

*C-9 Powered Subwoofer  
Owner's Information*

*Platinum Technology Co., LTD*

## C-9 Powered Subwoofer Information

### Important Instructions

1. Read your owner's manual carefully before using the product. Retain this manual for future reference.
2. The subwoofer should be placed at a ventilated, dry and cool location, away from any heat sources such as radiators or amplifiers. Do not obstruct the subwoofer amplifier from ventilation. It is necessary that air can flow around the finned heat sink on the rear panel of the amplifier.
3. Do not use the subwoofer near water or expose them to rain or moisture.
4. Always unplug the power cord first when making connections. Switch power on only after you check and make sure all connections are made correctly.
5. Unplug the power cord from the outlet when you are not going to use the subwoofer for a long period of time.
6. To clean, unplug the power cord from the outlet first. Use a damp cloth only to wipe dust of the surface. Do not use any liquid cleaners.
7. It's CLASS I apparatus, it shall be connected to a mains socket outlet with a protective earthing connection. Do not defeat the safety purpose of the grounding plug.
8. Do not put coffee cups or other objects on top of the cabinet. They can be shaken off when the subwoofer is in operation as it can produce a lot of vibration.

### Functions and Connections

Please refer to Fig.1 for functions on the amplifier.

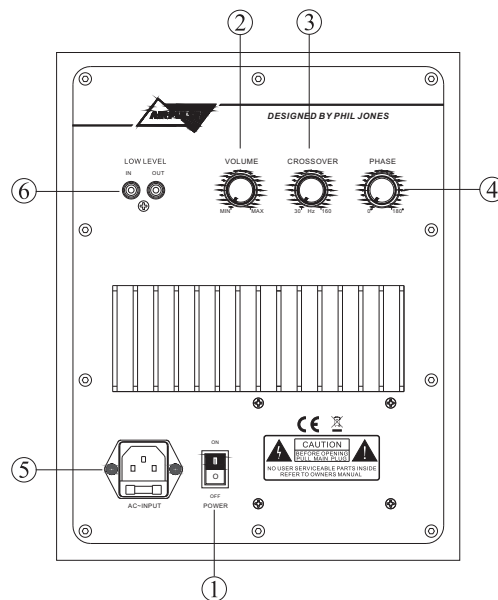


Fig. 1

① **Power Switch on/off**

Upper position: power on  
Lower position: power off

② **Volume Control**

Use this control to balance the level of the subwoofer with the level of your main speakers.

③ **Crossover frequency control**

If you are using small loudspeakers (4" to 6" woofers) in your main system, your will need to set the crossover frequency at a high position(100 to 160Hz). If your main speakers have larger woofers(8" and above) you will need to set the crossover frequency to much lower position (40 to 80 Hz). Generally, the larger the speaker, the greater the low frequency output will be. If the frequency control is set too high, the bass will appear "boomy" due to outputs of subwoofer and main speakers overlapping each other. If it is set too low, the bass will be ill defined and the subwoofer will sound detached from the rest of the system.

④ **Phase Control**

Use this control to determine the best possible bass performance of your system. There can be interference between your main speakers and subwoofer at the frequency where they cross over due to placement, room acoustics and type of main speaker used. By carefully positioning the subwoofer in the room in combination with the level and crossover control, you should be able to get a seamless transition between your main speakers and subwoofer. Start with the full anticlockwise 0 degree position. This means that the subwoofer will push out positive pressure wave corresponding to a positive electrical input. The 180 degree full clockwise position inverts this so the subwoofer will put out a negative pressure wave. You can use this position if you are unable to get a good integration between the subwoofer and main speaker.

⑤ **Power input socket and Fuse**

For continued protection, replace only with same type fuse.

⑥ **Line In/ Line Out**

Connect Line in to the subwoofer output of your amplifier/receiver. If you do not have a subwoofer output, you can connect up the subwoofer using the Line In/Out utilizing a tape input/output amplifier/receiver. Connect the tape output to the Line Input on the subwoofer, then connect the tape input to the Line Output on the subwoofer. To switch the subwoofer into the circuit, switch the tape monitor input on your amplifier/receiver.

## Connection

Please see diagrams below for different method of connecting the subwoofer to your main amplifier/receiver. It may be possible to use alternative connecting methods. Please refer to the owner's manual of your amplifier/receiver or seek professional advice from your retailer or installer.

**CAUTION!** Before switching power on, please make sure all connections are made properly, i.e., positive to positive, negative to negative.

