

The schematic diagram illustrates a vacuum tube radio receiver circuit. The power supply section at the bottom features a 117 V AC input connected to a 90 VAC PHONO MOTOR. A fuse (R6, 220 5W FUSIBLE) and a selector switch (SEL., X1 65 MA 125V) are also shown. The main circuit is powered by a 25C5 vacuum tube. The grid (pin 6) is biased by a 5.4V source (R3 150) and a 500K VOL. CONT. (R1). The plate (pin 7) is connected to a 110V supply. The screen grid (pin 3) is connected to a 118V supply. The cathode (pin 4) is connected to a 118V supply. The circuit includes various capacitors (C1 .047/600V, C2A 20, C2B 40MFD, C2C 80MFD, C3 .1 400V) and resistors (R2 33K 2-5, R4 10K, R5 50K). A speaker (SPKR., 3.2Ω) is connected to the output transformer (T1, 270Ω).

