

RCA RADIOTRON CHARACTERISTICS CHART

DETECTORS AND AMPLIFIERS

TYPE	PURPOSE	BASE	SOCKET CONNECTIONS <small>SEE MANUAL PAGE 39</small>	DIMENSIONS MAX. OVERALL		CATHODE TYPE	RATING					PLATE SUPPLY VOLTS	NEGATIVE GRID BIAS VOLTS		SCREEN VOLTS	PLATE CURRENT MILLI-AMP.	SCREEN CURRENT MILLI-AMP.	A C PLATE RESISTANCE OHMS	MUTUAL CONDUCTANCE MICRO-MHOS	VOLTAGE AMPLIFICATION FACTOR	OHMS LOAD FOR STATED POWER OUTPUT	POWER OUTPUT MILLI-WATTS
				LENGTH	DIAM.		FILAMENT (OR HEATER)			PLATE MAX. VOLTS	SCREEN MAX. VOLTS		D C ON FIL.	A C ON FIL.								
							VOLTS	AMPERES	SUPPLY													
UX -200-A	DETECTOR	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 1/8"	FILAMENT	5.0	0.25	D C	45	—	45	Grid Return to (-) Filament		—	1.5	—	30000	666	20	—	—
UX -201-A	DETECTOR * AMPLIFIER	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 1/8"	FILAMENT	5.0	0.25	D C	135	—	90 135	4.5 9.0	—	—	2.5 3.0	—	11000 10000	725 800	8.0 8.0	—	—
WD - 11 WX - 12	DETECTOR * AMPLIFIER	WD 4-PIN MEDIUM 4-PIN	FIG. 12 FIG. 1	4 1/8" 4 1/8"	1 1/8" 1 1/8"	FILAMENT	1.1	0.25	D C	135	—	90 135	4.5 10.5	—	—	2.5 3.0	—	15500 15000	425 440	6.6 6.6	—	—
UX -112-A	DETECTOR * AMPLIFIER	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 1/8"	FILAMENT	5.0	0.25	D C	180	—	90 135	4.5 9.0	—	—	5.2 6.2	—	5600 5300	1500 1600	8.5 8.5	—	—
UX -222	RADIO FREQ. AMPLIFIER	MEDIUM 4-PIN	FIG. 4	5 3/8"	1 1/8"	FILAMENT	3.3	0.132	D C	135	67.5	135 135	1.5 1.5	—	45 67.5	1.5 3.3	*	850000 600000	350 480	300 290	—	—
UY -224-A	RADIO FREQ. AMPLIFIER	MEDIUM 5-PIN	FIG. 9	5 3/8"	1 1/8"	HEATER	2.5	1.75	A C or D C	275	90	180 250	3.0 3.0	3.0 3.0	90 90	4.0 4.0	*	400000 600000	1000 1025	400 615	—	—
UY -224-A	BIASED DETECTOR	MEDIUM 5-PIN	FIG. 9	5 3/8"	1 1/8"	HEATER	2.5	1.75	A C or D C	275	90	275	5 approx.	5 approx.	20 to 45	Plate current to be adjusted to 0.1 milliampere with no signal.						
UX -226	AMPLIFIER	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 1/8"	FILAMENT	1.5	1.05	A C or D C	180	—	90 135 180	6.0 9.0 13.5	7.0 10.0 14.5	—	2.9 5.5 6.2	—	8900 7600 7300	935 1100 1150	8.3 8.3 8.3	—	—
UY -227	AMPLIFIER	MEDIUM 5-PIN	FIG. 8	4 1/8"	1 1/8"	HEATER	2.5	1.75	A C or D C	275	—	90 135 180 250	6.0 9.0 13.5 21.0	6.0 9.0 13.5 21.0	—	2.7 4.5 5.0 5.2	—	11000 9600 9000 9250	820 1000 1000 975	9.0 9.0 9.0 9.0	—	—
UY -227	BIASED * DETECTOR	MEDIUM 5-PIN	FIG. 8	4 1/8"	1 1/8"	HEATER	2.5	1.75	A C or D C	275	—	250	30.0 approx.	30.0 approx.	—	Plate current to be adjusted to 0.2 milliampere with no signal.						
