



**SVT-1540HE Speaker Enclosure
Owner's Reference Guide**

SVT-1540HE SPEAKER CABINET OPERATION

The Ampeg SVT-1540HE speaker cabinet is designed to be used singly or with multiple SVT-1540HE cabinets. The cabinet is designed to be used as two separate 4 ohm cabinets (Bi-Amp Inputs) or one 8 ohm cabinet (Full Range Inputs). To prevent damage to your power amp, care should be taken to ensure that the total speaker load impedance does not exceed its impedance handling capability.

Use with SVT-II/SVT-300

If you are using one SVT-1540HE cabinet in conjunction with an Ampeg SVT-II or SVT-300 amplifier, set its impedance selector to 2 ohms, and use both Bi-amp Inputs of the cabinet. Although you are not actually bi-amping, you are accessing two separate 4 ohm enclosures which produce a 2 ohm total load.

When using two SVT-1540HE cabinets, set the amplifier at 4 ohms impedance, and use one of the Full Range Inputs on each cabinet; this will produce a total load impedance of 4 ohms.

Use with SVT-400TH

If you are using one SVT-1540HE cabinet in conjunction with an Ampeg SVT-400TH amplifier, you can operate in Mono Bridge Mode or Bi-Amp Mode but you can only use one cabinet per amplifier.

Mono Bridge Operation

Make sure that the amplifier is in Mono Bridge by selecting that mode on the rear panel. You will need a speaker cable with a banana plug on one end and a 1/4" plug on the other. Then connect the banana plug across the two middle (red) binding posts, noting proper polarity, and the 1/4" plug to either of the Full Range Inputs.

