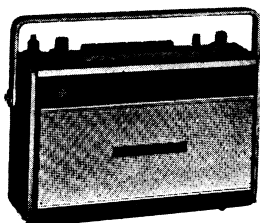


N174



MODEL RF-885Y 4-BAND 12-TRANSISTOR PORTABLE RADIO

SPECIFICATIONS

Frequency Range :

- FM 87~108Mc/s
- MW 525~1605kc/s (571~187m)
- SW₁ 2.3~7Mc/s (130~42.9m)
- SW₂ 7~22Mc/s (42.9~13.6m)

Intermediate Frequency :

- FM 10.7Mc/s
- AM (MW, SW₁ & SW₂) 455kc/s

Transistors :

- 2SA379 FM RF Amplifier
- 2SA377 FM Mixer
- 2SA377 FM Oscillator
- 2SA70 or 2SA341 FM 1st IF Amplifier
- 2SA70 or 2SA341 FM 2nd IF Amplifier & AM Converter
- 2SA70 or 2SA341 FM 3rd IF Amplifier & AM 1st IF Amplifier
- 2SA70 or 2SA341 FM 4th IF Amplifier & AM 2nd IF Amplifier
- 2SB173 1st AF Amplifier
- 2SB173 2nd AF Amplifier
- 2SB324 3rd AF Amplifier
- 2SB448 or AD139 Output (push-pull)
- 2SB448 or AD139

Diodes :

- SC-15 FM AFC
- OA70 FM AGC
- OA79 AM D. AGC

- OA79 } FM Ratio Detector
- OA79 } AM Detector & AGC
- OA70 } Temperature Compensator
- FR-1S }
- FR-1S }

Sensitivity :

- FM 0.5 μ V for 50mW Output
- 2.5 μ V for S/N = 30dB Quieting
- MW 50 μ V/m for Output
- SW₁ 50 μ V/m for Output } Portable
- SW₂ 50 μ V/m for Output }
- MW 10 μ V for 50mW Output
- SW₁ 10 μ V for 50mW Output } Car
- SW₂ 10 μ V for 50mW Output }

Power Output :

- 2.2 Watt Undistorted } Portable
- 3 Watt Maximum }
- 2.3 Watt Undistorted } Car
- 6 Watt Maximum }

Power Source :

- 7.5V (five "D" size flashlight batteries) or
- 6/12V (Car Battery)

Speaker :

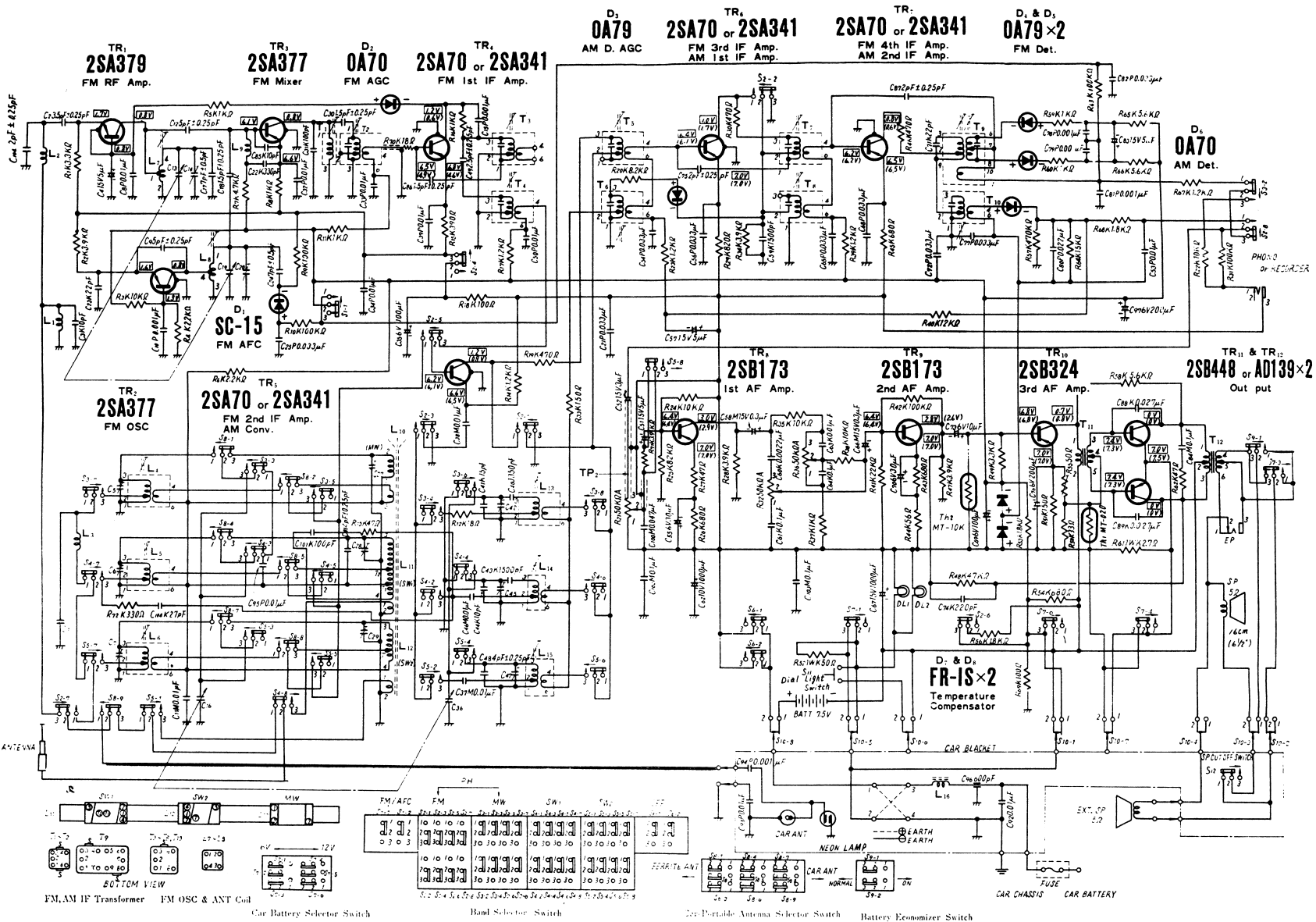
- 16cm(6 $\frac{1}{2}$ ") PM Dynamic Speaker

Cabinet Dimensions :

- 295(Wide) \times 213(High) \times 91(Deep)mm
- (11 $\frac{5}{8}$ " \times 8 $\frac{3}{8}$ " \times 3 $\frac{1}{2}$ ")

Weight :

- 4 kg. (8 lb. 13 oz.) with batteries



FM, AM IF Transformer FM OSC & ANT Coil

Car Battery Selector Switch

Band Selector Switch

Car-Portable Antenna Selector Switch

Battery Economizer Switch