

# 623 **Owner's manual supplement**



## **Centre channel use**

The 623 can be used as the centre channel speaker, in a choice of three positions, depending on the mounting of your T.V. and it's position in the room.

The 623 uses a Dual Concentric Single Point Source drive unit so the sound dispersion, is equally good when the loudspeaker is mounted horizontally or vertically.

- The 623 can be mounted on the wall behind/above the T.V. The supplied bracket is designed so that the loudspeaker can be mounted either horizontally or vertically.
- The 623 can be positioned in front of/underneath the T.V. either upright on the loudspeaker end caps (Four small 'peas' of 'Blu-tack' can make a secure mounting between the loudspeaker and any shelf) or with the loudspeaker placed on its side on the floor pointing up at the listener.
- The 623 can be positioned on top of the T.V. either on it's side (If the T.V. is mounted low down) pointing up at the listener, or with the loudspeaker upright on it's end caps. (Again in both instances four small 'peas' of 'Blu-tack' can make a secure mounting between the loudspeaker and the top of the T.V.)

## **Surround and Effects use**

A pair of 623s should be mounted on the wall behind the main listening position. Sound reflects off hard surfaces and will reflect off the ceiling and side walls. Some reflection can be beneficial, adding to the atmospheric effect, but as a general guide the speakers should be mounted at least 12" down from the ceiling and 6" from the side walls.

The bracket supplied with the 623 is designed to hold the speaker flush against the wall. This is generally considered the best mounting compromise, angling in towards the listener often ruining the atmospheric effect by making the surround sound source locations too obvious.

Remember there is no absolute right or wrong: Personal taste is important. If it sounds good, it is good.

# 623

## TECHNICAL SPECIFICATIONS

Drive unit complement	6.5" cast frame Dual Concentric
Recommended amplifier power/channel	10-120 watt
Peak power/channel	200 watt
Nominal impedance	6 ohm
Minimum impedance	5 ohm
Sensitivity (2.83V @ 1m)	88.5 dB
Frequency response +/-3dB	100 Hz-30kHz
Crossover frequency	2.0 kHz
Crossover type	1st order low pass 1st order high pass
Terminals	Gold, Bi-Wired
System type	Closed box
Internal volume	7.75 litre
Dimensions (H x W x D)	296 x 276 x 188 mm 11.7 x 10.8 x 7.3"
Weight each	5.8 kg 13 lb

4 screws are provided to attach the 623 to one half of the supplied bracket. Once you have decided whether the 623 is to be mounted horizontally or vertically, attach the bracket to the loudspeaker with the "U" of the bracket pointing downwards. You should then mount the other half of the bracket securely to the wall where the speaker is to be used, with the "U" of the bracket pointing upwards. The 623 and bracket is then easily hooked over the wall mounted half of the bracket. If the 623 is not to be mounted on a bracket the 4 small mounting holes should be blocked with the 4 nylon plugs provided.

### Contents:

- 1 x 623
- 1 x Two piece bracket
- 4 x No. 8 wood screws
- 4 x Nylon plugs

