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DS18 SLG-AR6V2

DS18 SLG-AR6V2 Arm Rest Enclosure User Manual

Model: SLG-AR6V2 | Brand: DS18

1. PRODUCT OVERVIEW

The DS18 SLG-AR6V2 Arm Rest Enclosure is designed for Polaris Slingshot models from 2015 and up. This empty enclosure is built to house two 6.5-inch speakers, enhancing your vehicle's audio system. It features integrated digital LED lights for aesthetic appeal and is constructed from durable, UV-protected ABS waterproof plastic.



Image: A pair of black DS18 SLG-AR6V2 arm rest speaker enclosures, showcasing their sleek design and integrated LED light strips.

Key Features:

- **Unmatched Durability and Style:** Crafted from ABS waterproof plastic with UV protection, ensuring longevity and maintaining a sleek black finish.
- **Eye-Catching LED Integration:** Features digital LEDs for a unique visual effect. Requires an LED-BTC-DRM controller for full functionality.
- **Seamless Installation:** Designed for OEM fitment, utilizing existing bolts and locations on Polaris Slingshot models from 2015 onwards (excluding R series).
- **Enhanced Audio Performance:** Open baffle design optimized for most 6.5-inch speakers, improving sound clarity and volume.
- **Speaker Compatibility:** Ideal for DS18 6.5" speakers, including water-resistant models like PRO-CF6.4SL and PRO-SM6.2.

2. WHAT'S IN THE BOX

Upon opening the package, verify that all components are present and undamaged.

- DS18 SLG-AR6V2 Arm Rest Enclosure (Pair)
- Integrated Digital LED Lights

- Note: Speakers are not included and must be purchased separately. LED-BTC-DRM controller for LED lights is also sold separately.

3. SPECIFICATIONS

Attribute	Detail
Model Number	SLG-AR6V2
Compatibility	Polaris Slingshot Models 2015 and up (Excluding R Series)
Speaker Size Compatibility	Fits 2x 6.5" Speakers (Speakers not included)
Material	ABS Waterproof Plastic with UV Protection
Lighting	Integrated Digital LED Lights (Requires LED-BTC-DRM controller)
Item Weight	Approximately 5 pounds
Package Dimensions	Approximately 23 x 16 x 6 inches

4. SETUP AND INSTALLATION

The SLG-AR6V2 arm rest enclosures are designed for straightforward installation using the vehicle's original equipment manufacturer (OEM) bolts and mounting locations. No complex modifications are typically required.

Installation Steps (General Guidance):

- 1. Preparation:** Ensure the vehicle is turned off and the battery is disconnected before beginning installation. Gather necessary tools (e.g., screwdrivers, wrenches).
- 2. Access Mounting Area:** Locate the arm rest areas where the enclosures will be installed. Refer to your Polaris Slingshot's service manual for specific instructions on accessing these areas if needed.
- 3. Mount Speakers:** Install your chosen 6.5-inch speakers into the designated openings within the SLG-AR6V2 enclosures. Ensure a secure fit.
- 4. Wiring:** Route speaker wires and LED light wires through the enclosure and connect them to your audio system and LED controller (LED-BTC-DRM, sold separately). Ensure all connections are secure and properly insulated.
- 5. Secure Enclosures:** Align the enclosures with the OEM mounting points on your Slingshot. Use the original bolts to secure the enclosures firmly in place.
- 6. Test Functionality:** Reconnect the vehicle battery. Test the audio system and the LED lights to ensure proper operation.

These Armrest Speaker Pods fit most 6.5" Speakers and offer an open baffle design that enhances clarity and volume



Easy to install



Durable ABS
Waterproof Plastic

Speakers NOT INCLUDED

Image: A close-up view of the DS18 armrest speaker pod with a 6.5-inch speaker installed, highlighting the easy installation and durable ABS waterproof plastic construction.

SLG-AR6V2



UV Protection



OEM Fit

Image: Diagram illustrating the driver and passenger side fitment of the SLG-AR6V2 enclosures on a Polaris Slingshot, emphasizing UV protection and OEM fit.

5. OPERATING THE DIGITAL LED LIGHTS

The integrated digital LED lights on the SLG-AR6V2 enclosures provide customizable illumination. To control these lights and access various effects, the **DS18 LED-BTC-DRM controller** (sold separately) is required.

Basic Operation (with LED-BTC-DRM):

- Connect the LED wires from the enclosures to the LED-BTC-DRM controller according to the controller's instructions.
- Use the LED-BTC-DRM controller to select colors, patterns, brightness, and other lighting effects. Refer to the LED-BTC-DRM user manual for detailed operation.



NEW EXCLUSIVE DIGITAL LED LIGHTING DESIGN

Image: A pair of DS18 SLG-AR6V2 enclosures showcasing the new exclusive digital LED lighting design, emphasizing "Chasing Dream Lights" capability.

