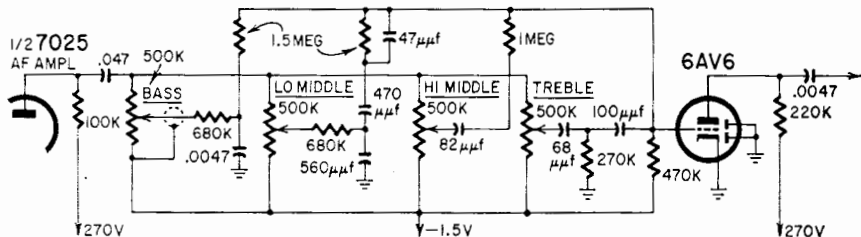


# NOTEWORTHY CIRCUITS

## UNUSUAL TONE CONTROL

This four-channel tone control or audio equalizer may well be the start of a trend among audio design engineers. This circuit, used in the Blonder-

boost and 10-db cut at 50 cycles. The LO MIDDLE and HI MIDDLE controls provide a boost of up to 15 db and cuts of 20 db at 300 and 1,600 cycles, respec-



Tongue model A-1 amplifier, breaks the spectrum between 50 and 8,500 cycles into four segments or channels to simplify correcting for deficiencies in recordings and speaker systems and to provide various special sound effects. The BASS control provides a 6-db

tively. The TREBLE control has a maximum boost of 15 db and cut of 6 db at 8.5 kc. Greater boost and cut are obtained by operating more than one control. With the controls in the flat position response is flat within  $\pm \frac{1}{2}$  db from 30 cycles to 15 kc.