

NBT8A/10A/12A
BASS-REFLEX SUBWOOFER TUBE



Thank you for purchasing the Bass Tube. For the secure installation and perfect operation of your speaker, please read and understand all instructions before you use the apparatus.

Installation: Mount the bass tube 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 bass tube. (This bandage is not included, please buy by yourself.) Please make sure the bass tube 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.

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

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.

Precautions

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 NBT8A, NBT10A and NBT12A 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 bass tube enclosure in the boot (make sure you do not drill through the petrol tank if you fix it with screws).

What's in the box

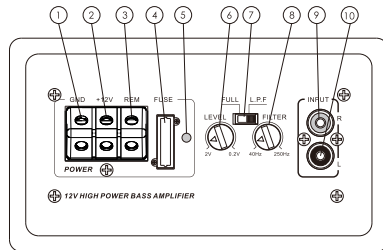
1. Bass tube (×1)
2. Installation connection manual (×1)
3. Mounting screw (×8)
4. Hexagonal wrench (×1)
5. Cable ties (×2)
6. Clips (×4)

* Accessories are subject to change without notice.

Technical specifications

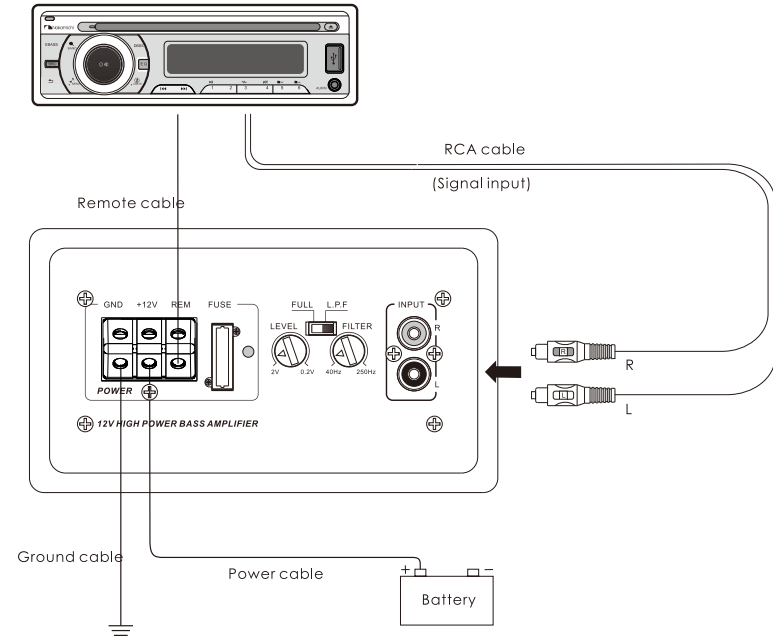
Model	NBT8A	NBT10A	NBT12A
Woofer	8" (210mm)	10" (256mm)	12" (305mm)
Nominal power	90W	110W	130W
Impedance	4 ohms	4 ohms	4 ohms
Frequency response	45-2.2kHz	40-2.1 kHz	35-4.5kHz
Sensitivity(SPL/1W/1m)	90± 2dB	90± 2dB	91± 2dB
Subwoofer Magnet:	120x60x20mm	120x60x20mm	140x60x20mm
Power requirements	12V DC car battery (negative ground)		
Power supply voltage	14.4V (10.5V~16V)	14.4V (10.5V~16V)	14.4V (10.5V~16V)
Bass tube dimensions	18.9x9.4x10.0" (480x240x255mm)	18.9x11.4x12.0" (480x290x305mm)	18.9x13.2x13.8" (480x335x350 mm)
Gift Box dimensions	550×290×325 mm	550×340×360mm	550×405×405mm

★ Design and specifications are subject to change without notice.

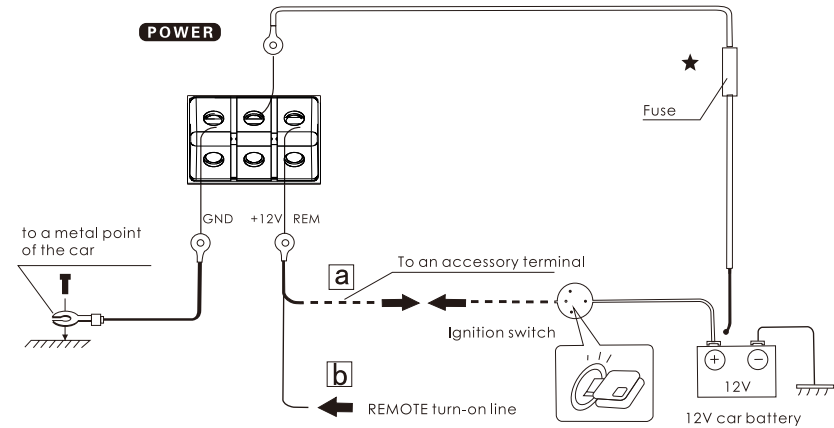


1. **POWER(GND)** must be connected to the chassis of your vehicle with a perfect electrical connection (remove some paint to reveal bare metal if necessary) and with the ground cable.
2. **+12V** connect the +12V power supply of car battery with the power cable. (Note: power connections)
3. **REMOTE** connect the electrical aerial output or the remote output of your radio with the remote cable.
4. **FUSE** protects the unit from damage made by dangerous volume of current.
5. **POWER INDICATOR LIGHT**
6. **LEVEL** adjusts the input gain of the unit to accept different level of signal inputs.
7. **CROSSOVER** there are 2 optional modes for the crossover: FULL , L.P.F.
8. **FILTER** This is adjusting L.P.F frequencies. Controls frequency of the amplifier between 40Hz and 250Hz.
9. **INPUT(R)** connect to the RCA output of the car radio with the RCA cable.
10. **INPUT(L)** connect to the RCA output of the car radio with the RCA cable.

Installation connections



Power Connections



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