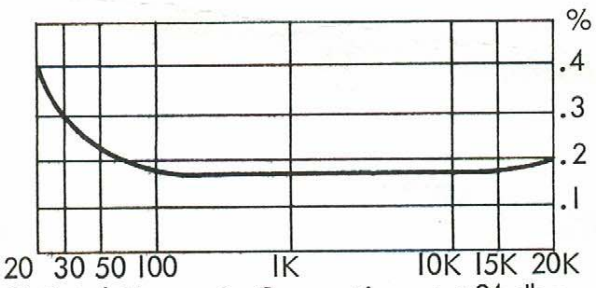
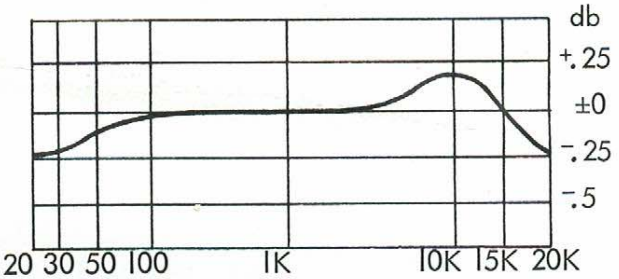
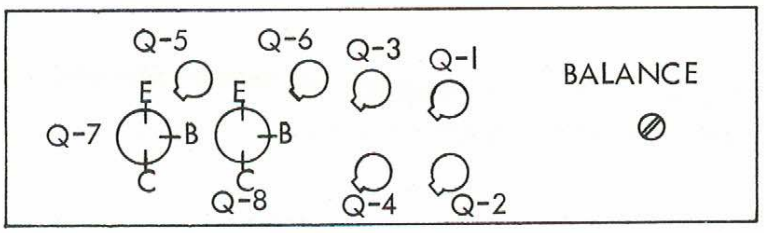
The following graphs are included to show TYPICAL performance of the average AM16. Some variation may be expected from one unit to another. See page 4 for guaranteed performance of all units.



% Total Harmonic Generation at +24 dbm into rated load. Amp. strapped "high".

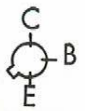


Frequency Response at +14 dbm into rated load. Source: Rated.



Adjust BALANCE control for minimum distortion at 30 cps. If distortion-measuring equipment is not available, adjust for zero voltage between the emitters of Q-5 and Q-6.

Q-1 THROUGH Q-6:



Top View

Q-1-2 (Langevin 1101) may be replaced with 2N929.

Q-3,4,5,6, (Langevin 1201 or 1401) may be replaced with 2N2897 or 2N3053).

Q-7,8 (Langevin 1401) may be replaced with 2N3053. NOTE: Some early models of the AM 16 used TI-487 instead of Langevin 1401. Replace with TI487 from Texas Instruments).

VOLTAGES CHART: For no-signal. Amplifier strapped "high-power". Information is for use of 20,000 ohm-per-volt meter set for lowest practical scale. DC voltages only. All measurements are to minus polarity of 24 volt DC supply.

Q-1,2			Q-3,4			Q-5,6			Q-7,8		
E	B	C	E	B	C	E	B	C	E	B	C
.75	1.4	6.7	9.0	6.7	21.5	8.5	9.0	21.5	8.0	8.5	21.5

WARNING: Any attempt at unauthorized modification or repair which results in damage will void the "no repair charge" guarantee. It is suggested that any AM16 be returned to the factory untouched if it becomes defective within the guarantee period.