OPT7 FBA-AURA-WIRE-120-INCH-2PCS

OPT7 Aura 2 PCS 10ft Extension Wires User Manual

Model: FBA-AURA-WIRE-120-INCH-2PCS

1. PRODUCT OVERVIEW

The OPT7 Aura 2 PCS 10ft Extension Wires are designed to extend the reach of your existing OPT7 Aura 4-pin flat RGB LED lighting kits. These wires facilitate the installation of LED light strips in locations further from the main control box, such as the rear of motorcycles, golf carts, ATVs, UTVs, snowmobiles, boats, or for interior car lighting applications.

Each package contains two 10-foot extension wires, featuring a 4-pin flat RGB connector for seamless integration with compatible OPT7 Aura products.

Image 1.1: Two 10ft OPT7 Aura Extension Wires. These wires provide additional length for installing LED lighting kits.

2. INSTALLATION INSTRUCTIONS

These extension wires are designed for a simple plug-and-play installation. Ensure your main OPT7 Aura LED kit is powered off before making any connections.

1. **Identify Connectors:** Locate the 4-pin flat RGB connector on your existing Aura control box wire and

on the LED light strip you wish to extend.

2. **Connect Extension Wire:** Align the pins of the extension wire connector with the pins of the control box wire. Gently push them together until they snap securely into place.

3. **Connect to LED Strip:** Connect the other end of the extension wire to the 4-pin flat RGB connector on your LED light strip, ensuring a firm connection.

4. **Route Wires:** Utilize the flexible design of the Aura wires to route them discreetly and securely to your desired lighting location. Avoid pinching or sharply bending the wires.
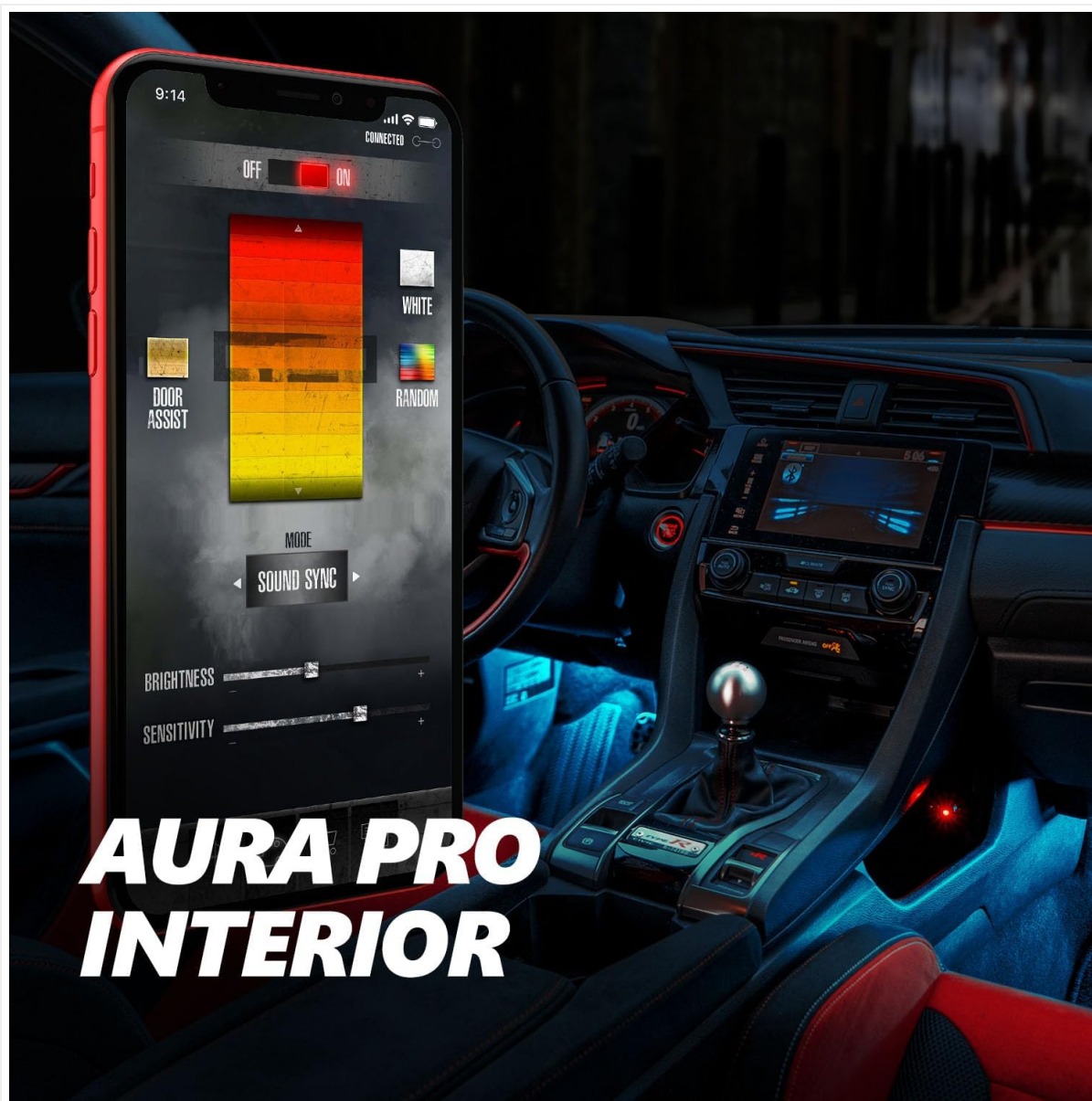

Image 2.1: Connection diagram illustrating the plug-and-play nature of the extension wires with an Aura LED strip.

