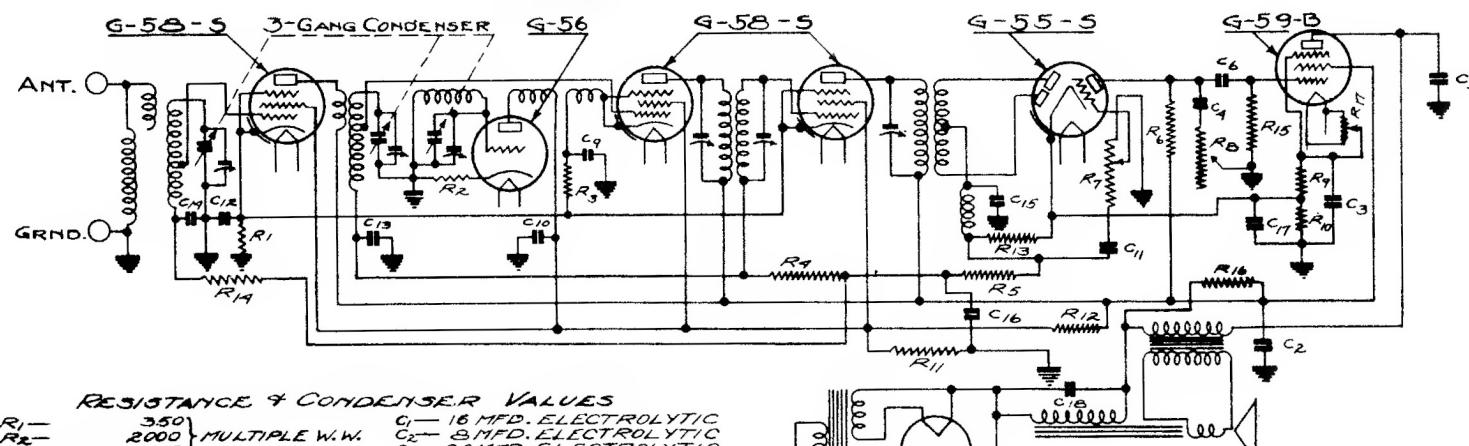
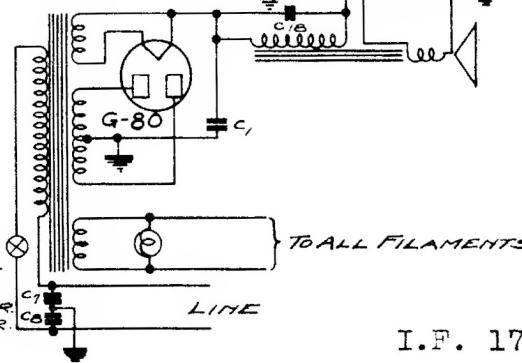


DIAGRAM OF MAJESTIC AUTOMATIC VOLUME CONTROL SUPERHETERODYNE
MODEL 330



RESISTANCE & CONDENSER VALUES

R_1	350	C_1	.16 MFD. ELECTROLYTIC
R_2	2000	C_2	.8 MFD. ELECTROLYTIC
R_3	500	C_3	.20 MFD. ELECTROLYTIC
R_4	300,000	C_4	.05 MFD.
R_5	300,000	C_5	.005 MFD.
R_6	100,000	C_6	.05 MFD. CAN #B731
R_7	200,000 VOL CONTROL	C_7	.01 MFD.
R_8	250,000 TONE CONTROL	C_8	.01 MFD.
R_9	400	C_9	.1 MFD.
R_{10}	1,000	C_{10}	.25 MFD.
R_{11}	18,000	C_{11}	.05 MFD.
R_{12}	10,000	C_{12}	.25 MFD.
R_{13}	100,000	C_{13}	.01 MFD.
R_{14}	300,000	C_{14}	.01 MFD.
R_{15}	300,000	C_{15}	.0015 MFD.
R_{16}	600	C_{16}	.05 MFD. CAN #B731
R_{17}	20 HUM CONTROL	C_{17}	.25 MFD.
NOTE { C_{18} -.07 MFD. USED ON G-22A SPEAKER. C_{18} -.11 MFD. USED ON G-23A SPEAKER.			



I.F. 175 KC.

Automatic volume control bias voltage is developed across resistors R-13 and R-10 and is applied to the grid of the radio frequency, first detector and intermediate frequency tubes to control their amplification.

The manual volume control is a 200,000 ohm potentiometer which is connected in the grid circuit of the G-55-S tube and works entirely independent of the automatic volume control.