RCA-230	DETECTOR * AMPLIFIER	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 3/8"	FILAMENT	2.0	0.06	D C	180	—	90 135 180	4.5 9.0 13.5	—	—	2.5 3.0 3.1	—	11000 10300 10300	850 900 900	9.3 9.3 9.3	—	—
RCA-232	RADIO FREQ. AMPLIFIER	MEDIUM 4-PIN	FIG. 4	5 3/8"	1 1/8"	FILAMENT	2.0	0.06	D C	180	67.5	135 180	3.0 3.0	—	67.5 67.5	1.7 1.7	{ 0.4 max. }	950000 1200000	640 650	610 780	—	—
RCA-232	BIASED DETECTOR	MEDIUM 4-PIN	FIG. 4	5 3/8"	1 1/8"	FILAMENT	2.0	0.06	D C	180	67.5	174	6 approx.	—	67.5	Plate current to be adjusted to 0.2 milliampere with no signal.						
RCA-234	SUPER-CONTROL R-F AMPLIFIER	MEDIUM 4-PIN	FIG. 4	5 3/8"	1 1/8"	FILAMENT	2.0	0.06	D C	180	67.5	67.5 135 180	3.0 min.	—	67.5 67.5 67.5	2.7 2.8 2.8	1.1 1.0 1.0	400000 600000 1000000	560 600 620	224 360 620	—	—
RCA-235	SUPER-CONTROL R-F AMPLIFIER	MEDIUM 5-PIN	FIG. 9	5 3/8"	1 1/8"	HEATER	2.5	1.75	A C or D C	275	90	180 250	1.5 3.0	1.5 3.0	75 90	5.8 6.5	2.5 2.5	350000 350000	1100 1050	385 370	—	—
RCA-236	RADIO FREQ. AMPLIFIER	SMALL 5-PIN	FIG. 9	4 1/2"	1 9/16"	HEATER	6.3	0.3	D C	180	90	135 180	1.5 3.0	—	67.5 90	3.0 3.1	{ 1.7 max. }	300000 350000	1050 1050	315 370	—	—
RCA-236	BIASED DETECTOR	SMALL 5-PIN	FIG. 9	4 1/2"	1 9/16"	HEATER	6.3	0.3	D C	180	67.5	135	6.0 approx.	—	67.5	Plate current to be adjusted to 0.1 milliampere with no signal.						
RCA-237	AMPLIFIER	SMALL 5-PIN	FIG. 8	4 1/8"	1 9/16"	HEATER	6.3	0.3	D C	180	—	90 135 180	6.0 9.0 13.5	—	—	2.6 4.3 4.7	—	11500 10000 10000	780 900 900	9.0 9.0 9.0	—	—
RCA-237	BIASED * DETECTOR	SMALL 5-PIN	FIG. 8	4 1/8"	1 9/16"	HEATER	6.3	0.3	D C	180	—	90 135	10.0 15.5	—	—	Plate current to be adjusted to 0.2 milliampere with no signal.						
RCA-239	SUPER-CONTROL R-F AMPLIFIER	SMALL 5-PIN	FIG. 9	4 1/2"	1 9/16"	HEATER	6.3	0.3	D C	180	90	90 135 180	3.0 3.0 3.0	—	90 90 90	4.4 4.4 4.5	1.3 1.2 1.2	375000 540000 750000	960 980 1000	360 530 750	—	—
UX -240	VOLTAGE AMPLIFIER	MEDIUM 4-PIN	FIG. 1	4 1/8"	1 1/8"	FILAMENT	5.0	0.25	D C	180	—	135 180	1.5 3.0	—	—	0.2 0.2	—	150000 150000	200 200	30 30	—	—
RCA- 56	AMPLIFIER	SMALL 5-PIN	FIG. 8	4 1/8"	1 9/16"	HEATER	2.5	1.0	A C or D C	250	—	250	13.5	13.5	—	5.0	—	9500	1450	13.8	—	—
RCA- 56	BIASED * DETECTOR	SMALL 5-PIN	FIG. 8	4 1/8"	1 9/16"	HEATER	2.5	1.0	A C or D C	250	—	250	20 approx.	20 approx.	—	Plate current to be adjusted to 0.2 milliampere with no signal.						
RCA- 57	RADIO FREQ. AMPLIFIER	SMALL 6-PIN	FIG. 11	4 3/8"	1 9/16"	HEATER	2.5	1.0	A C or D C	250	100	250	3.0	3.0	100	2.0	1.0 max.	exceeds 1.5 meg.	1225	exceeds 1500	—	—