

INPUT SELECTOR SWITCH (M12) SHOWN IN "EUR78" POSITION. SWITCH SEQUENCE:
 1. EUR78
 2. RIAA NARTB ORTHO
 3. NARTB TAPE
 4. TUNER
 5. TAPE

STEREO SELECTOR SWITCH (M13) SHOWN IN "BAL A" POSITION. SWITCH SEQUENCE:
 1. BAL A
 2. BAL B
 3. MONAURAL RECORDS
 4. STEREO
 5. REVERSE STEREO
 6. CHANNEL A
 7. CHANNEL B

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.

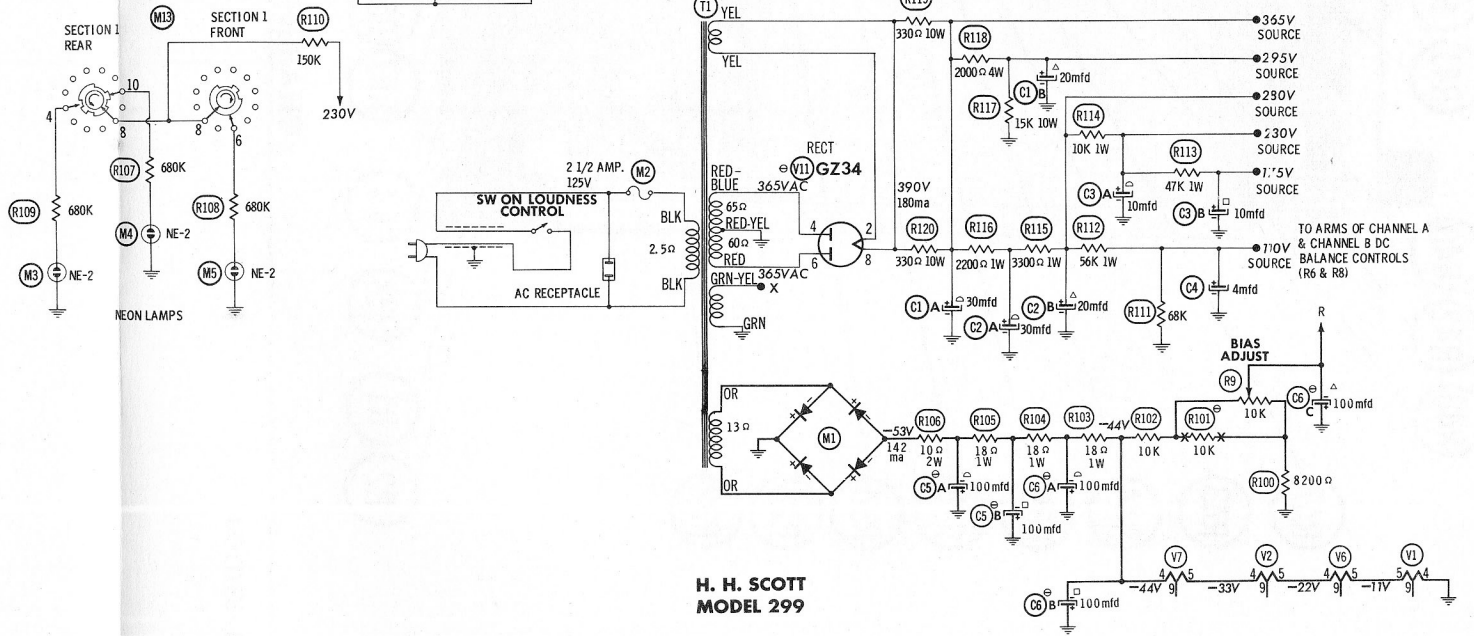
RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	12AX7	†330K	2.2meg	2500Ω	0Ω	12Ω	†330K	47K	2500Ω	6Ω
V2	12AX7A	†115K	1.5meg	1500Ω	36Ω	24Ω	†115K	2.2meg	1500Ω	30Ω
V3	ECF80	†105K	175K	†40K	0Ω	1.6Ω	†105K	680Ω	1500Ω	2.2meg
V4	7189	180K	180K	0Ω	0Ω	.1Ω	NC	†500Ω	NC	†2300Ω
V5	7189	180K	180K	0Ω	0Ω	.1Ω	NC	†480Ω	NC	†2300Ω
V6	12AX7	†330K	2.2meg	2500Ω	24Ω	12Ω	†330K	47K	2500Ω	18Ω
V7	12AX7A	†115K	1.5meg	1500Ω	48Ω	36Ω	†115K	2.2meg	1500Ω	40Ω
V8	ECF80	†105K	175K	†40K	0Ω	1.6Ω	†105K	680Ω	1500Ω	2.2meg
V9	7189	180K	180K	0Ω	0Ω	.1Ω	NC	†500Ω	NC	†2300Ω
V10	7189	180K	180K	0Ω	0Ω	.1Ω	NC	†480Ω	NC	†2300Ω
V11	GZ34 5A4R4	NC	†	NC	65Ω	NC	60Ω	NC	†	

† 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 at 1000 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 of component values makes possible a variation of ±15% in voltage and resistance readings.
- All controls at minimum, proper output load connected.

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)



H. H. SCOTT
 MODEL 299