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> Scalextric C8440 Adjustable Analog Wired Hand Controller User Manual

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Model: C8440

1. PRODUCT OVERVIEW

The Scalextric C8440 is an adjustable analog wired hand controller designed for use with 1:32 New Standard and Start Analog Scalextric Slot Car Sets. It features adjustable speed control and a responsive red trigger, enhancing your slot car racing experience.



Image 1.1: Scalextric C8440 Adjustable Analog Wired Hand Controller. This image displays the black controller with a red trigger, highlighting its ergonomic design.

Key Features:

- Adjustable speed control for precise vehicle management.
- Four distinct power levels to match various racing conditions and driver skill levels.
- Ergonomic design with a responsive red trigger for comfortable and effective handling.
- Compatible with newer Scalextric powerbases and START sets.

2. SETUP INSTRUCTIONS

Follow these steps to connect your Scalextric C8440 controller to your slot car track system.

1. **Inspect Powerbase:** Before connecting, verify the connection port on your Scalextric powerbase. The C8440 controller uses a rectangular plastic plug. Ensure your powerbase has a compatible port.
2. **Connect Controller:** Carefully insert the controller's rectangular plug into the corresponding port on your Scalextric powerbase. Ensure a firm and secure connection.
3. **Power On:** Once the controller is connected, power on your Scalextric track system according to its specific instructions.

Important: Always ensure the power is off before connecting or disconnecting controllers or other track components to prevent electrical damage.

3. OPERATING THE CONTROLLER

The C8440 controller provides intuitive control over your slot car.

Speed Control:

- **Red Trigger:** The primary control for acceleration. Press the red trigger to increase the speed of your slot car. Release it to reduce speed or brake. The trigger is designed for responsiveness, allowing for precise speed adjustments during racing.

Power Levels:

- The controller features a switch or dial (refer to physical controller for exact mechanism) to select one of four power levels. These levels adjust the maximum power delivered to the car, allowing for different driving experiences:
 - **Level 1 (Lowest):** Ideal for beginners or for driving slower, more controlled races.
 - **Level 2:** A moderate setting for intermediate drivers.
 - **Level 3:** Higher power for experienced drivers seeking more speed.
 - **Level 4 (Highest):** Maximum power for advanced users and competitive racing.
- Adjust the power level according to your skill and the specific requirements of the race or track layout.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Scalextric C8440 controller.

- **Cleaning:** Wipe the controller with a soft, dry cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners, which can damage the plastic.
- **Storage:** Store the controller in a dry place, away from direct sunlight and extreme temperatures. Keep it free from excessive dust.
- **Cable Care:** Avoid sharp bends or kinks in the controller cable. Do not pull the cable forcefully to disconnect it from the powerbase; always grasp the plug itself.

5. TROUBLESHOOTING

If you encounter issues with your C8440 controller, consider the following common solutions:

- **Controller Not Responding:**
 - Ensure the controller plug is fully and securely inserted into the powerbase.
 - Check if the powerbase is receiving power and is switched on.
 - Test with another controller (if available) to determine if the issue is with the controller or the powerbase/track.
- **Inconsistent Speed:**
 - Verify the power level setting on the controller. Adjust it to a higher level if the car is too slow.
 - Ensure the track connections are clean and secure, as poor contact can affect power delivery.
 - Check the slot car itself for any issues with its motor or braids.
- **Physical Damage:** If the controller has visible damage to the cable, trigger, or casing, discontinue use and consider replacement.

6. SPECIFICATIONS

Feature	Detail
Model Number	C8440
Product Dimensions	9 x 6 x 2 inches
Item Weight	4.2 ounces
Connection Type	Rectangular plastic plug
Speed Control	Adjustable
Power Levels	4
Trigger Color	Red
Recommended Age	14 years and up
Release Date	December 23, 2020
Manufacturer	Scalextric

7. SAFETY INFORMATION

Please observe the following safety warnings:

- **Choking Hazard:** Not suitable for children under 3 years due to small parts.
- **Recommended Age:** This product is recommended for ages 14 and up.
- **Packaging:** Remove all packaging attachments before giving the toy to a child.

8. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please refer to the official Scalextric website or contact their customer service department.

You can also visit the official Scalextric store for more products and information: [Scalextric Store](#)