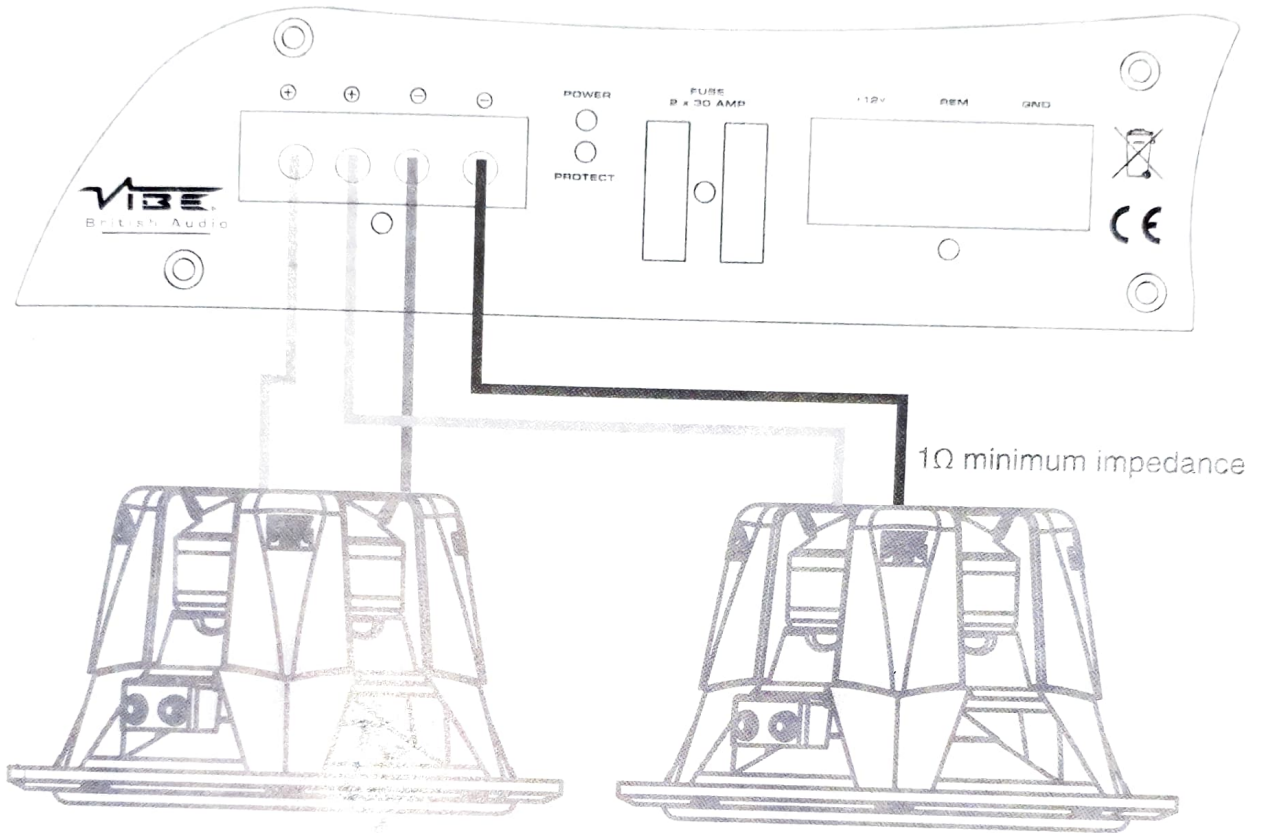
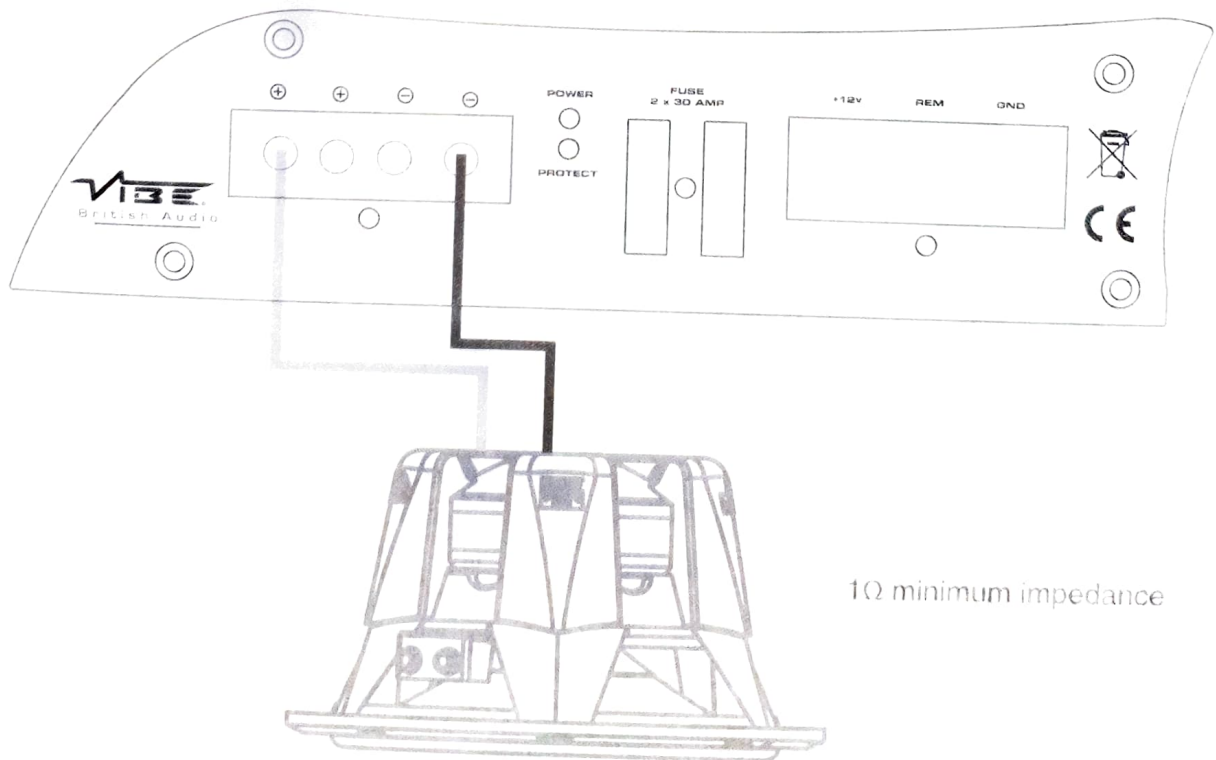


