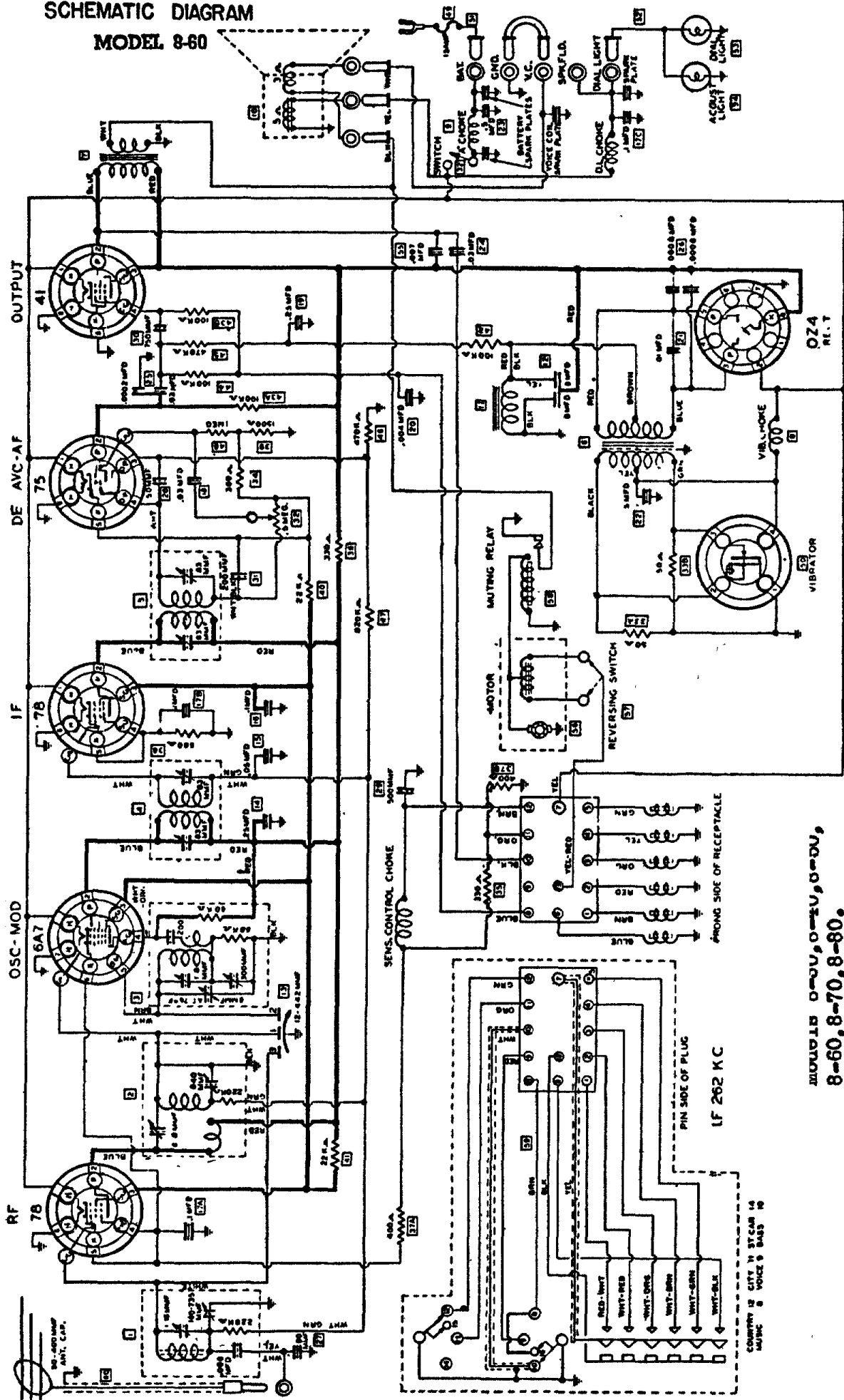


Motorola

SCHEMATIC DIAGRAM

MODEL 8-60



8-60, 8-70, 8-80.

These stage gain measurements will, if properly used, enable you to localize trouble quickly. They are intended for use with a signal generator that is accurately calibrated in microvolts.