6. MAINTENANCE

Proper maintenance ensures the longevity and appearance of your DS18 SLG-AR6V2 arm rest enclosures.

- **Cleaning:** Use a soft, damp cloth with mild soap and water to clean the exterior surfaces. Avoid abrasive cleaners or solvents that could damage the ABS plastic or UV protective coating.
- **UV Protection:** The enclosures are designed with UV protection. However, prolonged exposure to extreme sunlight can still affect the material over time. Regular cleaning and occasional application of a UV protectant for plastics can help maintain their finish.
- **Inspection:** Periodically check all mounting bolts and wiring connections to ensure they remain secure.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SLG-AR6V2 enclosures.

No Sound from Speakers:

- **Check Wiring:** Ensure all speaker wires are correctly connected to the speakers and the audio amplifier/head unit. Verify that connections are secure and free of corrosion.
- **Speaker Functionality:** Test the speakers directly if possible to confirm they are working.
- **Amplifier/Head Unit:** Verify that your audio source (amplifier, head unit) is powered on and functioning correctly.

LED Lights Not Working or Malfunctioning:

- **LED Controller:** Confirm that the DS18 LED-BTC-DRM controller is properly connected and powered. Refer to its manual for troubleshooting.
- **Wiring:** Check all LED wiring connections from the enclosures to the controller for looseness or damage.
- **Power Source:** Ensure the LED controller is receiving adequate power.

Enclosures Not Fitting Correctly:

- **Model Compatibility:** Double-check that your Polaris Slingshot model is from 2015 or newer and is not an "R Series" model, as these enclosures are not compatible with R Series.
- **OEM Alignment:** Ensure the enclosures are correctly aligned with the OEM mounting points before tightening bolts. Do not force the fit.

8. WARRANTY AND SUPPORT

DS18 provides a limited manufacturer warranty for the SLG-AR6V2 arm rest enclosures.

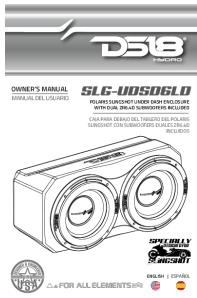
- **Warranty Period:** The product comes with a 1-Year Limited Manufacturer Warranty.
- **Claim Process:** For warranty claims or technical support, please contact DS18 customer service directly. Keep your proof of purchase (receipt or invoice) as it will be required for any warranty service.
- **Contact Information:** Visit the official DS18 website (www.ds18.com) for the most current contact details and support resources.

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This manual is for informational purposes only. DS18 is not responsible for any errors or omissions.

Related Documents - SLG-AR6V2

	<p>DS18 SLG-SP6 Polaris Slingshot Side Panel Speaker Pods Owner's Manual Owner's manual and installation guide for the DS18 SLG-SP6 speaker pods, designed for Polaris Slingshot vehicles. This guide details features, specifications, and step-by-step installation for 6.5" shallow speakers and 1.7" tweeters.</p>
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	<p>DS18 SLG-UDSD6LD Polaris Slingshot Under Dash Subwoofer Enclosure Owner's Manual</p> <p>Detailed owner's manual and installation guide for the DS18 SLG-UDSD6LD Polaris Slingshot under dash subwoofer enclosure, featuring dual ZR6.4D subwoofers. Includes specifications, features, and installation steps.</p>
	<p>DS18 SLG-HD6V2 Polaris Slingshot Headrest Pods Owner's Manual</p> <p>Owner's manual and installation guide for the DS18 SLG-HD6V2 customizable multi-facing headrest pods for 6.5-inch speakers with digital LED lighting, designed for the Polaris Slingshot.</p>
	<p>DS18 SLG-F82 Polaris Slingshot Front Fender Dual 8" Speaker Enclosures with Digital LED Lighting - Owner's Manual</p> <p>Detailed owner's manual and installation guide for the DS18 SLG-F82 dual 8-inch speaker enclosures designed for the Polaris Slingshot, featuring digital LED lighting. Includes features, specifications, and connection options.</p>
	<p>DS18 SLG-UDSD6LD-20UP Polaris Slingshot Under Dash Subwoofer Enclosure Owner's Manual</p> <p>Detailed owner's manual and installation guide for the DS18 SLG-UDSD6LD-20UP under dash subwoofer enclosure designed for the Polaris Slingshot, featuring dual 6.5" ZR6.4D subwoofers. Includes specifications, measurements, and warranty information.</p>



[DS18 SLG-UDSD6 Polaris Slingshot Under Dash Dual 6.5" Subwoofer Enclosure - Owner's Manual](#)

Owner's manual and installation guide for the DS18 SLG-UDSD6 Under Dash Dual 6.5" Subwoofer Enclosure for the Polaris Slingshot. Features, specifications, installation steps, and warranty information.