

LOAD RESISTOR PLUG VALUES AND SOUND EFFECTS

The Front Panel Section, under the paragraph describing the Load Resistor Input, includes suggestions for altering the amplifier input impedance to match the impedance of the pickup(s) in your instrument. The information in the chart below and the instructions that follow have been provided to enable you to further customize your sound by making your own load plugs using capacitors, resistors, and RCA input plugs available at most hardware or electronics stores. Various capacitance and resistance values are given, with a description of their overall effect on your sound.

With each Seymour Duncan Convertible Combo amp you receive the following two (2) load resistor plugs:

<u>Load Input Value at 1khz</u>	<u>Capacitance (in picofarads)</u>	<u>Resistance (in ohms)</u>	<u>Sound Effect</u>
500k	3300pf	10k	Use with acoustic pickup to enrich tone
1 meg	-0-	1 meg	Will make tone slightly smoother sounding

Other plugs that you can build yourself include:

<u>Load Input Value at 1khz</u>	<u>Capacitance (in picofarads)</u>	<u>Resistance (in ohms)</u>	<u>Sound Effect</u>
26k	.01	10k	Slightly rolled off high-end. Use in bright sounding room or with pickups that are too bright
11.5k	.1	10k	For mellow, smooth jazz sounds
10k	-0-	10k	Quietest operation when using Low Impedance pickups

How to make a load resistor plug:

Purchase raw RCA plugs and resistors at an electronics hardware store. Using a single resistor with a value of 1 ohm - 4.7 meg ohm, 1/8 watt or 1/4 watt, simply solder it to the hot (pin) and to the ground (crown). You can also try different value capacitors with physical size being your only limitation. For reference, you may want to examine one of the supplied load plugs and compare.