



expert



SANYO

1640

FMT 611LU

SERVICE MANUAL STEREO TUNER



SPECIFICATIONS (Nominal)

FM SECTION

Usable Sensitivity	
Mono (DIN)	1.3 μ V/8.010 dBf
Stereo	4.8 μ V/18.82 dBf
50 dB Quieting Sensitivity	
Mono	2.8 μ V/14.14 dBf
Stereo	38 μ V/36.79 dBf
Signal-to-Noise Ratio at 1mV	
Mono	70 dB
Stereo	66 dB
Capture Ratio	1.2 dB
Alt. Channel Selectivity (\pm 400 kHz)	65 dB
Image Response Ratio	58 dB
Spurious Response Ratio	85 dB
IF Response Ratio	75 dB
AM Suppression Ratio	60 dB
Total Harmonic Distortion at 1mV	
Mono	0.15 %
Stereo	0.2 %
Stereo Separation (100 Hz/1 kHz/10 kHz)	35 dB/40 dB/35 dB
Sub-Carrier Product Rejection (19 kHz/38 kHz)	70 dB/70 dB
Audio Frequency Response	20 Hz – 15 kHz \pm 2 dB

MW LW SECTION

	MW	LW
Usable Sensitivity	300 μ V/m	300 μ V/m
Selectivity at \pm 10 kHz	40 dB	35 dB
Spurious Rejection	45 dB	
Image Response Ratio	50 dB	46 dB
IF Response Ratio	40 dB	
S/N at 100mV/Input	65 dB	56 dB
THD at 10 mV/m Antenna Input		
30 % mod.	0.3 %	
80 % mod.	0.9 %	

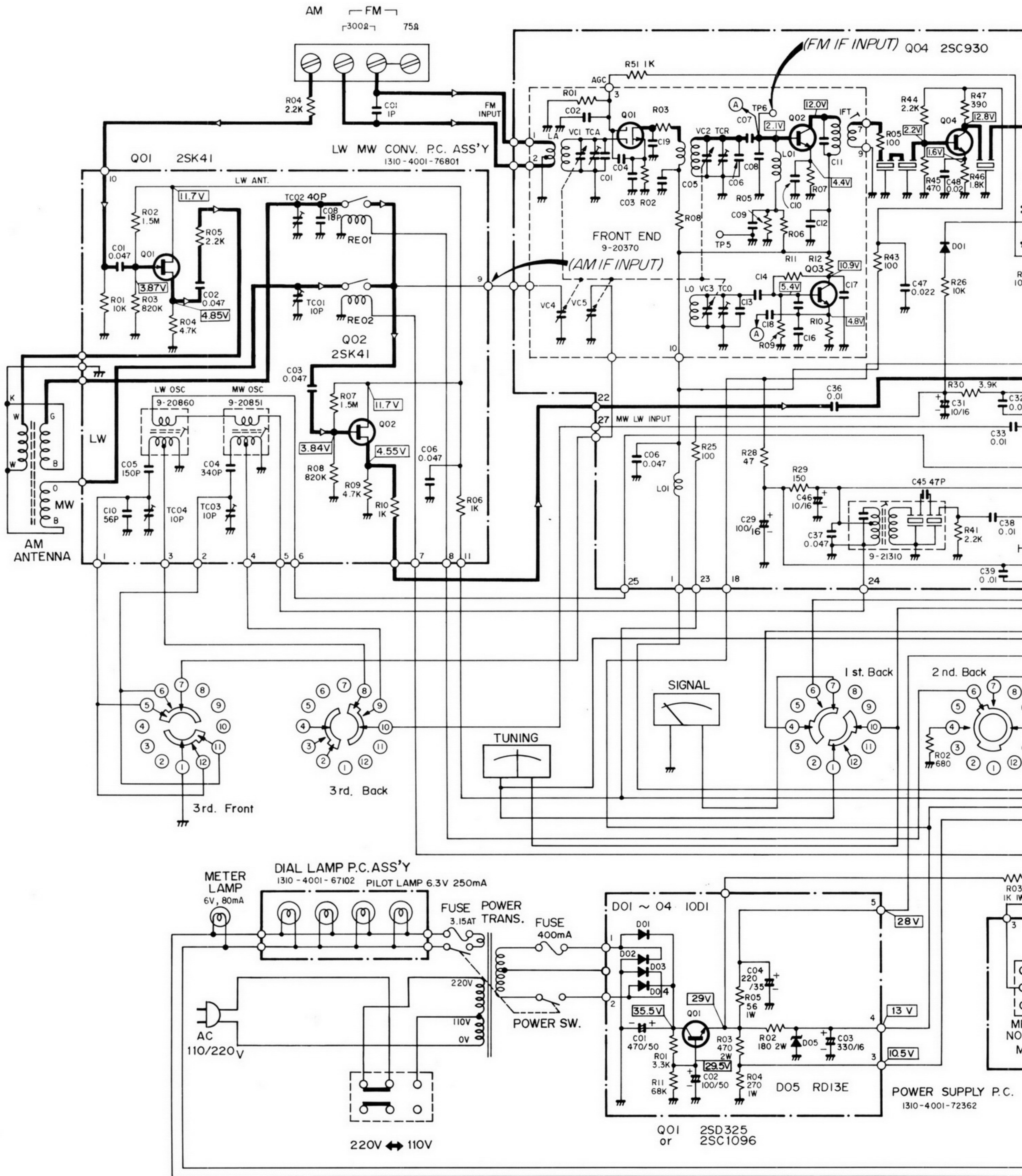
GENERAL SECTION

Power Requirements	AC: 110/220V 50/60 Hz
Dimensions (W x D x H)	420 x 360 x 150 mm
Weight	6.5 kg (approx.)