2.1 Compatibility

These extension wires are compatible with any OPT7 Aura 4-pin flat RGB LED kits. They are **not** compatible with 5-pin RGBW round connectors, 4-pin RGB round connectors, or 3-pin RGBIC round connectors.

Image 2.2: Examples of OPT7 Aura LED kits compatible with the 4-pin flat RGB extension wires.

Image 2.3: Examples of OPT7 LED kits that are NOT compatible with the 4-pin flat RGB extension wires due to different connector types.

3. OPERATING INSTRUCTIONS

These extension wires serve to extend the physical reach of your OPT7 Aura LED lighting system. They do not have independent operational controls. The operation of your lighting system (e.g., color changes, modes, brightness) will continue to be controlled by your main OPT7 Aura control box and its associated remote or app, as detailed in the instruction manual for your specific Aura LED kit.

4. MAINTENANCE

To ensure the longevity and proper function of your extension wires, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check all connections to ensure they remain secure and free from corrosion or damage.
- **Cleaning:** If necessary, gently wipe the wires with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Environmental Protection:** These wires are **not water resistant**. Avoid exposing them to direct water spray, submersion, or extreme moisture. Ensure they are installed in a location protected from

the elements where possible.

- **Cable Routing:** Ensure wires are not pinched, cut, or exposed to excessive heat or sharp edges, which could damage the insulation and internal conductors.

5. TROUBLESHOOTING

If you experience issues after installing the extension wires, consider the following:

- **No Light/Intermittent Light:**
  - Verify all 4-pin flat RGB connectors are fully seated and secure.
  - Ensure the extension wires are compatible with your specific OPT7 Aura LED kit (4-pin flat RGB). Refer to Section 2.1.
  - Inspect the wires for any visible damage, cuts, or pinches.
  - Test the LED kit without the extension wires to confirm the main kit is functioning correctly.

- **Incorrect Colors:**
  - Ensure the connectors are not partially inserted or misaligned, which can lead to incorrect color signals.

For issues related to the functionality of the LED lights themselves (e.g., app control, specific light modes), please refer to the instruction manual provided with your main OPT7 Aura LED lighting kit.

6. SPECIFICATIONS

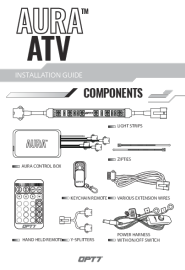| Feature	Specification
Brand	OPT7
Model	FBA-AURA-WIRE-120-INCH-2PCS
Item Dimensions (L x W x H)	120 x 0.65 x 0.3 inches (each wire)
Item Weight	2.9 Ounces (total for 2 wires)
Color	RGB (connector type)
Material	Polycarbonate (PC)
Connector Type	4-Pin Flat RGB
Water Resistance Level	Not Water Resistant
Remote Control Included?	No (This product is an extension, control is via main kit)
Automotive Fit Type	Universal Fit

7. WARRANTY AND SUPPORT

This product is covered by a complimentary 30-day warranty, effective from the order date. For any questions, concerns, or warranty claims, please contact OPT7's US-based customer service team. Refer to your purchase documentation or the OPT7 official website for specific contact information.
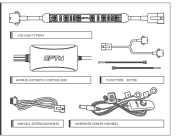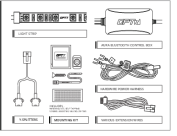
8. PRODUCT VIDEOS

No official seller videos specifically detailing the installation or use of these extension wires were found in the provided product information.

Related Documents - FBA-AURA-WIRE-120-INCH-2PCS

	[AURA ATV Lighting Kit Installation Guide](#) Comprehensive installation guide for the OPT7 AURA ATV lighting kit, detailing components, step-by-step installation, wiring examples, optional upgrades, and important disclaimers.
	[AURA Boat Interior LED Lighting Installation Guide | OPT7](#) Comprehensive installation guide for the OPT7 AURA Boat Interior LED Lighting Kit. Learn how to safely and effectively install your boat lights, connect components, and operate the remote.
	[OPT7 AURA Snowmobile LED Lighting Kit Installation Guide](#) Comprehensive installation guide for the OPT7 AURA Snowmobile LED Lighting Kit. Learn how to install light strips, control box, and use the remote for custom lighting effects on your snowmobile.
	[OPT7 Aura Boat Glow App & Remoted Controlled Installation Guide](#) This installation guide provides step-by-step instructions for installing the OPT7 Aura Boat Glow LED lighting system, including component identification, wiring, and remote pairing.

[OPT7 Aura Pro Snowmobile LED Lighting Kit Installation Guide](#)
Comprehensive installation guide for the OPT7 Aura Pro Snowmobile LED lighting kit. Includes component list, step-by-step instructions, app integration details, and important safety warnings.

[OPT7 AURA PRO Boat Interior LED Lighting Installation Guide](#)
Comprehensive installation guide for the OPT7 AURA PRO Boat Interior LED Lighting Kit, detailing components, step-by-step installation, app control, and important safety disclaimers.