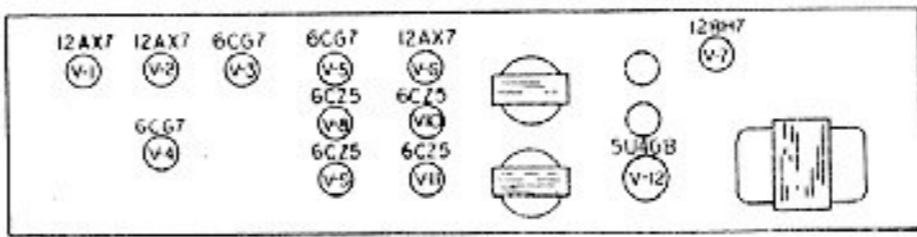


INSTRUMENT AMPLIFIER  
 MODEL 280-A  
 117 VOLTS 60 CY 185 WATTS

- V1, V2, V6 — 12AX7, ECC83
- V3, V4, V5 — 6CG7
- V7 — 12BH7
- V8, V9, V10, V11 — 6CZ5, 6973
- V12 — 5U4GB, 5AS4A



NOTES:  
 VOLTAGES READ WITH A VTVM TO GROUND  
 NO SIGNAL, ALL CONTROLS OFF.  
 ▽ = VARISTOR

PATENT APPLIED FOR ON VIBRATO CIRCUITRY

# Basic Magnatone 280-A,B Block Diagram

## Two Preamps, Two Amplifiers

Al Lehman 6/9/08

