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AINAVI SW-10C

AINAVI 10" Active Slim Under Seat Car Subwoofer User Manual

Model: SW-10C | Brand: AINAVI

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your AINAVI 10" Active Slim Under Seat Car Subwoofer (Model SW-10C). Designed for optimal bass performance in a compact form factor, this powered subwoofer features a built-in amplifier and customizable LED ambient lighting. Please read this manual thoroughly before installation and use to ensure proper function and safety.

KEY FEATURES

- **10-inch Active Subwoofer:** Thin type design in a sealed aluminum enclosure for powerful bass.
- **Integrated Amplifier:** 800 Watts peak power output, 220 Watts RMS, with high-speed MOSFET power supply.
- **Customizable LED Lighting:** Fashion multi-colors ambient lighting, controllable via smartphone app or remote controller.
- **Flexible Input Options:** Features variable Low-Pass Filter (50Hz-250Hz), Low-Level Inputs (RCA), and High-Level Inputs.
- **Adjustable Bass:** Variable Bass Boost and GAIN Input for fine-tuning low bass.
- **Compact Design:** Dimensions of 343mm x 260mm x 82mm (13.5"x10.2"x3.2") and unit weight of 8 Lbs, ideal for under-seat installation.
- **Complete Wiring Kit:** Includes all necessary wiring and a high-to-low level input adapter for easy installation.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Underseat Active Car Subwoofer Bass
- High to Low Level Adaptor
- Power Cables & Fuse
- RCA Extension Cable
- Remote Control

- Copper RCA Cable
- Copper Power Wire
- Copper Ground Wire
- REM Cable
- Copper Terminals
- Stickers
- Product Manual (this document)



Image: The AINAVI 10" Active Slim Under Seat Car Subwoofer shown with all its included accessories, such as power cables, RCA cables, remote control, and high-to-low level adapter.



Accessories



High to Low
level input adapter



Remote Controller



Copper RCA Cable



Copper Power Wire



Copper Ground Wire



REM Cable



Fuse



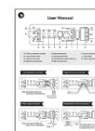
Remote control



Copper Terminals



Stickers



Product Manual

Image: A detailed view of the various accessories provided with the subwoofer, including the high-to-low level input adapter, remote controller, copper RCA cable, copper power wire, copper ground wire, REM cable, fuse, copper terminals, stickers, and the product manual.

INSTALLATION GUIDE

Proper installation is crucial for optimal performance and safety. It is strongly recommended to have this active car subwoofer installed by a professional. Ensure the vehicle's power is disconnected before beginning installation.

Placement Considerations

The compact design allows for flexible placement. Common locations include under the passenger seat or in the trunk.

Slim Body, Save Space



Under the Seat



In the Trunk

Image: The subwoofer's slim dimensions (13.5" x 10.2" x 3.2") are highlighted, showing its suitability for installation under a car seat or in the trunk, demonstrating its space-saving design.

Your browser does not support the video tag.

Video: This video demonstrates the compact design of the AINAVI 10" car subwoofer, highlighting its ability to fit under a car seat or in the trunk, and showcasing its powerful bass output and colorful LED ambient lighting features.

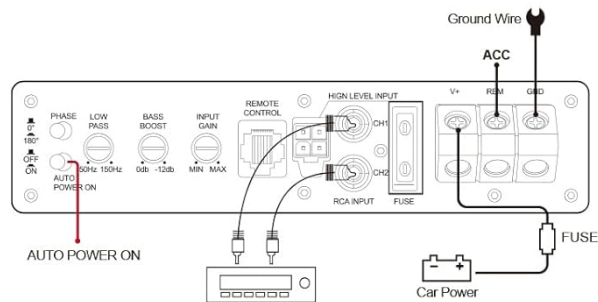
Wiring Connections

The subwoofer supports both Low-Level (RCA) and High-Level inputs. **Important: Do not input high/low level at the same time.**

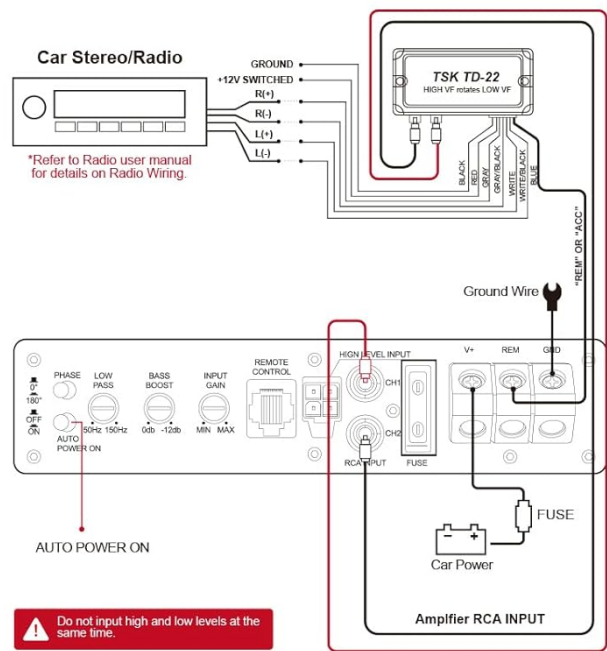


***Don't input high/low level at the same time.**

◆ Low Level Input Connection



◆ Power Input Connection



◆ High Level Input Connection

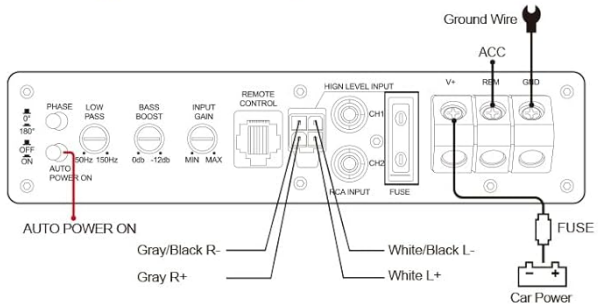


Image: Detailed wiring diagrams illustrating how to connect the subwoofer using Low-Level Input (RCA), High-Level Input, and Power Input connections. It also shows the control panel layout.