Powerbox 500.1

Dual Subwoofer Wiring Configuration



Single Subwoofer Wiring Configuration



Terminals And Connections



1. High level input

For connection to the speaker output of your source (head unit). This is to be used if the source (headunit) does not have a low level output.

2. Low level output

RCA output used to connect an additional amplifier or audio device.

3. Low level input

For connection to any source (head unit) with a low level output. This is your RCA output from the source (headunit)

4. Gain control

This control is used to match the input signal of the source to the amplifier. See the setup section for more details.

5. Phase control

This control is used to set the phase of the amplifier and is adjustable between 0° and 180°.

6. Bass boost control

This control is used to add bass boost to the amplifier centred at 45Hz and is adjustable between 0 and +12dB

7. Remote level control port

For connection to the supplied remote level control for the amplifier.

8. Subsonic filter frequency control

This control is used to set the subsonic filter frequency for channel 5 of the amplifier. The frequency is adjustable between 10Hz and 50Hz.

9. Low Pass Filter (LPF)

This control is used to set the crossover frequency for the amplifier when LPF is selected. The frequency is adjustable between 30Hz and 150Hz.

10. Speaker terminals

Used to connect speaker cables to the amplifier. See the wiring configuration section for more details

11. Power / protect LED

If the amplifier is operating normally, the GREEN LED will illuminate.

If the amplifier is in protection mode the RED LED will illuminate.

12. Fuse

Replace with only the same value ATC fuse : 2 x 30A

13. Power terminals

Used to connect DC power to the amplifier. See the power connections section for more details.

NOTE:

When using high level input, the REM terminal will now output a +12v feed that can be used to turn other devices in the system that do not have auto turn on.