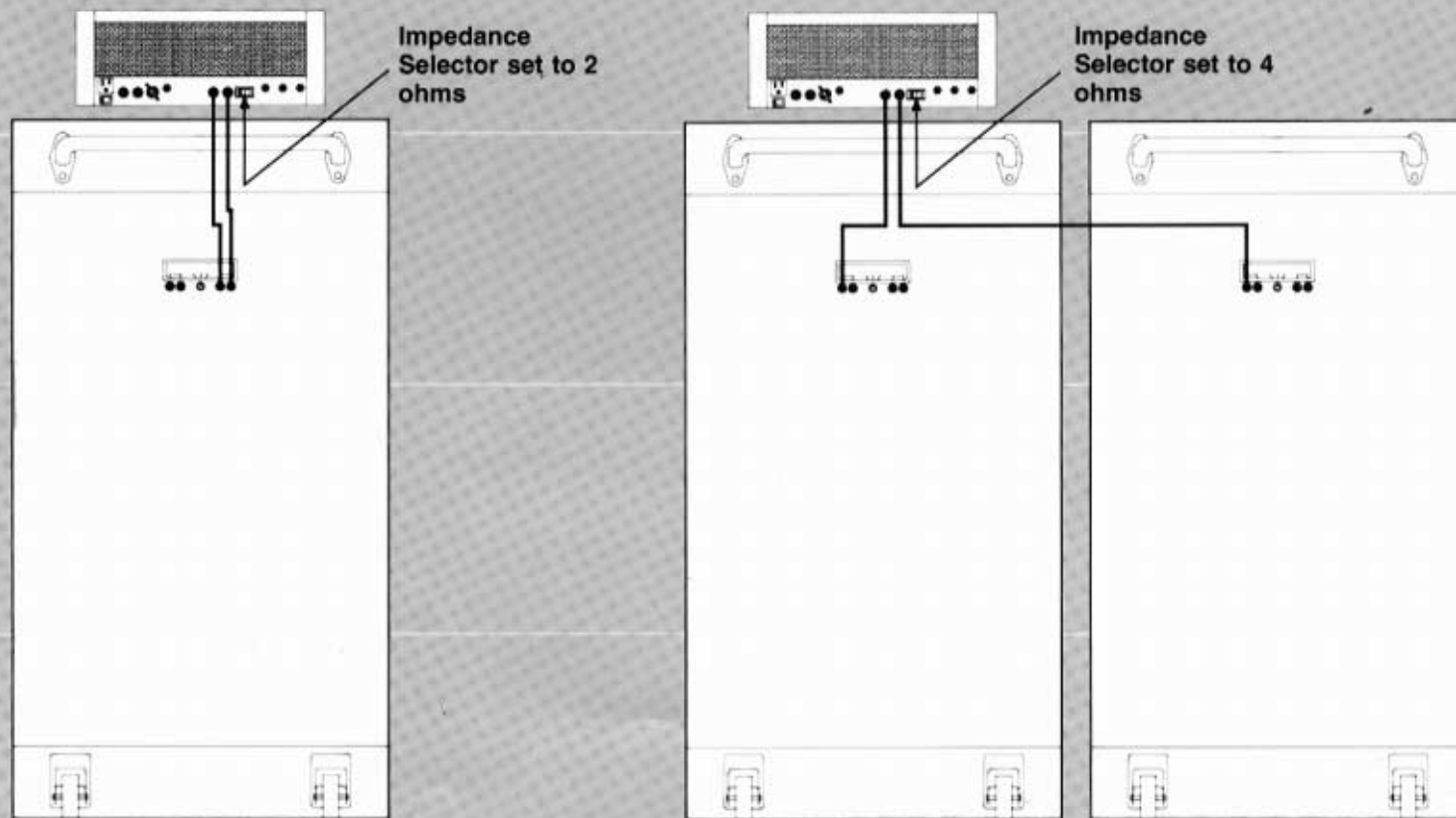
Bi-Amp Mode

Make sure that the amplifier is in Slave operation by selecting that mode on the rear panel. Connect patch cords from the Bi-Amp output jacks to each Power Amp input jack and connect the low and high output channels to the respective Bi-Amp Inputs on the SVT-1540HE.

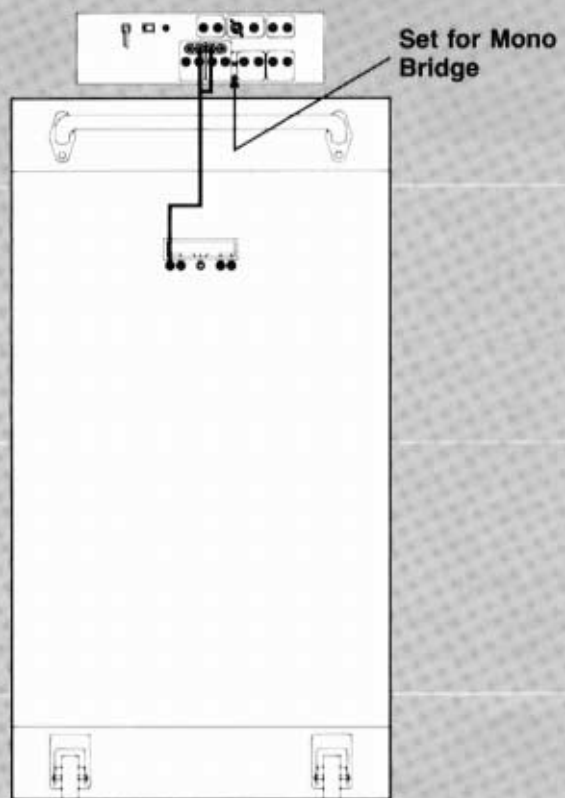
Use with SVT-III/SVT-200TH/AP-3550

The SVT-1540HE can be used singly or in pairs with the above amplifiers, but only use the Full Range Inputs of the cabinets. Total load impedance cannot be less than 4 ohms.

MONO MODE (SVT-II)



MONO BRIDGE MODE (SVT-400TH)



BI-AMP MODE (SVT-400TH)

