



INSTRUCTIONS

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HIMA250
Car Audio Subwoofer Box

Important

Thank you for purchasing the subwoofer box. For the secure installation and perfect operation of the product, please read and understand all instructions before you use the apparatus.

Precautions

For the box to perform at its best, we recommend to use it in a location where temperature doesn't go below 5 °C.

The location must also be dry and well-ventilated.

The supply voltage requirement is 12V DC with the negative connection grounded. Please make sure that the characteristics of your vehicle correspond with this requirement before connecting the equipment.

For safe driving, we recommend that you operate your sound equipment at a listening level that does not drown out traffic noise.

Warning!

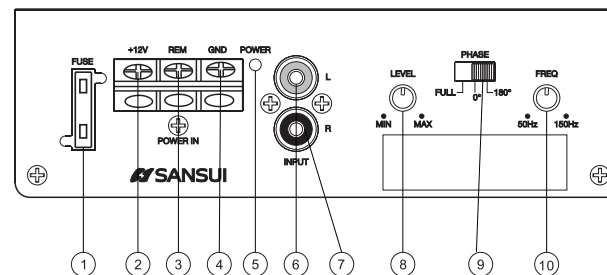
The performance of the SA-BA11 allows high sound pressure levels to be generated. We recommend that you adjust the level of your equipment correspondingly, keep your car audio volume moderate so that you can still hear sounds outside your car.

For safety reasons, it is essential that you securely fix the box enclosure in the boot (make sure you do not drill through the petrol tank if you fix it with screws).

Technical specifications

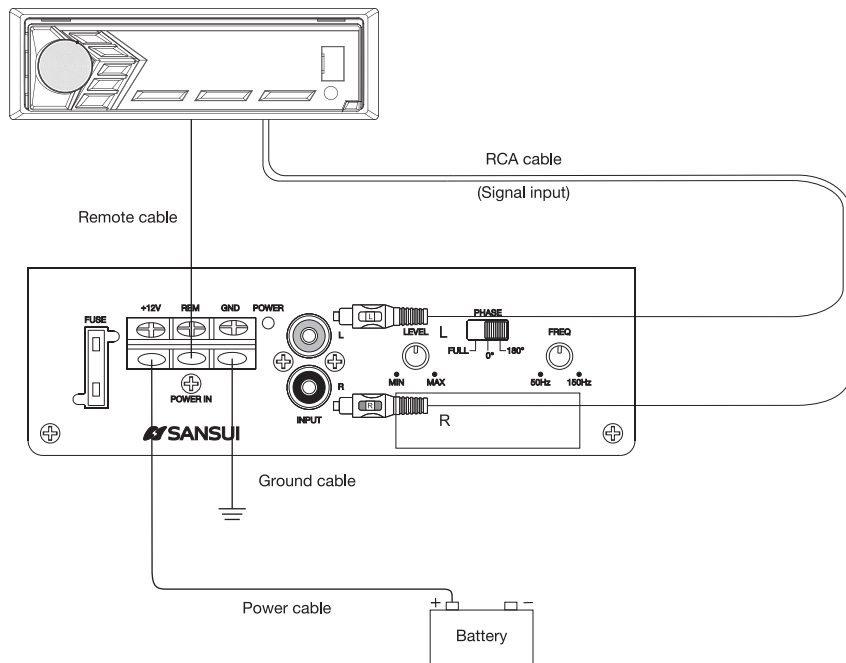
Model	HIMA250
Woofer	10''(254mm)
Nominal power	120W
Max power	800W
Impedance	4 ohms
Frequency response	30-600Hz
Sensitivity(SPL/1W/m)	80±3dB
Subwoofer Magnet	Ø120 x Ø60 x 20 mm
Power requirements	12V DC car battery(negative ground)
Power supply voltage	14.4V (10.5V~16V)
Unit dimensions	18.1x8.8''/11.0x11.8'' (460x225mm/280x300mm)
Box dimensions	510x330x360 mm

★ Design and specifications are subject to change without notice.