### Connection method 1:

Connecting the subwoofer using dedicated subwoofer RCA output from receiver (see Fig. 2)

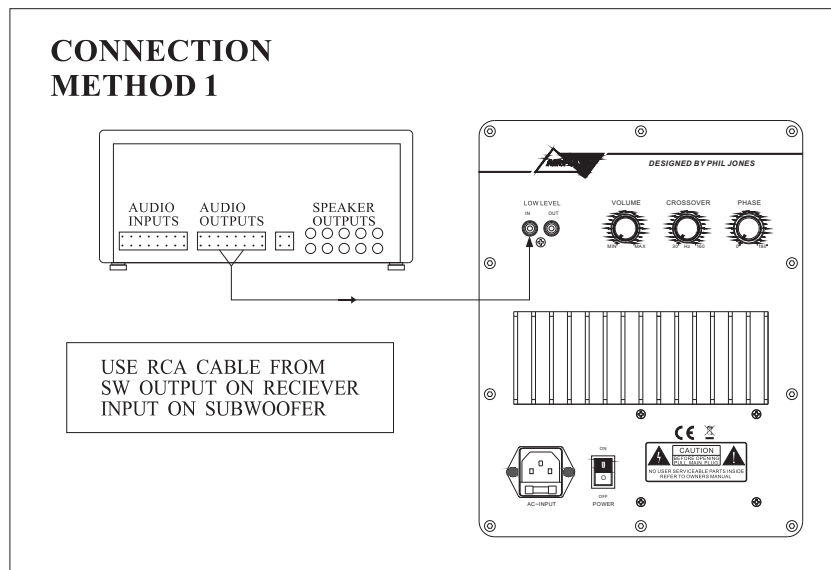


Fig. 2

### Connection method 2:

Connecting subwoofer between pre-amplifier outputs and power amplifier inputs( see Fig 3)

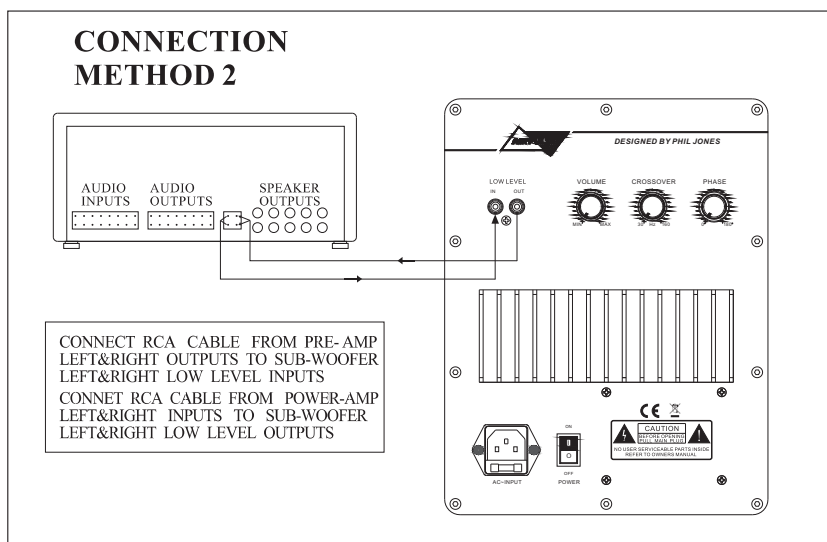




Fig. 3

## Service and Warranty

The C-9 Subwoofers have a warranty period of 1 year, starting from the date of purchase. This warranty is provided to the original owner who purchased the product from an authorized  dealer. This warranty covers defect in materials or workmanship that occurs in normal use only, and excludes damage that results from abuse, mis-use, accidents, shipping, or repairs or modifications by anyone other than authorized  representatives. The warranty is void if serial number has been removed.

Should you need service on your speakers, please bring it to the dealer whom you purchased from along with sales slip.

If this is not possible, call or write to:

**8509 Mid County Industrial Dr. St Louis,  
MO 63114, USA**

**Tel: 314-814-3383**

**Fax: 636-536-1338**

**E-mail: [info@air-pulse.com](mailto:info@air-pulse.com)**

## C-9 Specification

System:	Active Subwoofer
Amplifier Type:	Solid state class A/B
Power:	110 watts RMS
Driver:	10" composite cone woofer
Frequency Response:	30Hz-200Hz +/-3dB
Electronic Crossover:	variable 30Hz-160Hz,24dB/octave
Phase Control:	0° -180° variable
Inputs/Outputs:	RCA low level
Dimensions(HXWXD):	430X320X350(mm) / 16.9X12.6X13.8(inch)
Net Weight:	18 Kg (39.6 Lbs)



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