

## **CLEAR SOUND WINDOW TRANSDUCER - INSTALLATION ADVICE**

1. When installing the transducers onto a glass window panel it is advisable to test for the sound output response at various points on the panel and utilise the position which produces the best results. Open the plastic bag containing the sticking pad and plastic disc and screw the plastic disc onto the front of the transducer. Now wire the device to the sound source and press the plastic disc onto the glass panel at various positions to ascertain the best volume and quality. When the best position has been located, degrease this position with a degreasing agent and wipe dry with a clean cloth.
2. Now peel back one face of the sticking pad and place centrally onto the top of the plastic disc making sure the disc is fully tightened onto the transducer, decide which way the wires are to be brought to the transducer from the window frame i.e. speaker connections at the bottom or left/right, when decision is made remove the top remaining cover from the face of the sticking pad and carefully position the transducer in the correct orientation onto the glass and fix. Now very carefully unwind the transducer from the pad and with very hard pressure force the plastic disc onto the window with your thumbs, taking great care to smooth out all the air bubbles and firmly affix to the window. Refit the transducer onto the plastic disc and connect the speaker wires.

### **IMPORTANT**

**Do not drop the transducer. It is very heavy for its size and if dropped serious damage will result.**

3. a) The transducer drive motor has an 8 ohms impedance and will work from any power amplifier on this setting. No more than 20 watts RMS should be allowed through this motor. To do so could burn out the windings and possibly damage the coupling piston. For further advice and information contact Sound Leisure Ltd.
3. b) A 1 amp quick blow fuse can be inserted into the + lead of the transducer input speaker wire for full protection, Part No. C/S002 alternatively a special solid state protection switch may be purchased which will automatically cut out in overload conditions and auto reset when operated correctly, Part No. C/S001.
4. A number of transducers arranged in a parallel combination can be utilised to drive and activate larger plate glass windows. For further advice contact Sound Leisure Ltd.

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5. To remove the plastic disc from a window installation, simply use a very thin kitchen knife. Force the knife blade down between the plastic disc sticking pad and the window slowly working around the circumference using the knife as a lever until you remove the disc. Clean the remaining glue on the window with a glue remover solvent.

