DIGITECH Audio

2-Way Stereo Speaker Switch
AC-1400
User Manual

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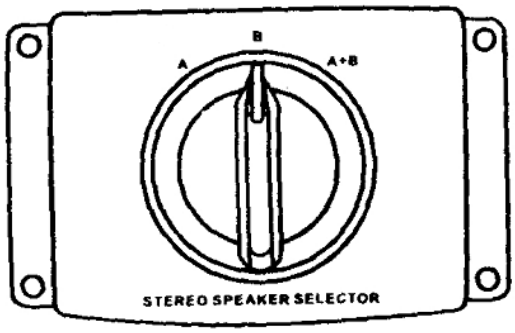
Two-Way Speaker Selector Switch

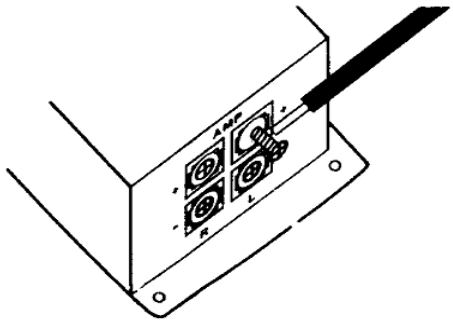
The Two-Way Speaker Selector Switch is designed with non-shorting contacts to connect two pairs of stereo speaker systems. The switch lets you select one or both connected speaker systems, without overloading the transistor output stages.



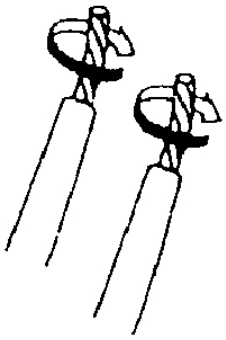
Caution: This speaker selector switch is limited to a maximum of 10 watts/channel, continuous music power.

CONNECTIONS

You can connect the speaker selector switch between an amplifier's speaker output terminals and the speaker input terminals.
To connect speaker wire to a speaker selector switch terminal, wrap the stripped end of the wire around the terminal's screw stem (under the washer).



Caution: When using stranded wires, twist them so all strands contact only the appropriate ter- minals. If loose strands touch nearby ter- minals, the system might not operate properly.



Use a screwdriver to loosen and tighten the four **AMP** and eight **SPK A** and **SPK B** terminal screws.

Caution: Be sure to follow proper polarity (– to – and + to +) when making connections.

1. Connect the amplifier's left speaker output terminals to the **AMP L** (left) negative (–) and positive (+) terminals and tighten its screws.
2. Connect the amplifier's right speaker output terminals to the **AMP R** (right) negative (–) and positive (+) terminals and tighten its screws.
3. Connect the first speaker system's left and right negative (–) and positive (+) terminals to the corresponding **SPK A R** and **L** terminals on the speaker selector switch and tighten its screws.
4. Connect the second speaker system's left and right negative (–) and positive (+) terminals to the corresponding **SPK B R** and **L** terminals on the speaker selector switch and tighten its screws.

IMPEDANCE CHART

Impedance is a measurement of the load placed on your receiver / amplifier by the speakers. The load placed on your receiver/ amplifier from the speaker selector switch will vary depending on how many pairs of speakers you turn on at one time, and on which speakers you turn on. The chart below shows the im- pedance for all possible combinations of 8-ohm speakers.

SPEAKER SETS ON	IMPEDANCE (Ω)
A	8
B	8
A+B	4

Note: Impedance restriction for total speakers is 4 ohm. Therefore, you should ensure your system or amplifier will accept a 4 ohm load at the speaker output.