

# Seymour Duncan®

## PREAMP MODULES

The preamp is the heart of any amp's sound. It's where the signal is shaped. When you change the characteristics of the preamp, you change the fundamental tone of the amp.

The preamp section of the Convertible amp uses 5 modules. By changing one or more modules you get a completely new sound.

When this manual was written, eleven modules were available. New modules are always under development, so check with your Seymour Duncan dealer if you can't find just the right module for your sound.

Here is a chart that explains the characteristics of each module and some popular module arrangements.

Model	Group Type*	Circuit	Frequency Response (-3 db)	Gain @ 1khz	Description	
Normal	I	Tube	10hz-12khz	2.35	Quiet and clean tube sound. Flat and wide frequency response.	Excell normal
Low Cut Normal	I	Tube	160hz-12khz	23.5	Same as above, but cuts low frequency at 160hz at 6db per octave. Somewhat leaner tone.	The b are n amplifi ceme cancell
FET	I	Solid State	55hz-40khz	20.0	Solid state device with tube characteristics. Flat and wide frequency response.	Troub tube (1).
IC	I	Solid State	50hz-40khz	20.0	Same advantages as FET, but harder sound.	Clean overdr
Cascode	I	Tube	10hz-8khz	27.8	Using different circuit arrangement than normal. Also using 12AU7 tube instead of 12AX7, bit more gain and brighter, crisp tone. Lots of detail.	Has a it our