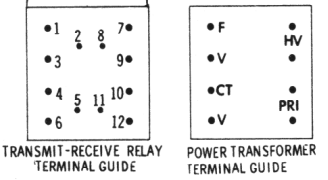


CHANNEL SELECTOR SWITCH (M9) SHOWN IN CHANNEL 1 POSITION. SWITCH SEQUENCE:

- CHANNEL 1
- CHANNEL 2
- CHANNEL 3
- CHANNEL 4
- CHANNEL 5



NOTE  
FILAMENTS SHOWN FOR 12VDC. FOR 6V OPERATION, REPLACE T1 AND M1. (SEE PARTS LIST). CONNECT JUMPER FROM A TO B AND GROUND C. (TERMINALS LOCATED ON CHASSIS BOTTOM, REAR).

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6BJ6	1.8meg	150Ω	.1Ω	0Ω	†1000Ω	†100K	0Ω		
V2	6BE6	22K	1000Ω	.1Ω	0Ω	†47K	†220K	.2Ω		
V3	6BH8	0Ω	100K	†27K	.1Ω	.1Ω	0Ω	22K	†22K	†25Ω
V4	6BJ6	1.8meg	470Ω	0Ω	.1Ω	†4700Ω	†155K	0Ω		
V5	6BJ6	1.8meg	470Ω	0Ω	.1Ω	†4700Ω	†155K	0Ω		
V6	6AL5	3meg	700K	0Ω	.1Ω	0Ω	0Ω	470K		
V7	6AN8	65K	2.7meg	2000Ω	.1Ω	.1Ω	†220K	†1meg	535K	18K
V8	6AQ5A	470K	470Ω	.1Ω	.1Ω	†310Ω	†25Ω	NC		
V9	6AQ5A	16K	1NF	.1Ω	0Ω	†370Ω	†68K	16K		

- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common ground.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.

NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

A PHOTOFAC STANDARD NOTATION SCHEMATIC with CIRCUITRACE

Howard W. Sams & Co., Inc. 1961

ALL MEASUREMENTS MADE IN "RECEIVE" POSITION WITH RECEIVER JUST SQUELCHED AND DUMMY LOAD CONNECTED UNLESS OTHERWISE DESIGNATED.  
 † MEASURED IN "TRANSMIT" POSITION.  
 ‡ MEASURED FROM OUTPUT OF M2 AND M4.  
 ■ MEASURED FROM CATHODE  
 NC NO CONNECTION

CITI-FONE MODELS  
CD-5/6, CD-5/12