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› Akozon 150A Car Stereo Audio Fuse Holder User Manual

Akozon 150A

Akozon 150A Car Stereo Audio Fuse Holder User Manual

Brand: Akozon

Model: 150A

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Akozon 150A Car Stereo Audio Fuse Holder. Designed for automotive audio systems, this fuse holder offers comprehensive protection and features a digital voltage display for convenient monitoring. Its robust construction ensures durability and stable performance.

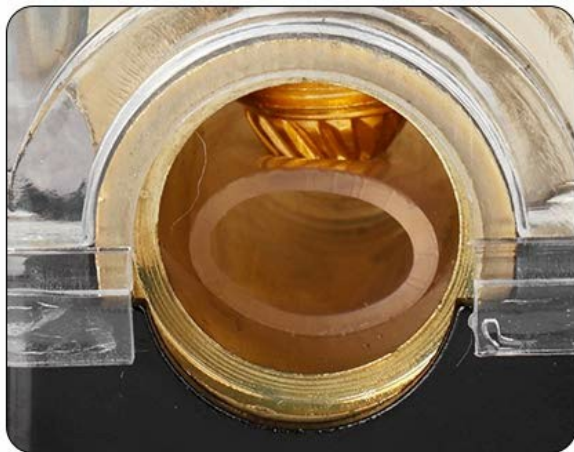


Figure 1: Front view of the Akozon 150A Car Stereo Audio Fuse Holder, showing the clear casing, gold-plated terminals, and digital LED voltage display.

The fuse holder is constructed from high-quality metal alloy and plastic materials, ensuring excellent wear resistance, corrosion resistance, aging resistance, and a long service life. It is suitable for use in various vehicles, including cars and boats, providing essential protection for your audio system.

PRODUCT FEATURES

- **High-Quality Construction:** Made from durable metal alloy and plastic for enhanced longevity and stability.
- **Digital Voltage Display:** Integrated LED display provides real-time voltage readings for your car's electrical system.
- **Overload Protection:** Automatically powers off when the current is overloaded, protecting your audio system from damage.
- **Versatile Installation:** Can be securely installed on a panel or firewall.
- **Wide Application:** Ideal for use in cars, boats, and other vehicles requiring robust audio system protection.



Figure 2: Key features of the fuse holder, highlighting its durable construction and suitability for various vehicle types.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your fuse holder. Please follow these steps carefully:

1. **Disconnect Power:** Before beginning any electrical work, ensure the vehicle's battery is disconnected to prevent short circuits or electrical shock.
2. **Choose Mounting Location:** Select a suitable location for the fuse holder, such as a panel or firewall, that is dry, secure, and easily accessible for future maintenance.
3. **Secure the Fuse Holder:** Use appropriate screws or fasteners to firmly mount the fuse holder in the chosen location.
4. **Wire Connections:**
 - Connect the main power cable from the battery to one of the large gold-plated terminals (input).
 - Connect the power cable leading to your audio system to the other large gold-plated terminal (output).
 - Connect the small black wire from the fuse holder to a ground point on the vehicle chassis. This provides power for the digital voltage display.

5. **Insert Fuse:** Carefully insert the 150A ANL fuse into the designated slot within the fuse holder. Ensure it is seated correctly.
6. **Reconnect Power:** Once all connections are secure and verified, reconnect the vehicle's battery.

- It can be installed on a panel or firewall.
- Automatic power off when the current is overloaded.
- Provide complete protective safety for your car audio system

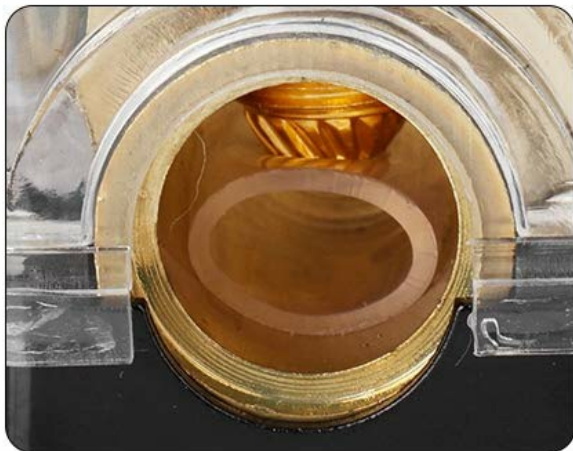


Figure 3: Detailed view of the fuse holder's terminals, showing where power cables are connected.



Figure 4: Underside of the fuse holder, illustrating the mounting points for secure installation.

OPERATING INSTRUCTIONS

Once installed, the Akozon 150A Fuse Holder operates automatically to protect your audio system.

- **Voltage Display:** The integrated LED display will show the current voltage of your car's electrical system. This allows for quick monitoring of your power supply.
- **Overload Protection:** In the event of an overcurrent or short circuit, the fuse within the holder will blow, automatically cutting off power to your audio system. This prevents damage to your amplifier, speakers, and other components.



Figure 5: Illustration of the fuse holder's protective function within a car audio system, emphasizing safety and automatic power cut-off.

MAINTENANCE

To ensure continued optimal performance and safety, periodic maintenance is recommended:

- **Visual Inspection:** Regularly inspect the fuse holder for any signs of damage, corrosion, or loose connections.
- **Fuse Replacement:** If the fuse blows, disconnect power before replacing it with a new ANL fuse of the same 150A rating. Never use a fuse with a higher rating than specified.
- **Cleaning:** Keep the fuse holder clean and free from dust and debris. Use a dry, soft cloth for cleaning. Avoid using harsh chemicals or abrasive materials.

TROUBLESHOOTING

If you encounter issues with your fuse holder or audio system, consider the following common troubleshooting steps:

- **No Power to Audio System:**
 - Check if the fuse in the holder has blown. If so, replace it with a new 150A ANL fuse.
 - Verify all power and ground connections are secure and free from corrosion.
 - Ensure the vehicle's battery is fully charged and properly connected.
- **LED Display Not Lighting Up:**
 - Check the small black ground wire connection from the fuse holder to the chassis.
 - Ensure there is power flowing through the main terminals.
- **Frequent Fuse Blowing:**
 - This indicates an overcurrent condition. Check your audio system for short circuits or components drawing excessive power.
 - Ensure the total current draw of your audio system does not exceed 150A.

- Consult a professional car audio installer if the issue persists.

SPECIFICATIONS

Attribute	Value
Brand	Akozon
Model Number	150A
Current Rating	150 Amperes
Material	Metal Alloy + Plastics
Product Dimensions (L x W x H)	10 x 10 x 10 cm
Mounting Type	Chassis Mount
First Available Date	August 12, 2022

WARRANTY AND SUPPORT

Akozon is committed to providing high-quality products and attentive service. Each product undergoes strict inspection to ensure reliable quality.

- **Return Policy:** This product is eligible for a 30-day free return period. Please refer to your purchase platform's return policy for detailed terms and conditions.
- **Manufacturer Support:** For any questions, technical assistance, or warranty claims, please contact Akozon customer support through the retailer where the product was purchased or visit the official Akozon store page.

We hope you have a pleasant shopping and user experience with our products.