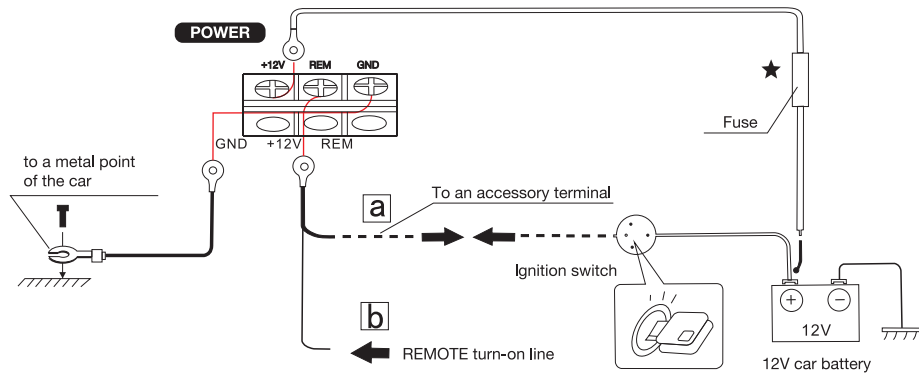


- 1.FUSE** protects the unit from damage made by dangerous volume of current.
- 2.+12V** connect the + 12V power supply of car battery with the power cable.(Note:power connections)
- 3.REMOTE** connect the electrical aerial output or the remote output of your radio with the remote cable.
- 4.POWER(GND)** must be connected to the chassis of your vehicle with a perfect electrical connection (remove some paint to reveal bare metal if necessary)and with the ground cable.
- 5.POWER INDICATOR LIGHT**
- 6.INPUT(L)** connect to the RCA output of the car radio with the RCA cable.
- 7.INPUT(R)** connect to the RCA output of the car radio with the RCA cable.
- 8.VOLUME** adjusts the input gain of the unit to accept different level of signal inputs.
- 9.CROSSOVER** there are 2 optional modes for the crossover:FULL,L.P.F.
- 10.FREQ** This is adjusting L.P.F frequencies.Controlls frequency of the amplifier between 50Hz and 150Hz.

Installation connections



Power Connections



* Place the fuse in the power supply lead as close as possible to the car battery.

Installation: Mount the subwoofer box inside the trunk.

Decide the best location possible that suits your automobile and space available. The best and most secure location for optimum sound quality is behind the rear seats, in the trunk floor.

To avoid difficult to heat dissipation, do not surround the unit, ensure the surrounding air convection is smooth, it's much better for reduce the working temperature.

***Remark:** It's hard to avoid having a jolt or scam for automobile while running, be laying firmly enough, suggest you use a bandage to fix the subwoofer box. (This bandage is not included, please buy by yourself.) Please make sure the box is tightly fixed.

Adjusting the sound level

Turn the level controls of the amplifier to their minimum positions. Choose music with high dynamic content that you like, that you are familiar with and will be most often used in the system.

Turn the unit up to its highest undistorted output level. If you lack test equipment, this point occurs between 3/4 to full volume depending on the quality of your source unit. Listen for any audible distortion. If any distortion is audible, reduce the volume of the source unit until you have an undistorted output. Leave the volume control at this position during your system tuning.

Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss. High powered automotive sound systems can generate sound pressure levels in excess of 130dB. When playing your system at high levels, please use heat protection and prevent long term exposure.

Repair guide

Issues	Causes	Solutions
Can't switch on the unit.	No + 12V on the remote. No + 12V on the supply. Ground not properly connected. Fuse broken.	Supply the terminal in + 12V. Connect the supply in + 12V. Check connections to ground. Change fuse.
The unit is on but no signal.	No signal. No remote.	Check signal cable. Check power on the remote.
Distorted output.	Source level too high. Gain of the amplifier too high.	Turn down the source level. Turn down the gain of the amplifier.
Blown fuses.	Output levels too high.	Turn the level or gain down.

What's in the box

1. Subwoofer box (x1) 2. Installation connection manual (x1)

* Accessories are subject to change without notice.