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› IMC Audio Alpine Ai-Net to 3.5mm Aux Input Cable User Manual

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Model: Ai-Net to 3.5mm Aux Input Cable

Brand: IMC Audio

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the IMC Audio Alpine Ai-Net to 3.5mm Aux Input Cable. This cable allows you to connect external audio devices with a 3.5mm headphone jack to compatible Alpine car stereos equipped with an Ai-Net port.

PRODUCT OVERVIEW

The IMC Audio Ai-Net to 3.5mm Aux Input Cable is designed to integrate portable audio devices with a 3.5mm output into select Alpine car audio systems. It features an Ai-Net connector for the Alpine head unit and a 3.5mm male connector for your audio source. The cable is approximately 4 feet long.



Image Description: A black audio cable with an Alpine Ai-Net connector on one end and a 3.5mm male auxiliary jack on the other end. The cable is coiled, showcasing its length and connectors.

COMPATIBILITY

This cable is compatible with the following Alpine Ai-Net radio models:

- CDA-7845
- CDA-7850
- CDA-9805
- CDA-9827
- CDA-D852
- CDA-D853
- CDA-D855
- CDA-D857
- MDA-7755
- MDA-W7850
- MDA-W890

Important Note: A CD Changer or any other device connected to the Ai-Net port will need to be disconnected while this adapter cable is in use.

INSTALLATION GUIDE

Installation of the IMC Audio Ai-Net to 3.5mm Aux Input Cable requires access to the rear of your Alpine head unit. In some cases, additional wiring may be necessary to enable the auxiliary input function, particularly for older models that require an "Audio Interrupt" signal.

Basic Connection

1. Power off your vehicle and disconnect the car battery for safety.
2. Carefully remove your Alpine head unit from its mounting to access the rear connections.
3. Locate the Ai-Net port on the back of your Alpine head unit.
4. Connect the Ai-Net end of the IMC Audio cable securely into the Ai-Net port.
5. Route the 3.5mm auxiliary end of the cable to a convenient location in your vehicle for connecting your audio device.
6. Reinstall your Alpine head unit and reconnect the car battery.

Advanced Setup for Audio Interrupt (If Basic Connection Does Not Work)

Some Alpine head units, such as the CDA-D852, may require an "Audio Interrupt" signal to activate the auxiliary input. This typically involves wiring a switch to the head unit's pink/black wire. Consult your specific Alpine head unit's manual for detailed wiring diagrams. The following steps are based on a user-reported successful installation for a CDA-D852 and may vary for other models:

1. Connect the Ai-Net to 3.5mm cable to the back of your Alpine head unit.
2. Connect a wire to an existing ground location in the vehicle.
3. Connect the other end of that ground wire to one post of a Single Pole Single Throw (SPST) Toggle Switch.
4. Connect a separate wire to the Pink/Black wire (labeled "Audio Interrupt In" in some Alpine manuals) on the back of your Alpine head unit.
5. Connect the other end of the wire from the Pink/Black wire to the second post on the SPST Toggle Switch.
6. Turn on the vehicle with the stereo faceplate attached.
7. Hold the Power button down on the head unit until "Mute On" appears on the screen.
8. Press Preset #2 (or the equivalent button on your model) to turn Mute Off.
9. Press the Power button again.
10. Flip the Toggle Switch to the "On" position. The CDA-D852 screen should display "Interrupt".
11. Plug the 3.5mm end of the Ai-Net cable into your audio device (e.g., phone).
12. Play music on your audio device. Sound should now play through your vehicle's speakers.
13. To switch back to the radio, flip the Toggle Switch to the "Off" position. The head unit should revert to the Radio source.

Note: This advanced setup is a user-contributed solution and may require technical expertise. If you are unsure, it is recommended to seek professional installation assistance.

OPERATING INSTRUCTIONS

Once the cable is installed and the auxiliary input is activated (either automatically or via the advanced setup described above):

1. Connect your external audio device (smartphone, MP3 player, etc.) to the 3.5mm auxiliary jack of the IMC Audio cable.
2. Select the appropriate source on your Alpine head unit. This may be labeled "AUX", "CD Changer",

"Ai-Net", or similar, depending on your specific model. If using the advanced "Audio Interrupt" method, activate the switch.

3. Start playing audio from your connected device.
4. Adjust the volume on both your audio device and the Alpine head unit for optimal sound.

Note: Ensure the volume on your external device is not set too high to avoid distortion.

CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your IMC Audio Ai-Net to 3.5mm Aux Input Cable:

- Avoid sharp bends or kinks in the cable, especially near the connectors.
- Do not expose the cable to extreme temperatures or direct sunlight for extended periods.
- Keep connectors clean and free from dust or debris.
- Store the cable in a dry, cool place when not in use.
- Disconnect by pulling on the connector housing, not the cable itself.

TROUBLESHOOTING COMMON ISSUES

No Sound or Intermittent Audio:

- Ensure the cable is securely connected to both the Alpine head unit and your audio device.
- Verify that the correct source (AUX, CD Changer, Ai-Net) is selected on your Alpine head unit.
- Check the volume levels on both your audio device and the head unit.
- If using the "Audio Interrupt" method, ensure the toggle switch is in the "On" position and the head unit displays "Interrupt".
- Test with a different audio device or a different 3.5mm cable to rule out issues with the source device or its output.
- Confirm that no other Ai-Net devices (like a CD changer) are connected simultaneously, as this cable requires exclusive use of the Ai-Net port.

Head Unit Does Not Recognize Auxiliary Input:

- Refer to your Alpine head unit's manual to confirm if an auxiliary input needs to be enabled in the settings.
- If your head unit is an older model, the "Audio Interrupt" advanced setup might be required.
- Ensure your Alpine head unit model is listed in the "Compatibility" section.

Poor Sound Quality (Static, Distortion):

- Lower the volume on your audio device and increase it on the head unit.
- Check for any damage to the cable or connectors.
- Ensure the 3.5mm jack is fully inserted into your audio device.
- Avoid routing the cable near power sources or other electrical interference.

If issues persist after following these steps, contact IMC Audio customer support or consult a professional car audio technician.

PRODUCT SPECIFICATIONS

| Feature | Detail |
|---------|-----------|
| Brand | IMC Audio |

| Feature | Detail |
|------------------------|---|
| Connector Type | Auxiliary (Ai-Net to 3.5mm) |
| Cable Type | AUX |
| Compatible Devices | Alpine Ai-Net Radios, Devices with 3.5mm Headphone Jack |
| Special Feature | Tangle Free |
| Connector Gender | Male-to-Male |
| Number of Pins (3.5mm) | 3 |
| Recommended Use | Connecting Alpine Ai-Net radio to auxiliary input devices |
| Color | Black |
| Item Weight | 3 Ounces |
| Cable Length | Approximately 4 Feet |
| UPC | 700604540697 |
| ASIN | B00L9ES58K |

WARRANTY INFORMATION AND CUSTOMER SUPPORT

For specific warranty details regarding your IMC Audio Ai-Net to 3.5mm Aux Input Cable, please refer to the documentation provided at the time of purchase or contact IMC Audio directly.

If you require further assistance or have questions not covered in this manual, please reach out to IMC Audio customer support. Contact information can typically be found on the manufacturer's website or through your retailer.