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› ASHATA 3.5mm Stereo Headphone Jack Male Solder Plug Instruction Manual (10 Pcs)

## ASHATA ASHATA-NO

# ASHATA 3.5mm Stereo Headphone Jack Male Solder Plug Instruction Manual

Model: ASHATA-NO

## 1. INTRODUCTION

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This manual provides instructions for the ASHATA 3.5mm Stereo Headphone Jack Male Solder Plugs. These plugs are designed for repairing or custom-building audio cables, headphone cables, and car AUX cables. Each plug features a durable zinc alloy construction with gold-plated contacts for reliable performance.



Image 1: A set of ten ASHATA 3.5mm stereo male solder plugs.

## 2. PRODUCT FEATURES

- **Applicable Use:** Suitable for DIY audio cables, headphone cables, and car AUX cables.
- **Quality Materials:** Constructed with a zinc alloy die-casting shell and gold-plated plugs for durability and resistance to fading and oxidation.
- **Design:** Lightweight and designed for straightforward connection after soldering.

## 3. SPECIFICATIONS

<b>Brand</b>	ASHATA
<b>Model Number</b>	ASHATA-NO

<b>Connector Type</b>	3.5mm Stereo Male (TRS)
<b>Compatible Devices</b>	Headphones, MP3 Players, Car Audio & Video Systems
<b>Material</b>	Zinc Alloy (shell), Gold Plating (contacts)
<b>Color</b>	Black Tail
<b>Item Weight</b>	0.12 Kilograms (for the set)
<b>Package Quantity</b>	10 Plugs
<b>Country of Origin</b>	China

- Good contact, not easy to fade and oxidize.
- 3.5mm plug, easy to weld, convenient and practical.
- Suitable for DIY audio cable, earphone cable, auto AUX cable.
- zinc alloy die-casting shell, gold plated plug, sturdy and durable.



Image 2: Detailed dimensions of a single 3.5mm stereo male plug.

#### 4. INSTALLATION (SOLDERING INSTRUCTIONS)

These 3.5mm stereo male plugs require soldering for proper installation onto an audio cable. Follow these

steps carefully:

1. **Prepare the Cable:** Carefully strip the outer jacket of your audio cable to expose the individual wires (typically left, right, and ground). Strip a small amount of insulation from each individual wire.
2. **Disassemble the Plug:** Unscrew the metal casing from the plug body. Slide the casing and any strain relief components onto your cable in the correct order before soldering.
3. **Identify Connections:** The 3.5mm stereo plug (TRS - Tip, Ring, Sleeve) has three connection points:
  - **Tip:** Left audio channel.
  - **Ring:** Right audio channel.
  - **Sleeve:** Ground connection.

Match these to your cable's wires.

4. **Solder Connections:** Heat your soldering iron and apply a small amount of solder to the tip. Carefully solder each wire to its corresponding connection point on the plug. Ensure strong, clean solder joints without bridging connections.
5. **Reassemble the Plug:** Once all solder joints have cooled, carefully slide the strain relief and metal casing back over the plug body and screw it securely into place. Ensure the cable is firmly held by the strain relief.



Image 3: Disassembled view of the plug, illustrating internal components and the 6mm outlet size for cable entry.

## 5. OPERATION

After successful installation, connect your newly terminated audio cable to compatible audio devices. Insert

the 3.5mm male plug into the corresponding 3.5mm female jack on your headphone, MP3 player, car audio system, or other audio equipment. Ensure the connection is firm for optimal audio transmission.



Image 4: Example of 3.5mm plugs used with audio mixer equipment.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your ASHATA 3.5mm stereo plugs:

- Keep the plugs clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid excessive force when inserting or removing the plugs from jacks.
- Regularly inspect the soldered connections for any signs of wear or damage. Re-solder if necessary.

## 7. TROUBLESHOOTING

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If you experience issues with your audio connection, consider the following:

- **No Sound or Intermittent Sound:** Check all connections to ensure they are fully inserted. Inspect your soldered joints for any breaks or cold solder points. Ensure the correct wires are connected to the Tip, Ring, and Sleeve terminals.
- **Poor Audio Quality (e.g., static, hum):** Verify that the ground connection (Sleeve) is properly soldered and secure. Ensure there are no short circuits between the Tip, Ring, and Sleeve connections.
- **Loose Connection:** If the plug feels loose in the jack, the jack itself might be worn, or the plug's dimensions might not be perfectly compatible with all jacks.

## 8. WARRANTY AND SUPPORT

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ASHATA guarantees that this product is brand new. If you encounter any problems with your ASHATA 3.5mm Stereo Headphone Jack Male Solder Plugs, please contact ASHATA customer service. We are committed to resolving any issues and providing a satisfactory solution.