**Specification:**

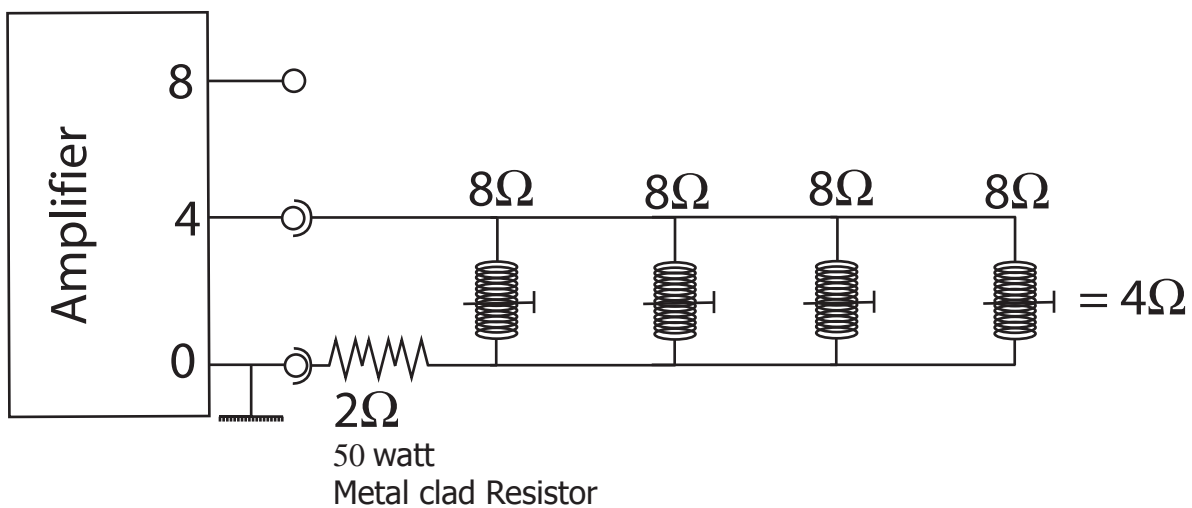
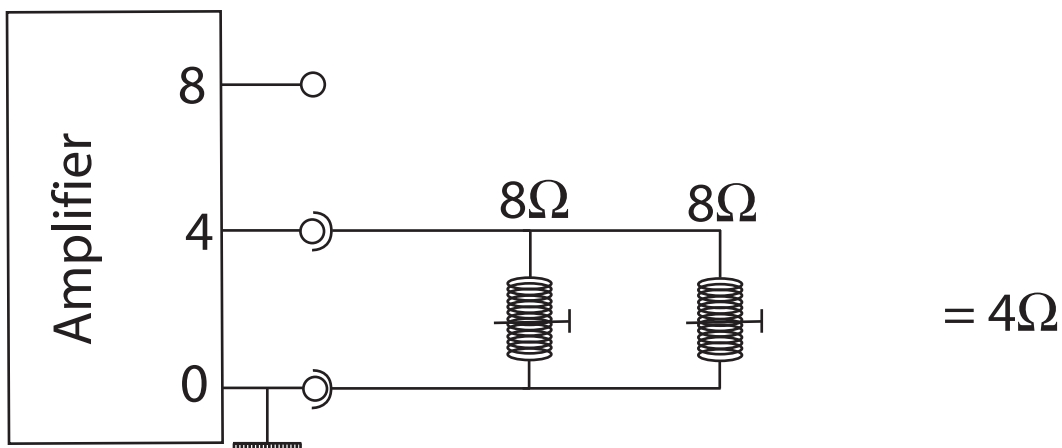
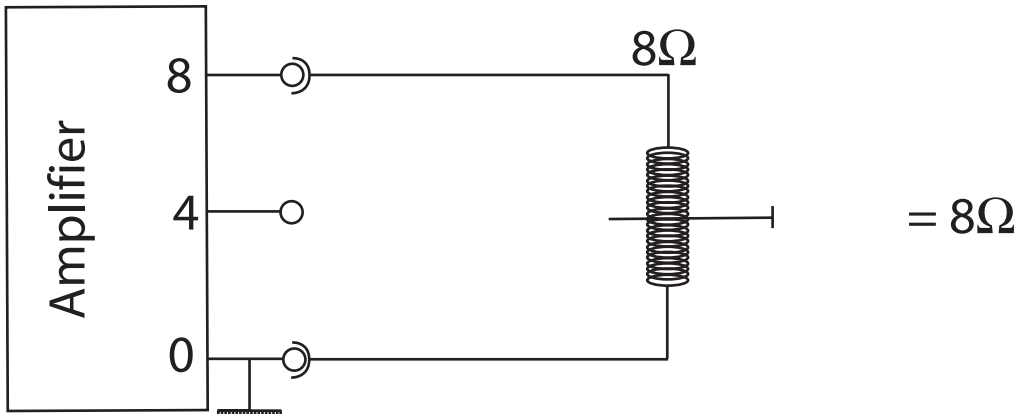
- a. 8 Ohm impedance
- b. 20 Watts RMS (30 watts peak)

**Spare Parts:**

1. Plastic window disc – C/S 004
2. Sticking pad – C/S003
3. 1 Amp quick blow fuse in holder – C/S002
4. Solid state protection switch – C/S001

