

PRE-AMP Tubes

All of Carvins' current 'Tube' amplifiers use the same pre-amp tube. The 12AX7 is a high gain dual triode vacuum tube. This means each tube has two identical sections.

Vintage series (VT50, Nomad, Bel Air, and current Vintage 33) and Valve Master series (Stage Master 212, Club Master 112, and Valve Master 100)

V1 is closest to the edge of the chassis and is split in half, one section for the clean channel and one section for the soak channel. This position is most susceptible to microphonics.

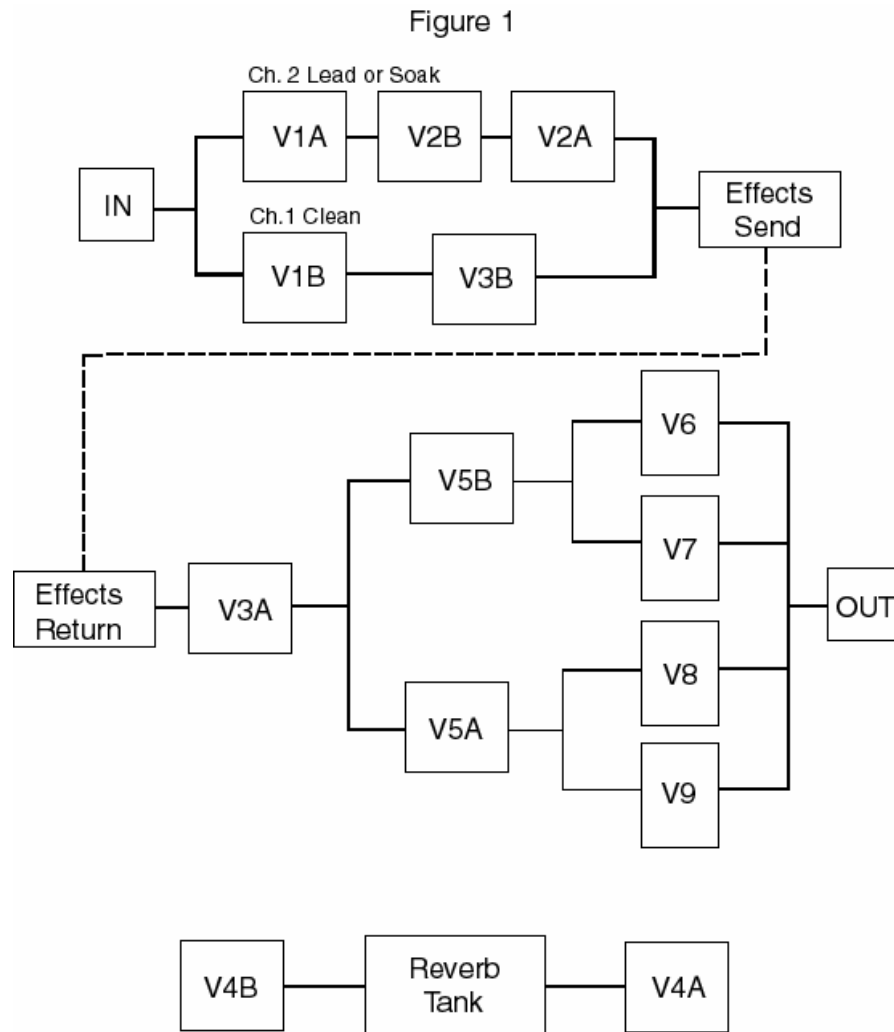
V2, both sections are for the soak channel. This position is also susceptible to microphonics.

V3, half is for the clean channel, and half is for both channels.

V4, Both sections are for Reverb, one for send, and one for receive.

V5 is used a little differently, both sections are used to drive the power tubes. This is commonly called the "inverter".

See figure 1 for flow chart.



MTS3200 series (MTS3212)
Legacy series (VL212 and VL100)

V1 is closest to the edge of the chassis and is split in half, one section for both clean and lead channel, and one section for the lead channel only. This position is most susceptible to microphonics.

V2, both sections are for the soak channel. This position is also susceptible to microphonics.

V3, half is for the clean channel, and half is for both channels.

V4, Both sections are for Reverb, one for send, and one for receive.

V5 is used a little differently, both sections are used to drive the power tubes. This is commonly called the “inverter”.

See figure 2 for flow chart.

