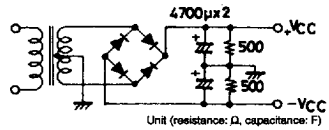


Operating Characteristics at $T_a = 25^\circ\text{C}$, $V_{CC} = \pm 35.5\text{V}$, $R_L = 8\Omega$ (non-inductive), $R_g = 600\Omega$, $V_G = 40\text{ dB}$ unless otherwise specified, at specified test circuit (based on sample application circuit)

Parameter	Symbol	Conditions	min	typ	max	Unit
Quiescent current	I_{CCO}	$V_{CC} = \pm 42.5\text{V}$	20	40	100	mA
Output power	$P_O(1)$	$f = 20\text{Hz to } 20\text{kHz}$, THD = 0.08%	50			W
	$P_O(2)$	$V_{CC} = \pm 32\text{V}$, $f = 1\text{kHz}$, THD = 0.2%, $R_L = 4\Omega$	55			W
Total harmonic distortion	THD	$f = 1\text{kHz}$, $P_O = 1\text{W}$			0.08	%
Frequency response	f_L, f_H	$P_O = 1\text{W}$, $+0$ -3 dB		20 to 50k		Hz
Input impedance	r_i	$f = 1\text{kHz}$, $P_O = 1\text{W}$		55		$k\Omega$
Output noise voltage	V_{NO}	$V_{CC} = \pm 42.5\text{V}$, $R_g = 10k\Omega$			1.2	mVrms
Neutral voltage	V_N	$V_{CC} = \pm 42.5\text{V}$	-70	0	+70	mV
Muting voltage	V_M		-2	-5	-10	V

- Note: For Power supply at the time of test, use a constant-voltage power supply unless otherwise specified.
- * For measurement of the available time for load short-circuit and output noise voltage, use the specified transformer power supply shown right.
 - ** The output noise voltage is represented by the peak value on rms scale (VTVM) of average value indicating type. For AC power supply, use an AC stabilized power supply (50Hz) to eliminate the effect of flicker noise in AC primary line.



Specified transformer power supply (Equivalent to MG-200)

Equivalent Circuit

