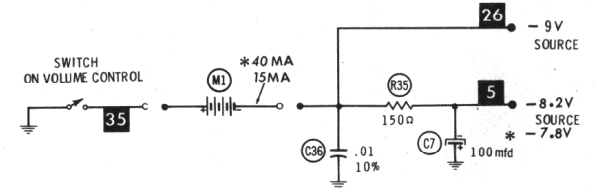
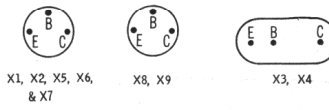


1. Voltage measurements taken with vacuum tube voltmeter.
2. All controls set for normal operation, no signal applied.
3. Measured values are from socket pin or terminal to common ground.
4. All terminals viewed from bottom unless otherwise designated.
5. Numbers assigned to terminals may not be found on the unit.
6. Supply voltage maintained at rated value for voltage readings.

RESISTANCE READINGS

ITEM	TYPE	BASE	EMITTER	COLLECTOR
X1	2N1726	10K	1000Ω	†1150Ω
X2	2N1726	2200Ω	2200Ω	†1300Ω
X3	2N1108	7500Ω	220Ω	†3500Ω
X4	2N1108	2200Ω	470Ω	†2400Ω
X5	2N185	5600Ω	1000Ω	†740Ω
X6	2N185	100Ω	4.7Ω	†15Ω
X7	2N185	100Ω	4.7Ω	†15Ω
X8	R425	*3900Ω	*100Ω	*†.3Ω
X9	R424	*1150Ω	*68Ω	*†38Ω

RECEIVE-TRANSMIT SWITCH SHOWN IN RECEIVE POSITION



HEATH MODELS GW-21, GWW-21

A PHOTOFAC STANDARD NOTATION SCHEMATIC
with CIRCUITRACE

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ALL MEASUREMENTS TAKEN IN RECEIVE POSITION UNLESS OTHERWISE DESIGNATED.
* TAKEN IN TRANSMIT POSITION.
† MEASURED FROM - TERMINAL ON BATTERY.