Image: A close-up view of the subwoofer's input panel, clearly showing the RCA input, High-Level input, and power terminals, along with various control knobs.

Low-Level Input Connection (RCA)

Connect the RCA output from your car stereo/head unit to the RCA INPUT on the subwoofer. This method provides the cleanest signal for optimal sound quality.

High-Level Input Connection

If your car stereo does not have RCA outputs, use the included high-to-low level adapter to connect directly to your speaker wires. Connect the speaker wires from your car stereo to the HIGH LEVEL INPUT on the subwoofer.

Power Input Connection

- Connect the **+12V** terminal to the positive (+) terminal of your car battery using the provided power cable and fuse.
- Connect the **GND** terminal to a clean, unpainted metal surface on the vehicle's chassis for a solid ground connection.
- Connect the **REM** (Remote) terminal to the remote turn-on lead from your car stereo. This will turn the subwoofer on and off with your stereo.

OPERATING INSTRUCTIONS

Once installed, you can adjust the subwoofer's settings for optimal audio performance.

Control Panel Functions

- **PHASE (0°/180°)**: Adjusts the phase of the subwoofer output. Experiment with both settings to find the one that provides the best bass response in your vehicle.
- **LOW PASS (50Hz-250Hz)**: Controls the low-pass filter frequency. This setting determines the highest frequency the subwoofer will reproduce. Adjust to blend seamlessly with your main speakers.
- **BASS BOOST (0dB to +12dB)**: Increases the bass output at a specific frequency. Use sparingly to avoid distortion.
- **GAIN INPUT (MIN/MAX)**: Matches the input sensitivity of the subwoofer to the output level of your car stereo. Start at MIN and slowly increase until desired volume is achieved without distortion.
- **REMOTE CONTROL**: Connect the wired remote control to this port to adjust bass levels conveniently from your driver's seat.
- **AUTO POWER ON (ON/OFF)**: When set to ON, the subwoofer will automatically turn on when it detects an audio signal from the high-level input.

LED Ambient Light Control

The subwoofer features multi-color LED ambient lighting. You can control the colors and effects using the dedicated smartphone app or the included remote controller.

Color LED Ambient Light



Image: The AINAVI subwoofer installed under a car seat, showcasing its vibrant purple LED ambient lighting, which adds a stylish element to the car's interior.

800W Car/Truck Subwoofer

10" Powered Car Subwoofer



Image: The AINAVI 800W Car/Truck Subwoofer prominently displayed, emphasizing its powerful output and the integrated LED lighting feature.

MAINTENANCE

To ensure the longevity and optimal performance of your AINAVI subwoofer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the subwoofer. Avoid using abrasive cleaners or solvents, as they may damage the finish.
- **Ventilation:** Ensure that the subwoofer's vents are not obstructed to prevent overheating.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Environment:** Avoid exposing the subwoofer to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

TROUBLESHOOTING

If you encounter issues with your subwoofer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Blown fuse, loose power connection, no remote turn-on signal.	Check and replace fuse if necessary. Verify all power and ground connections are secure. Ensure remote wire is connected and receiving signal from head unit.
No Sound	Incorrect input connection (high/low level), gain too low, low-pass filter set too high/low, phase issue.	Ensure only one input type (RCA or High-Level) is used. Increase GAIN. Adjust LOW PASS filter. Try switching PHASE (0°/180°). Check RCA or speaker wire connections.
Distorted Sound	GAIN too high, BASS BOOST too high, poor ground connection.	Reduce GAIN. Reduce BASS BOOST. Ensure ground connection is solid and free of paint/rust.
LED Lights Not Working	App/remote control issue, power supply to LED circuit.	Check app connection or remote control battery. Ensure subwoofer is powered on.

SPECIFICATIONS

Feature	Detail
Model Name	10 Inch Compact Underseat Car Subwoofer Bass
Speaker Type	Subwoofer
Speaker Size	10 Inches
Woofer Diameter	10 Inches
Speaker Maximum Output Power	800 Watts (Peak)
RMS Power	220 Watts
Frequency Response	20 Hz (Lower limit, typical for subwoofers)
Product Dimensions	10"D x 8"W x 3"H (343mm x 260mm x 82mm)
Item Weight	13.37 pounds
Mounting Type	Under Seat Mount, Car Mount, Clip On, Floor Standing
Special Feature	APP and Remote Control to Change LED Light Colors, Bass Boost, LED Light, Noise Canceling
Connectivity Technology	Auxiliary, RCA, USB, Wired
Control Method	App, Remote, Touch
Power Source	Corded Electric
Color	Black

Feature	Detail
UPC	760762576563

WARRANTY AND SUPPORT

AINAVI provides a one-year product warranty for this subwoofer. For any technical support or warranty claims, please do not hesitate to contact us.

You can reach us via Amazon email or directly through the seller, HomeCar. Customer service is available via phone at +1 833 858 5016, working hours are 3:00 PM to 12:00 PM PST.



Image: Visual representation of customer support contact details, including phone number and email, for assistance with the AINAVI product.