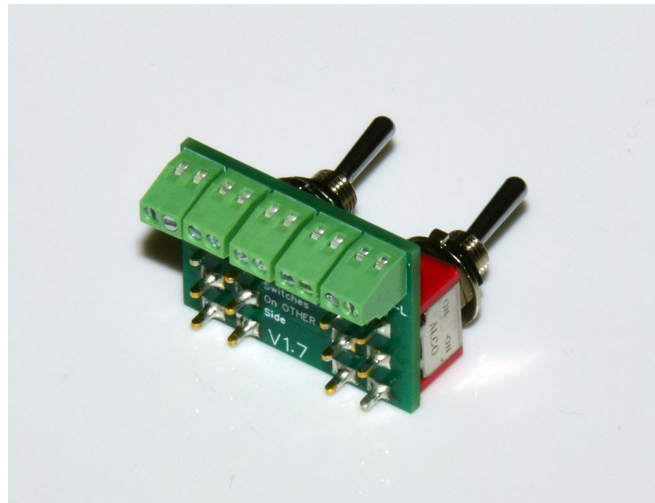


Application & Purpose:

PCB to allow mounting of two double pole toggle switches, with which to toggle each pair of speakers on and off.

Includes solder pads for terminals- all are labelled



Specification:

Channels	Four - two stereo pairs
Switch type	Double pole, two position, toggle switch x 2
Switch Positions	Two: On and Off

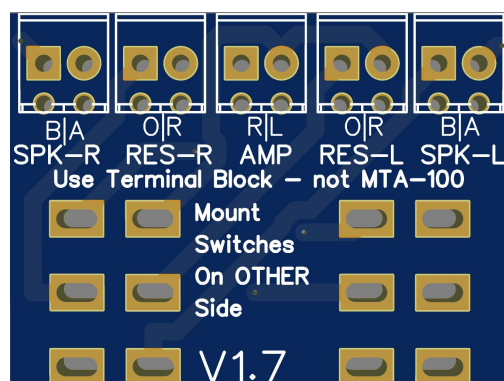
Details:

A simple PCB for attaching two double pole two position switches for toggling each of two pairs of speakers on and off

Circuit includes the provision for two resistors (usually 2ohm), which are switched in-circuit when both pairs of speakers are switched to 'on'. This is to protect the power amplifier in the event of two pairs of 4ohm speakers being connected; in which case the amplifier would see 2ohms. A 2ohm resistor switched in-circuit will increase the load to 4ohms. These resistors are not in-circuit when only one pair of speakers is selected.

These resistors can be replaced with wire links, but this risks exposing your amplifier to loads of less than 4 ohms when both sets of speakers are switched on. This is not recommended and you do so at your own risk.

Bare PCB:



Parts List:

ID	Value/Spec	Quantity	Manufacturer	Manufacturer Part	Supplier Part
	SWITCH-DPDTES	2	RS-PRO	734-7016	394-475
		5	RS-PRO	790-1098	790-1098

Parts available from [RS Online](#). Also try [Farnell](#), [Mouser](#) and other online suppliers.

Parts from different manufacturers can be substituted where spec is sufficient

Supplier trading names may differ by country.