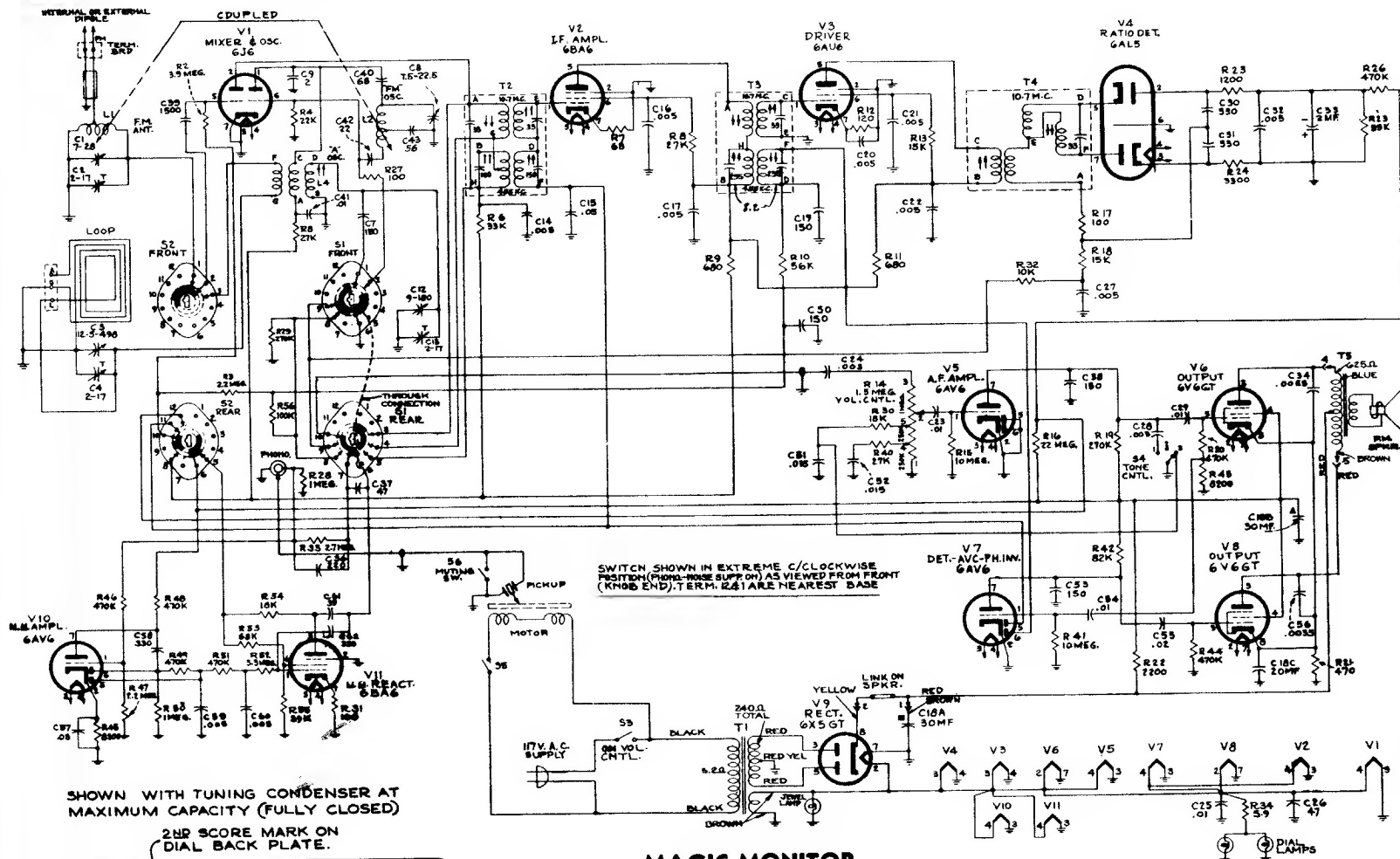


RCA Victor

Model 8V112

Chassis No. RC-616



MAGIC MONITOR

Circuit Description

The Magic Monitor circuit acts as a capacity shunt across the audio input to the volume control when the selector switch is turned to M. M. position. This shunt is variable, diminishing with increasing input level and increasing with increase of frequency. The phono signal input is applied to the grid of V10 (6AV6 M. M. amp.), is amplified and fed through a resistance-capacity network to the diode plates of V10 which rectifies it and produces a grid voltage on V11 in proportion to the level of the high frequencies contained in the audio signal.

Tuning Ranges

Standard Broadcast (AM)..... 540-1,600 kc.
 Frequency Modulation (FM)..... 88-108 mc.
 Intermediate Frequencies... AM—455 kc., FM—10.7 mc.

