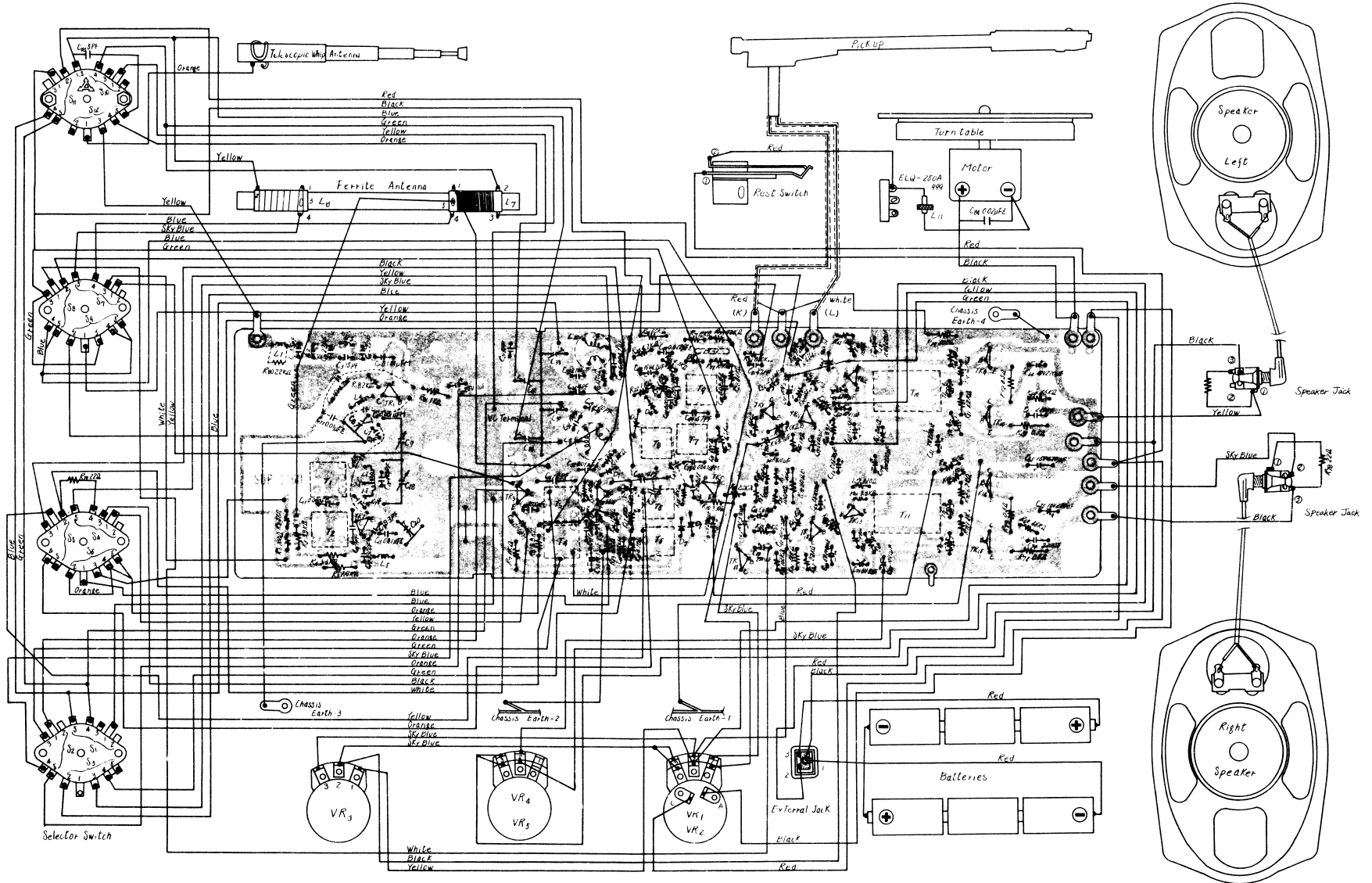


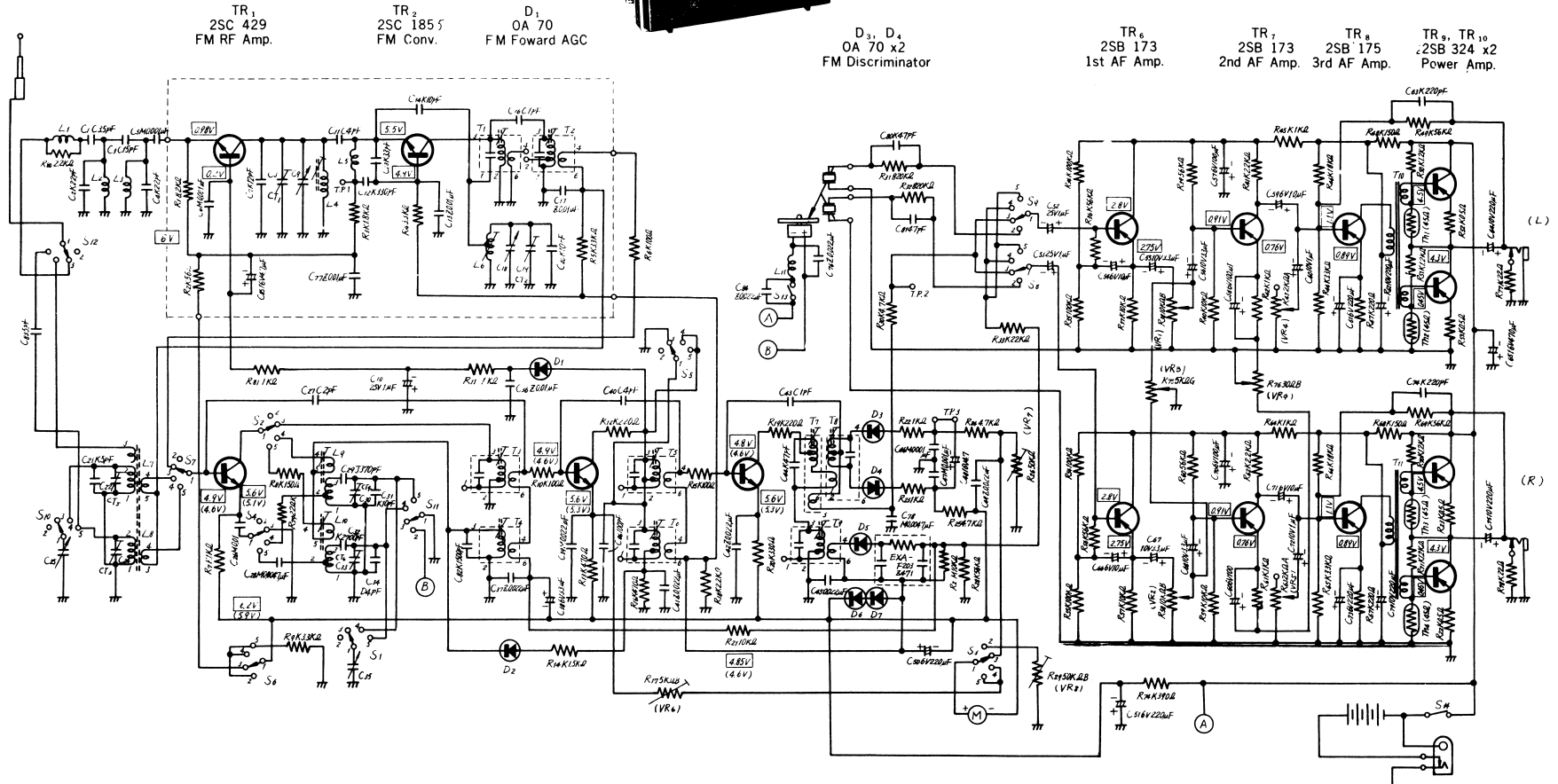
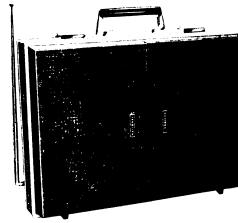
MODEL SG-766F



SCHEMATIC DIAGRAM MODEL SG-766F

National SG-766F

N178



TR₁
2SC 429
FM RF Amp.

TR₂
2SC 185 F
FM Conv.

D₁
OA 70
FM Forward AGC

D₃, D₄
OA 70 x2
FM Discriminator

TR₆
2SB 173
1st AF Amp.

TR₇
2SB 173
2nd AF Amp.

TR₈
2SB 175
3rd AF Amp.

TR₉, TR₁₀
.2SB 324 x2
Power Amp.

TR₃
2SC 184
FM IF & AM Conv.

D₂
OA 70
AM DAGC

TR₄
2SC 469
FM & AM IF Amp.

TR₅
2SC 469
FM & AM IF Amp.

D₅
OA 70
AM Det

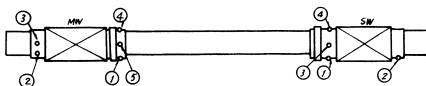
D₆, D₇
1S 1211 x2
AOC

TR₁₁
2SB 173
1st AF Amp.

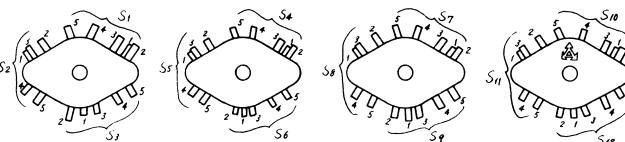
TR₁₂
2SB 173
2nd AF Amp.

TR₁₃
2SB 175
3rd AF Amp.

TR₁₄, TR₁₅
.2SB 324 x2
Power Amp.



Direction of arrow



- Note:**
- S₁-S₁₂: Band selector switch in "FM" position.
 - S₁₃: Motor ON-OFF switch in "OFF" position.
 - Power source switch in "OFF" position.
 - Voltage measurements are under no signal condition taken with a vacuum tube voltmeter and are negative with respect to ground
.....FM position ().....AM position

- Letters M,K,J,Z,C,D indicate allowable tolerance of resistors and capacitors as follows M = ±20% K = ±10% J = ±10% Z = ±5% C = ±0.25PF D = ±0.5PF
- PF = Pico farad = μμF μF = micro farad
- Battery current: Motor..... No load 30mA load 40mA

Radio..... { No signal (Vol Min)..... } FM 41mA
 { Max power.....445mA } AM 42mA