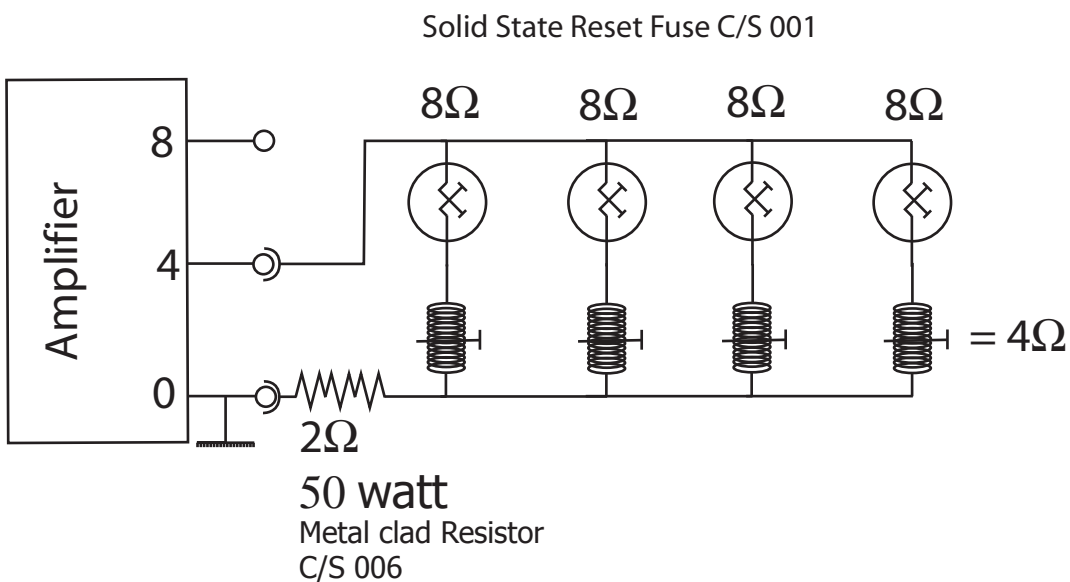
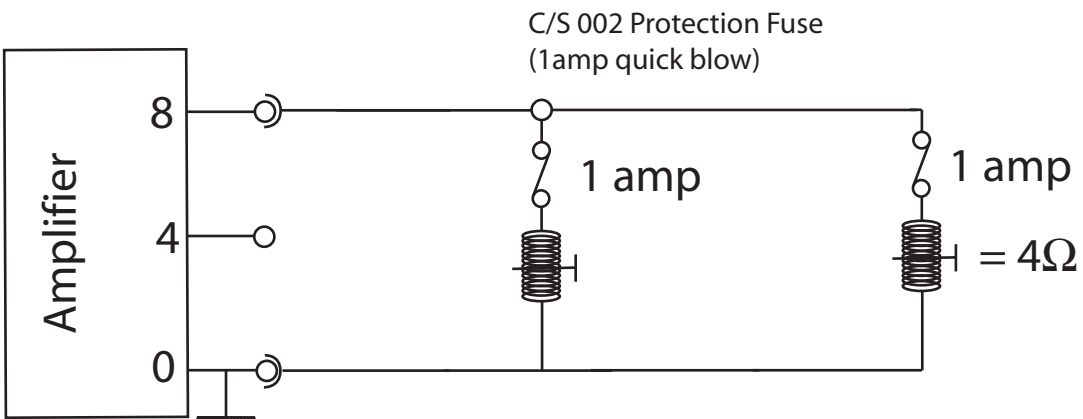
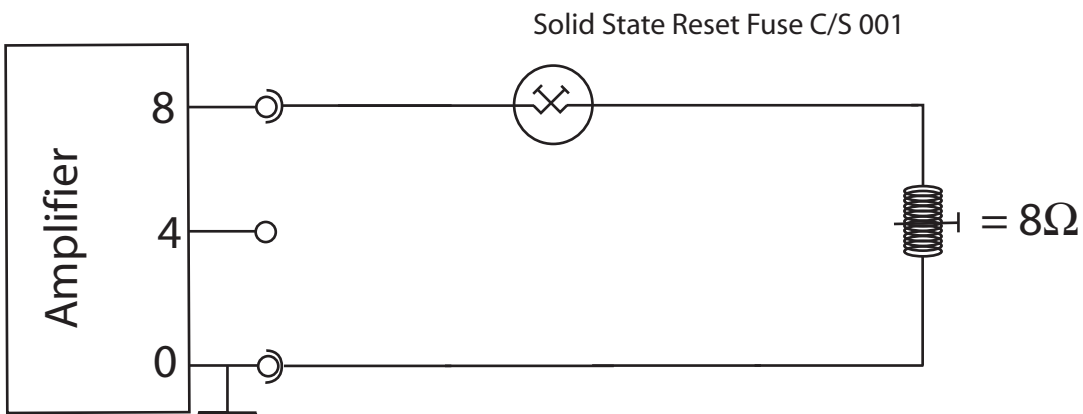
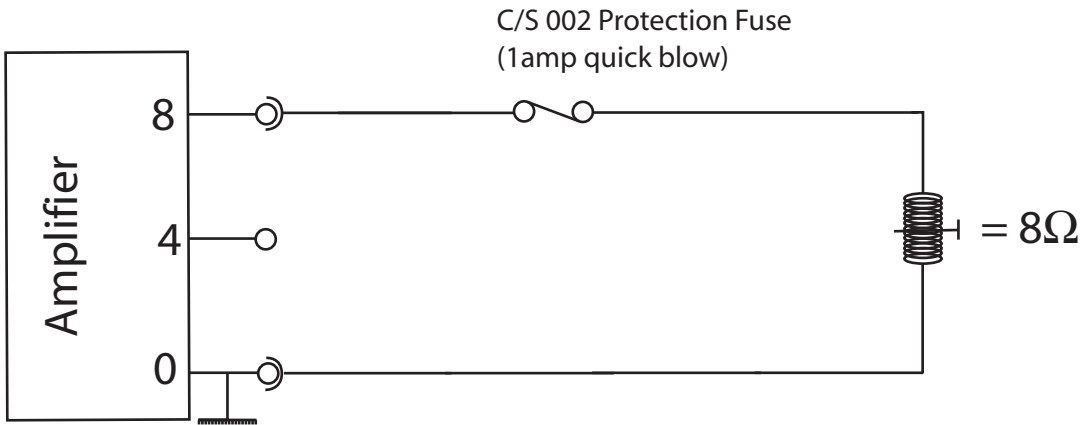
# Suggested Clearsound Transducer Amplifier Connections

(30 watt RMS Amplifier)



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