*Specifications are subject to change without notice.

WM-3485

SCHEMATIC DIAGRAM

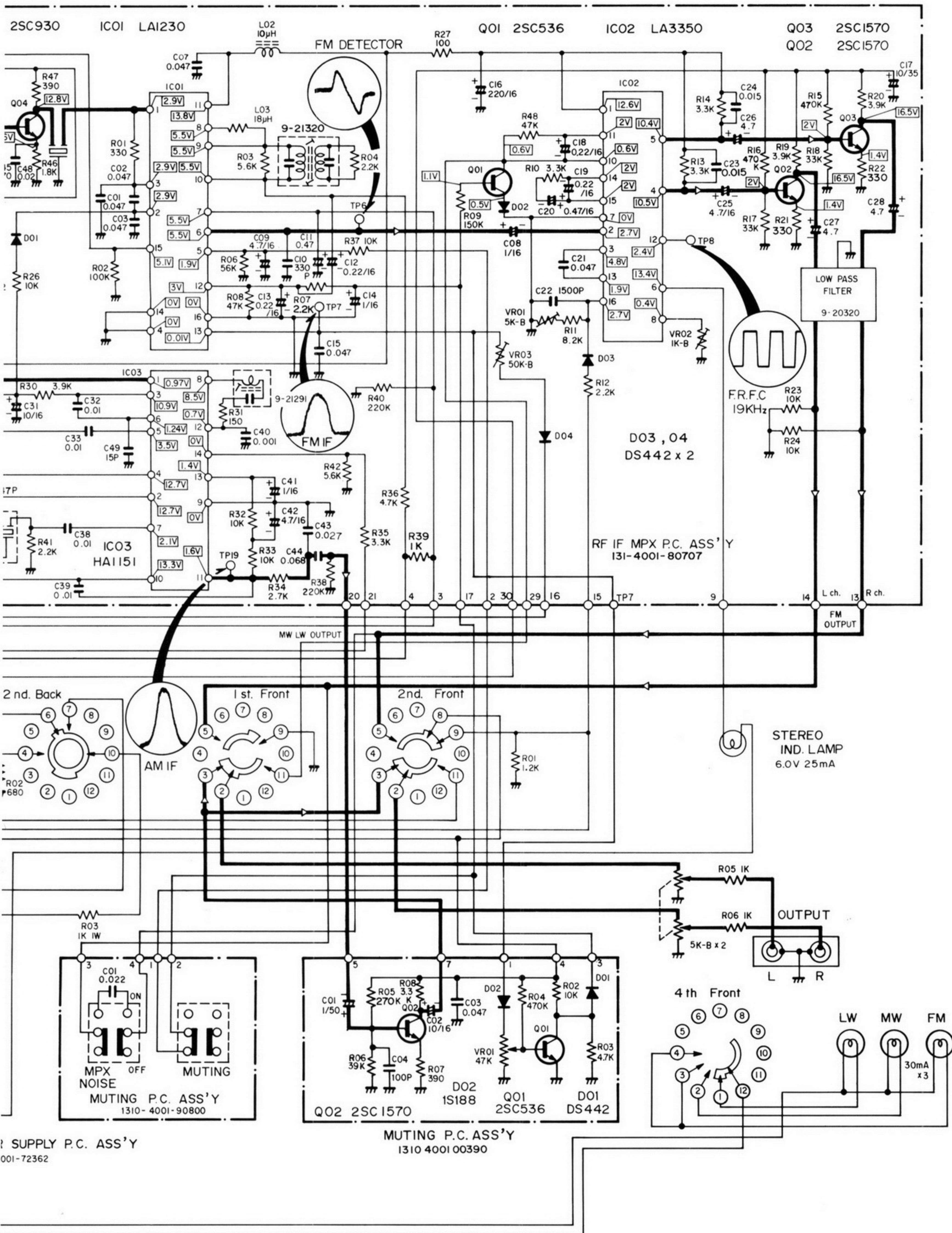


NOTES:

1. All resistors values are indicated in "ohm" (K = 10^3 , M = 10^6).
2. All capacitors values are indicated in " μ F" (P = 10^{-6}).
3. All voltages indicated on the schematics are measured under the following conditions.

- a. Use
- b. All
- c. No
- d. AC
4. This is
- be mod

DIAGRAM



- Use a V.T.V.M.
 - All voltages $\pm 10\%$ with respect chassis ground
 - No signals at input terminals
 - AC input 110/220 volts 60 Hz
4. This is a fundamental schematics diagram. Some products may be modified without notice.