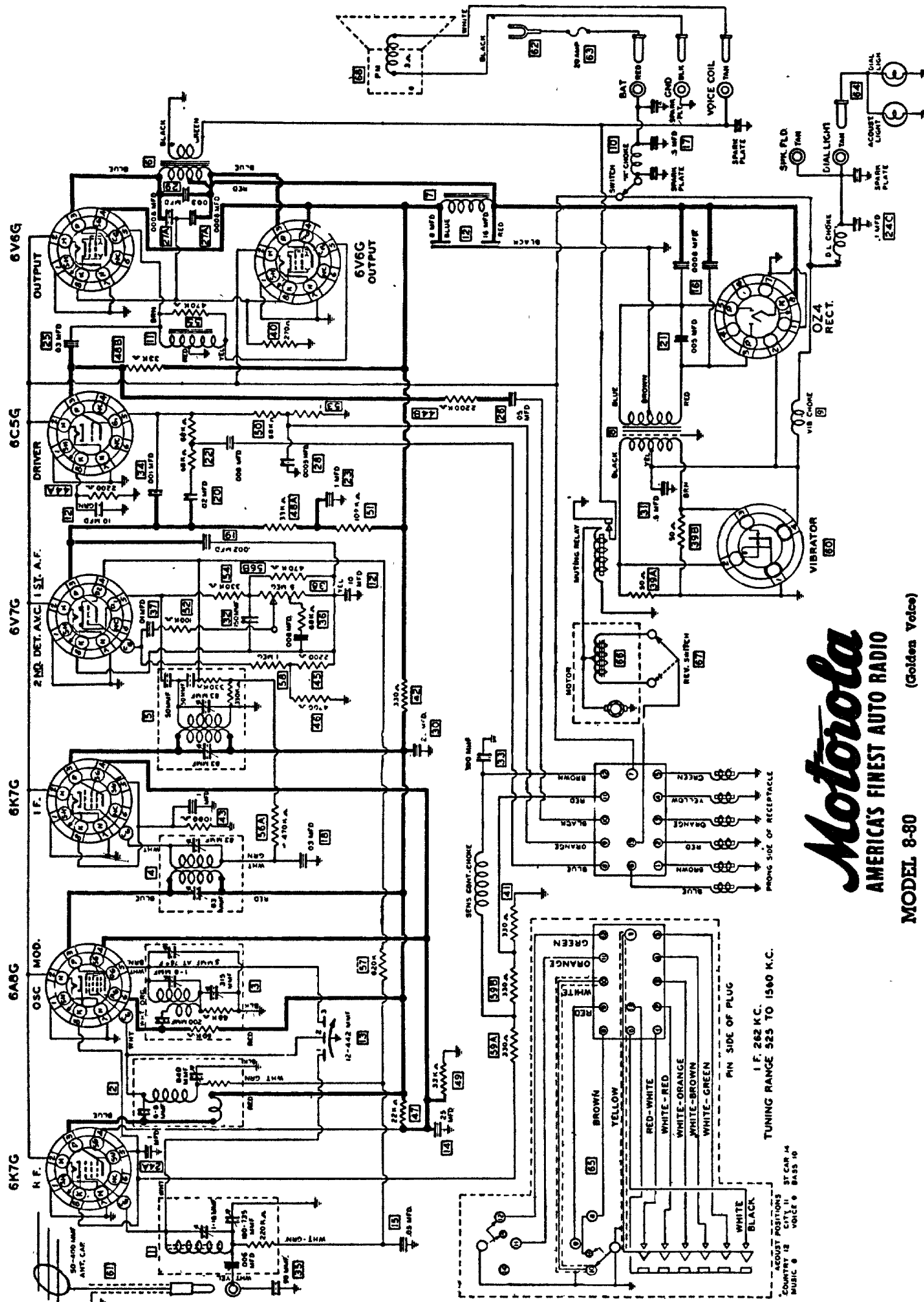
Starting with the second detector—first audio stage, and working back step by step to I.F., Osc-Mod., R.F. and finally to the antenna terminal, the circuit in which the trouble exists will quickly be determined by evidence of low gain, when signal generator attenuation readings are compared to the normal values as shown in the tables.

All stage-gain measurements must be made with the volume control set for full volume. The shielded lead from the signal generator is connected to the top grid terminal of the tube through a .1 MF condenser, with a 500M Ohm resistor connected as a leak resistance between the grid of the tube and the grid cup which has been removed (See Fig. 3 on Page 4).

When measuring over-all sensitivity at the antenna terminal, use a .00015 MF condenser in place of the .1 MF.

It must be remembered that the figures in the table are average and allowances must be made for variations between two sets of the same general type, due to difference of tube characteristics, etc.

NOTE:—Readings on 8-50, 8-60, 8-70, and 8-80 should be taken with Acoustica- for set at "Country" and "Voice" positions.



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 AMERICA'S FINEST AUTO RADIO

MODEL 8-80 (Golden Voice)

IF 262 K.C.
 TUNING RANGE 525 TO 1500 K.C.

ACQUST POSITIONS
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 MUSIC 8
 VOICE 9
 ST CAR 14
 CITY 11
 BASS 10