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NILES AUDIO CORPORATION

HDS-6L HIGH DEFINITION SPEAKER SELECTION SYSTEM HOOKUP & OPERATING INSTRUCTIONS

Please fill out and mail the enclosed warranty registration card.

NOTE TO OWNERS OF TUBE AMPLIFIERS: VIRTUALLY ALL TUBE AMPLIFIERS MUST HAVE A LOAD CONNECTED AT ALL TIMES. IF THE AMPLIFIER TO BE CONNECTED TO THE HDS-6L IS A TUBE AMPLIFIER, BE SURE TO ALWAYS HAVE AT LEAST ONE PAIR OF SPEAKERS SWITCHED ON AT ALL TIMES. AN ALTERNATIVE IS TO PERMANENTLY CONNECT A 150 OHM, 5 WATT RESISTOR ACROSS THE TUBE AMPLIFIER'S OUTPUT IN PARALLEL WITH THE HDS-6L. SEE FIGURE #2 ON REVERSE SIDE.

INTRODUCTION

The HDS-6L is a high-power, high-definition speaker selector designed to switch up to six pairs of loudspeakers. Any or all pairs can be played simultaneously. The HDS-6L has impedance protection circuitry that keeps the amplifier running safely even if all six pairs of speakers are playing at the same time. The rear panel connector blocks are removable and can accommodate up to 14 gauge speaker wire making the HDS-6L compatible with most "high definition" speaker cables.

CONNECTIONS

Refer to figure #1 on the reverse side for details.

The insulation on each wire should be stripped 1/4" - no more - the ends twisted tightly together, then inserted into the appropriate hole on the rear panel terminal block. Be certain the proper phasing is observed, that is, connecting positive terminals on the HDS-6L to positive terminals on the amplifier and speakers and negative terminals on the HDS-6L to negative terminals on the amplifier and speakers.

OPERATION

The PROTECTION SWITCH operates as follows:

OUT POSITION

1. When playing 1 or 2 pairs of 8 ohm speakers.
2. When playing 1 pair of 4 ohm speakers.

IN POSITION

1. When playing 3 to 6 pairs of 8 ohm speakers.
2. When playing 2 to 6 pairs of 4 ohm speakers.
3. When playing mixed impedances
(some 8 ohm, some 4 ohm)

Operation is straightforward. Simply depress the button(s) which correspond to the speaker pair(s) you wish to play and set the amplifier volume to the desired listening level.

SPECIFICATIONS

Audio Power Handling	250 watts/channel continuous (RMS)
Overall Dimensions	17" Wide x 2 1/8" High x 10 11/16" Deep
Weight	5 1/4 lbs.

