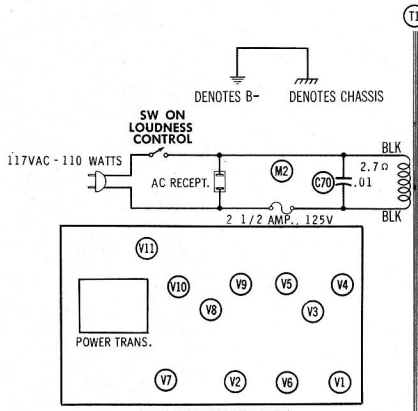


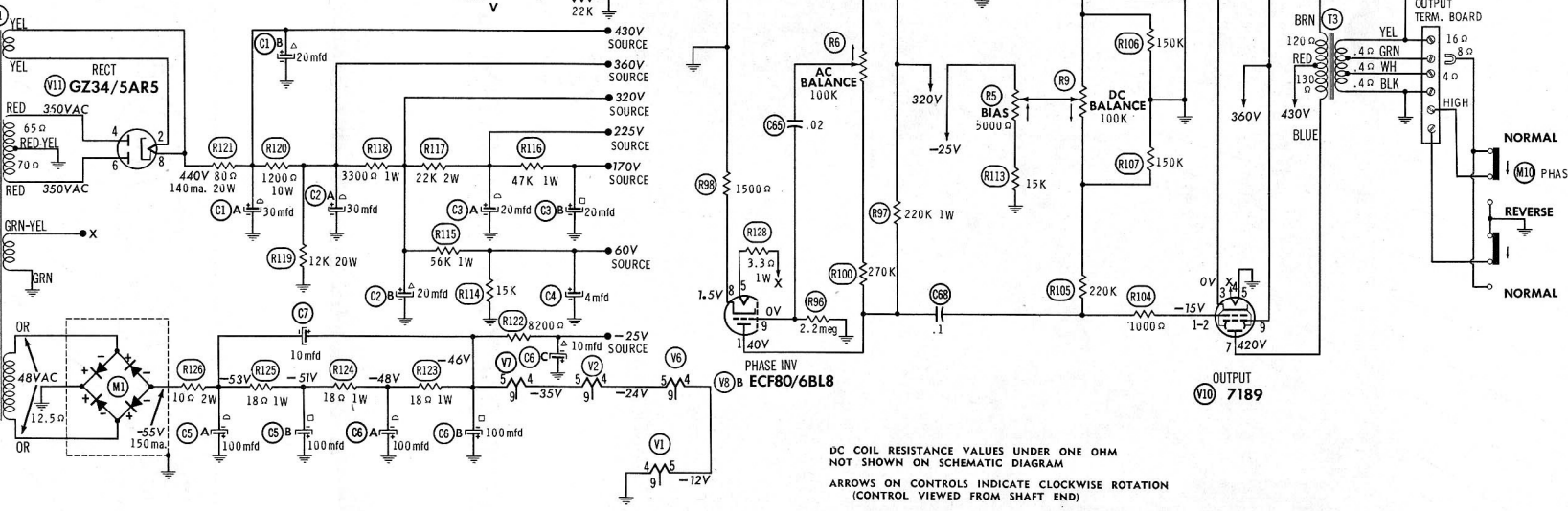
RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC83 12AX7	+340K	2.2meg	2700Ω	0Ω	20Ω	+340K	57K	2700Ω	NC
V2	ECC83 12AX7	+125K	1.6meg	1500Ω	60Ω	40Ω	+125K	2.2meg	1500Ω	NC
V3	ECF80 6BL8	+200K	170K	+20K	FIL	FIL	+200K	680Ω	1500Ω	2.2meg
V4	7189	NC	260K	0Ω	FIL	FIL	NC	+200Ω	NC	+1300Ω
V5	7189	NC	260K	0Ω	FIL	FIL	NC	+210Ω	NC	+1300Ω
V6	ECC83 12AX7	+340K	2.2meg	2700Ω	40Ω	20Ω	+340K	57K	2700Ω	NC
V7	ECC83 12AX7	+125K	1.6meg	1500Ω	80Ω	60Ω	+125K	2.2meg	1500Ω	NC
V8	ECF80 6BL8	+200K	170K	+20K	FIL	FIL	+200K	680Ω	1500Ω	2.2meg
V9	7189	NC	260K	0Ω	FIL	FIL	NC	+200Ω	NC	+1300Ω
V10	7189	NC	260K	0Ω	FIL	FIL	NC	+210Ω	NC	+1300Ω
V11	GZ34 5AR4	NC	+13K	NC	65Ω	NC	70Ω	NC	+13K	

† THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.  
‡ MEASURED FROM PIN 8 OF V11.      NC NO CONNECTION



- 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 of component values makes possible a variation of ±15% in voltage and resistance readings.
- All controls at minimum, proper output load connected.



DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM  
ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

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.