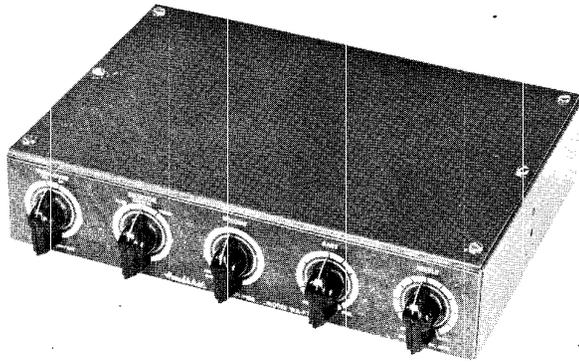
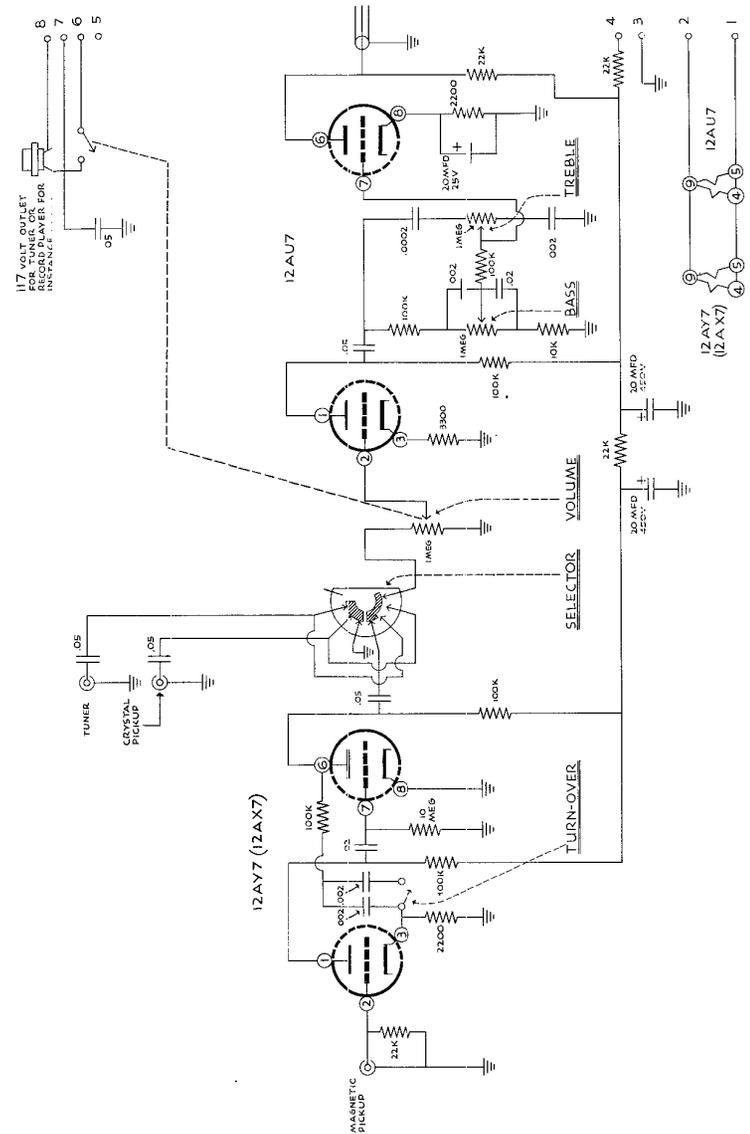


# HEATHKIT PREAMPLIFIER MODEL WA-P1



## Preamplifier (WA-P1)

Tube Complement . . . . .	1 - 12AY7 (or 12AX7) and 1 - 12AU7.
Switch selected inputs. . . . .	2 - low gain for crystal pickup and tuner. 1 - high gain for magnetic pickup.
Switch selected turn-over . . . . .	for 73 RPM and LP on high gain channel.
Base tone control at 20 cycles . . . . .	boosts 15 db max., cuts 15 db max.
Treble tone control at 20KC. . . . .	boosts 15 db max., cuts 15 db max.
Input voltage at 1KC for 1.2 volts output. . . . .	0.2 volts across 1 megohm on low gain channels. 0.004 volts across 22K or high gain channel
Power requirements. . . . .	220V DC at 6 mA and 6.3V at 600 mA.
Dimensions less shafts and knobs . . . . .	2 1/4" high x 10 1/4" wide x 7 1/4" deep.



PREAMPLIFIER CIRCUIT DIAGRAM