HDS-6L

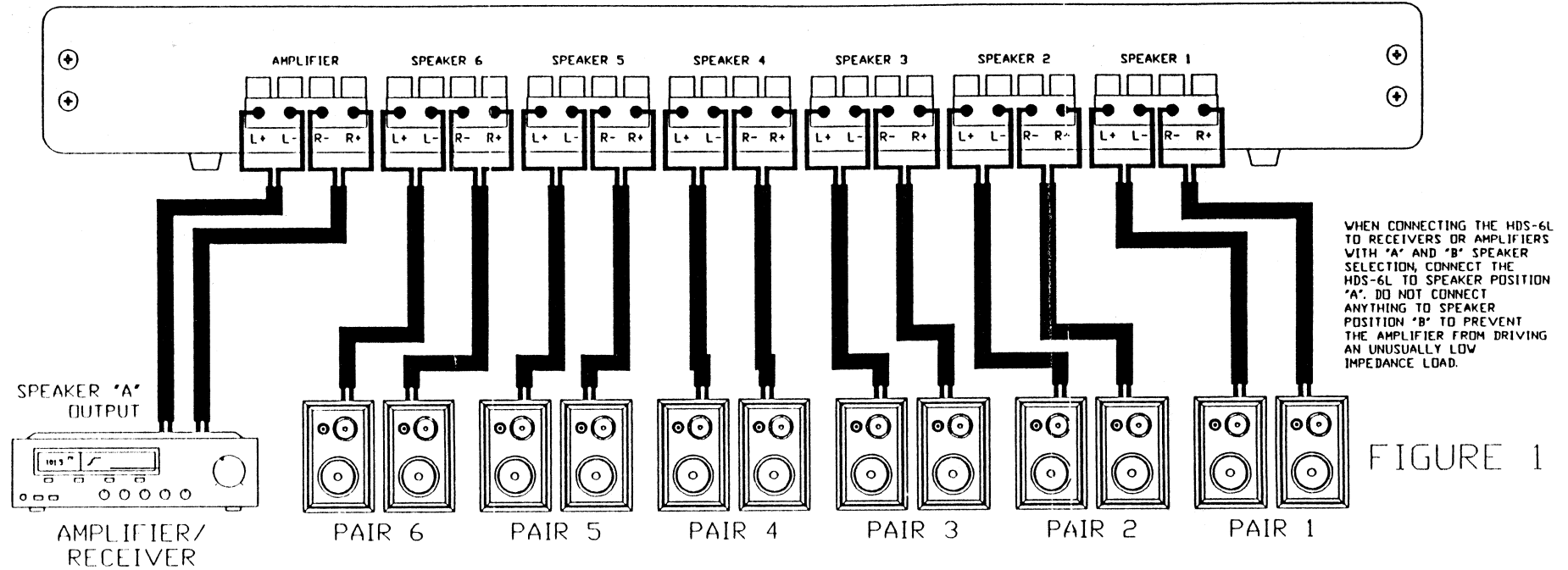


FIGURE 1

HDS-6L

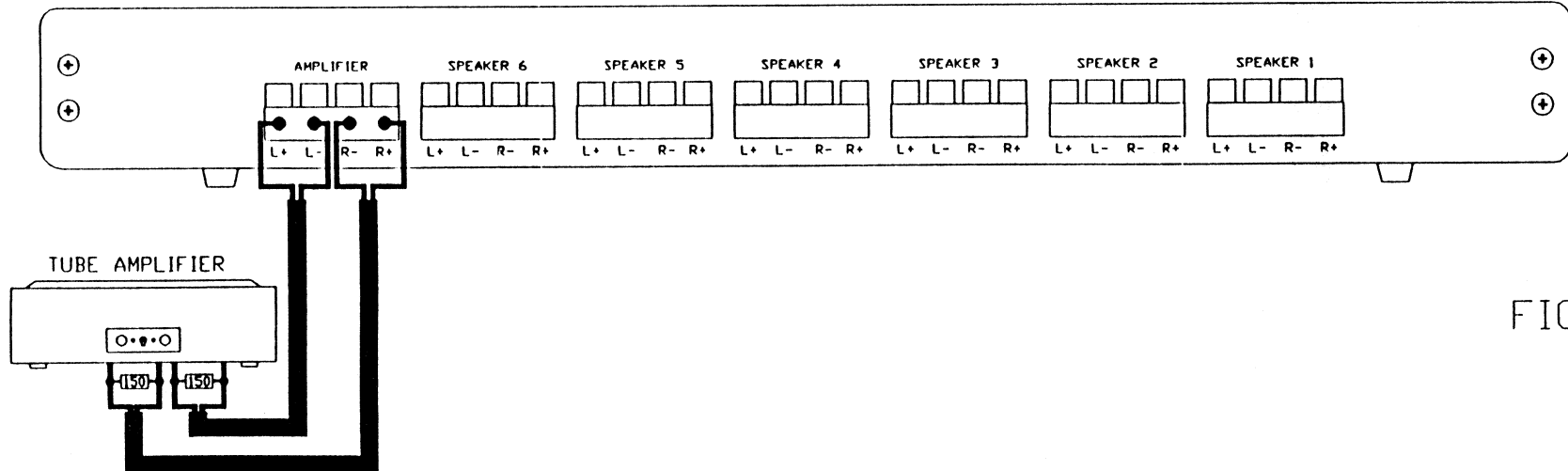


FIGURE 2