



IF = 455 KC AM
IF = 10.7 MC FM

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	6AU6	- .7VDC	0V	0V	6.3VAC	†210VDC = 0V	†100VDC	0V	
V 2	6BA6	†-.6VDC = -1.4VDC	0V	0V	6.3VAC	†215VDC = 230VDC	†40VDC = 45VDC	0V	
V 3	6J6	†135VDC = 150VDC	†135VDC = 150VDC	6.3VAC	0V	†.1VDC = 0V	†8-.5VDC = 8.5VDC	2.4VDC	
V 4	6BA6	- .6VDC	0V	0V	6.3VAC	†225VDC = 235VDC	†80VDC = 90VDC	0V	
V 5	6SH7	0V	0V	2VDC	0V	2VDC	†130VDC = 140VDC	6.3VAC	†215VDC = 230VDC
V 6	6SH7	0V	0V	0V	†-.5VDC = -.7VDC	0V	†40VDC	6.3VAC	†40VDC = 0V
V 7	6H6	0V	0V	†-1.3VDC	†-.4VDC	†-.6VDC	0V	6.3VAC	†1.3VDC
V 8	6SJ7	0V	0V	15VDC	1.2VDC	15VDC	†29VDC = 33VDC	6.3VAC	†43VDC = 48VDC
V 9	6K6GT	0V	0V	310VDC	†205VDC = 215VDC	0V	0V	6.3VAC	†15VDC = 17VDC
V 10	6K6GT	0V	0V	310VDC	†225VDC = 235VDC	0V	315VDC	6.3VAC	†15VDC = 17VDC
V 11	5Y3GT	†275VDC = 285VDC	315VDC	0V	320VAC	0V	320VAC	0V	315VDC

† TONE SWITCH IN VOICE POSITION (POSITION 2)
‡ TAKEN IN FM POSITION
* TAKEN IN AM POSITION
§ TAKEN WITH VACUUM TUBE VOLTMETER

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	6AU6	1 Meg.	0Ω	0Ω	.2Ω	†2.2KΩ = Inf.	†150KΩ = Inf.	0Ω	
V 2	6BA6	†220KΩ = 2.5 Meg.	0Ω	0Ω	.2Ω	†1.7KΩ	†220KΩ	0Ω	
V 3	6J6	†6.4KΩ	†6.4KΩ	.2Ω	0Ω	Inf.	22KΩ	150Ω	
V 4	6BA6	3.6 Meg.	0Ω	0Ω	.2Ω	†1.3KΩ	†48KΩ	0Ω	
V 5	6SH7	0Ω	0Ω	270Ω	9.2Ω	270Ω	†48KΩ	1Ω	†2.3KΩ
V 6	6SH7	0Ω	0Ω	0Ω	100KΩ	0Ω	†190KΩ = Inf.	.2Ω	†40KΩ = Inf.
V 7	6H6	0Ω	0Ω	100KΩ	Inf.	Inf.	Inf.	.2Ω	100KΩ
V 8	6SJ7	0Ω	0Ω	6KΩ	6KΩ	6KΩ	†2.2 Meg.	1Ω	†470KΩ
V 9	6K6GT	Inf.	0Ω	†350Ω	†8KΩ	470KΩ	Inf.	.1Ω	300Ω
V 10	6K6GT	0Ω	0Ω	†350Ω	†1.3KΩ	470KΩ	†12KΩ	.1Ω	300Ω
V 11	5Y3GT	†800Ω	25KΩ	Inf.	100Ω	Inf.	100Ω	Inf.	25KΩ

† TONE SWITCH IN VOICE POSITION (POSITION 2)
‡ TAKEN IN FM POSITION
* TAKEN IN AM POSITION
† MEASURED FROM PIN 2 OF V11

THE COOPERATION OF THE MANUFACTURER OF THIS RECEIVER MAKES IT POSSIBLE TO BRING YOU THIS SERVICE

- DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common negative.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ± 10% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.