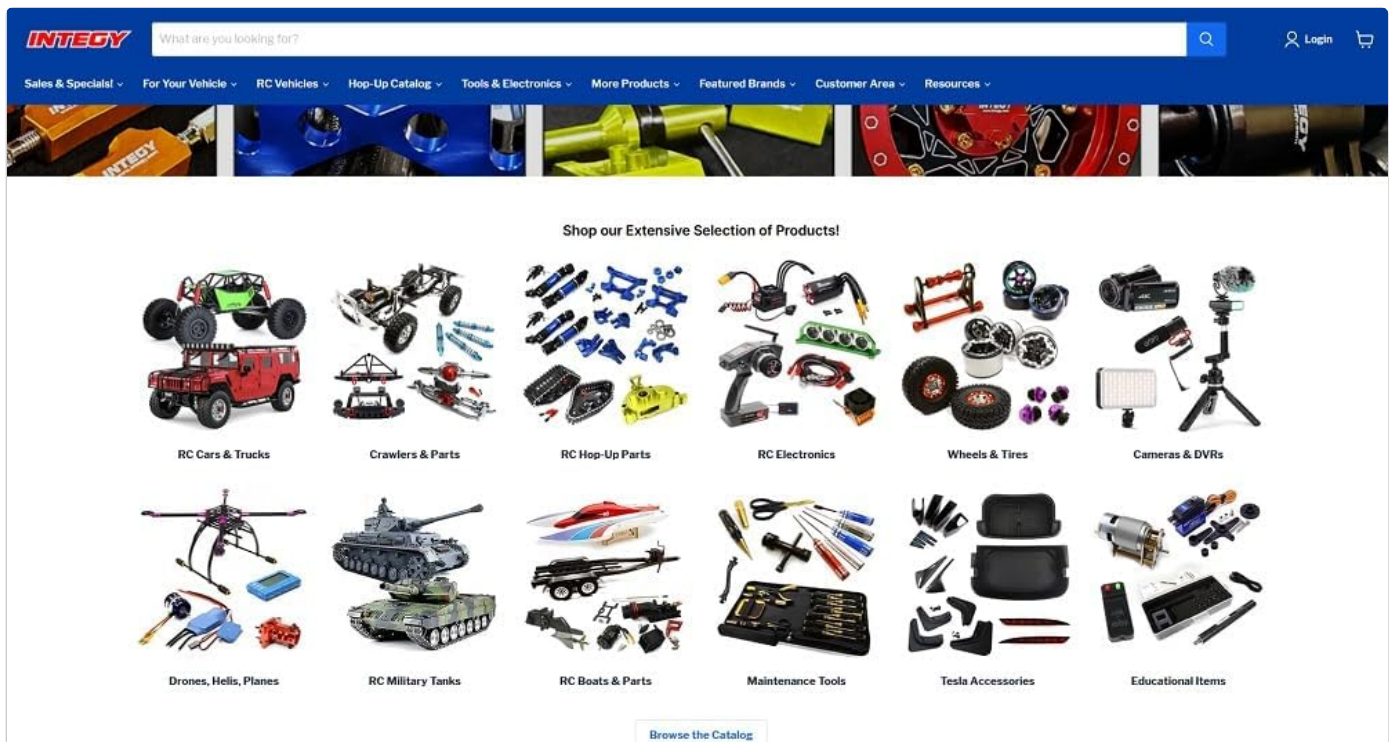


Image: Side view of the Integy RC board, highlighting its compact design.

OPERATING INSTRUCTIONS

Once installed, operating the LED lights with your Integy Parts RC Board is straightforward:

- **Power On:** Turn on your RC transmitter, then your RC vehicle's receiver.
- **Control via 3rd Channel:** Use the switch or button assigned to the 3rd channel on your RC transmitter to toggle the connected LED lights on or off. The exact control mechanism depends on your specific transmitter model.

- **Verify Functionality:** Confirm that your LED lights illuminate when the 3rd channel is activated and turn off when deactivated.

MAINTENANCE

To ensure the longevity and optimal performance of your Integy 2 Output LED On/Off RC Board, follow these maintenance guidelines:

- **Cleaning:** Periodically inspect the board for dust or debris. Use a soft, dry brush or compressed air to gently clean the surface. Avoid using liquids or solvents.
- **Storage:** When not in use, store the board in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Connection Check:** Regularly check all connections to ensure they are secure and free from corrosion.

TROUBLESHOOTING

If you encounter issues with your Integy 2 Output LED On/Off RC Board, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
LEDs do not turn on.	◦ Incorrect wiring/polarity. ◦ Loose connection to receiver or LEDs. ◦ 3rd channel not activated on transmitter. ◦ Faulty LEDs. ◦ No power to receiver.	◦ Verify all connections and ensure correct polarity. ◦ Check that the board is securely plugged into the receiver's 3rd channel. ◦ Confirm the 3rd channel switch/button on your transmitter is in the correct position. ◦ Test LEDs directly if possible. ◦ Ensure receiver is powered on.
LEDs flicker or are dim.	◦ Insufficient power supply. ◦ Loose connections.	◦ Check the voltage supply to your receiver and ensure it is adequate for the LEDs. ◦ Inspect all wiring for secure connections.
Board gets excessively hot.	◦ Overload from too many/incorrect LEDs. ◦ Short circuit.	◦ Disconnect power immediately. Review the specifications of your LEDs and ensure they are compatible with the board's output. ◦ Inspect for any short circuits in the wiring.

WARRANTY AND SUPPORT

Warranty: This Integy product is covered by a 30-day warranty against manufacturer defects from the date of purchase. This warranty does not cover damage caused by misuse, improper installation, unauthorized modification, or normal wear and tear.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Integy customer support through their official website or the retailer where the product was purchased. Please have your model number (C29429) and proof of purchase ready.



