

1. SPECIFICATIONS

Semiconductors

Transistors	30
Diodes	22

Amplifier Section

Continuous Power Output of 40 watts* per channel, min., at 8 ohms from 20 Hertz to 20,000 Hertz with no more than 0.02% total harmonic distortion.

Continuous Power Output at 1kHz (both channels driven)
T.H.D 0.02%, 8 ohms 44 watts per channel
Total Harmonic Distortion (20 Hertz to 20,000 Hertz,
8 ohms, from AUX)

Continuous rated power output . . . No more than 0.02%

20 watts per channel power output . No more than 0.01%

1 watt per channel power output . . No more than 0.03%

Intermodulation Distortion (50 Hertz : 7,000 Hertz = 4 : 1,
8 ohms, from AUX)

Continuous rated power output . . No more than 0.005%

20 watts per channel power output No more than 0.004%

1 watt per channel power output . . No more than 0.01%

Damping Factor (20 Hertz to 20,000 Hertz, 8 ohms) 30

Input (Sensitivity/Impedance)

PHONO 2.5mV/50 kilohms

TUNER, AUX, TAPE PLAY 150mV/50 kilohms

PHONO Overload Level (T.H.D 0.01%, 1,000Hz)

PHONO 230mV

Output (Level/Impedance)

TAPE REC 150mV/3 kilohms

Frequency Response

PHONO (RIAA Equalization)

..... 20Hz to 20,000Hz, ± 0.3 dB

TUNER, AUX, TAPE PLAY

..... 10Hz to 100,000Hz, $\pm \frac{0}{3}$ dB

Tone Control

BASS ± 10 dB (100Hz)

TREBLE ± 10 dB (10 kHz)

Loudness Contour (Volume control set at -40dB position)

..... +6dB (100Hz), +3dB (10,000Hz)

Hum and Noise (IHF, Short-circuited, A network)

PHONO 86dB

TUNER, AUX, TAPE PLAY 100dB

Hum and Noise (DIN, continuous power/50mW)

PHONO 72dB/58dB

TUNER, AUX, TAPE PLAY 84dB/60dB

Miscellaneous

Power Requirements AC 220/240V, 50/60Hz

Power Consumption 330W (max.)

Dimensions 380(W) x 83(H) x 295(D) mm

14-15/16(W) x 3-1/4(H) x 11-5/8(D) in

Weight Without Package; 7.6kg (16lb 12oz)

With Package ; 8.1kg (17lb 14oz)

Furnished Parts

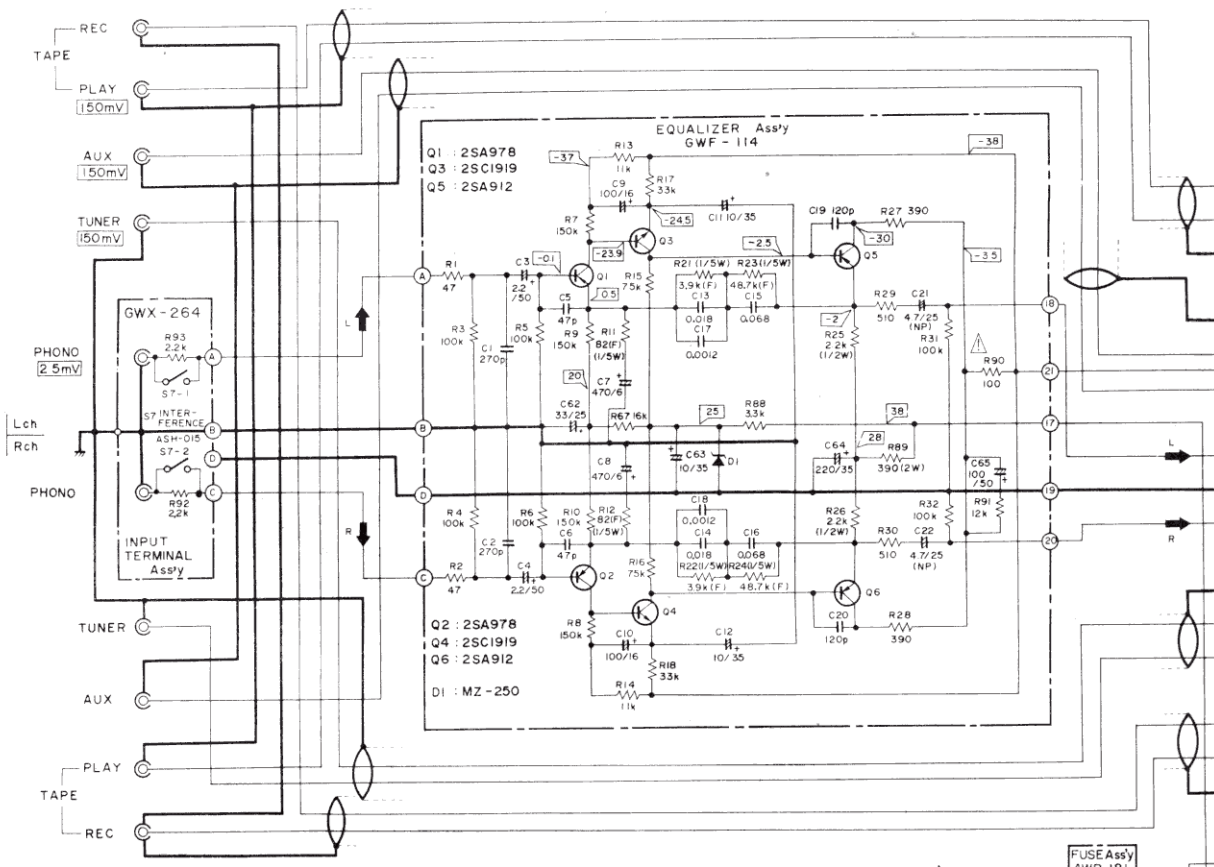
Operating Instructions 1

**Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier.*

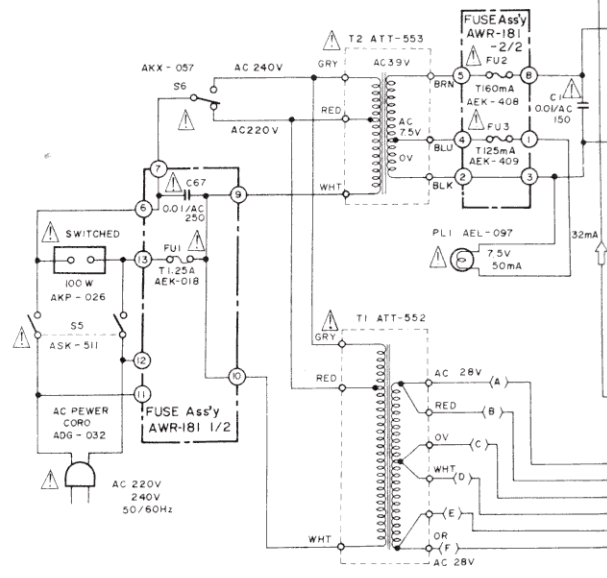
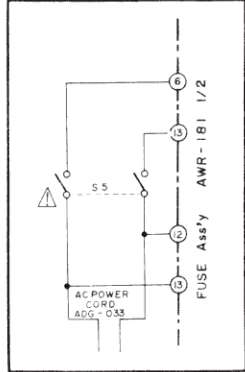
NOTE:

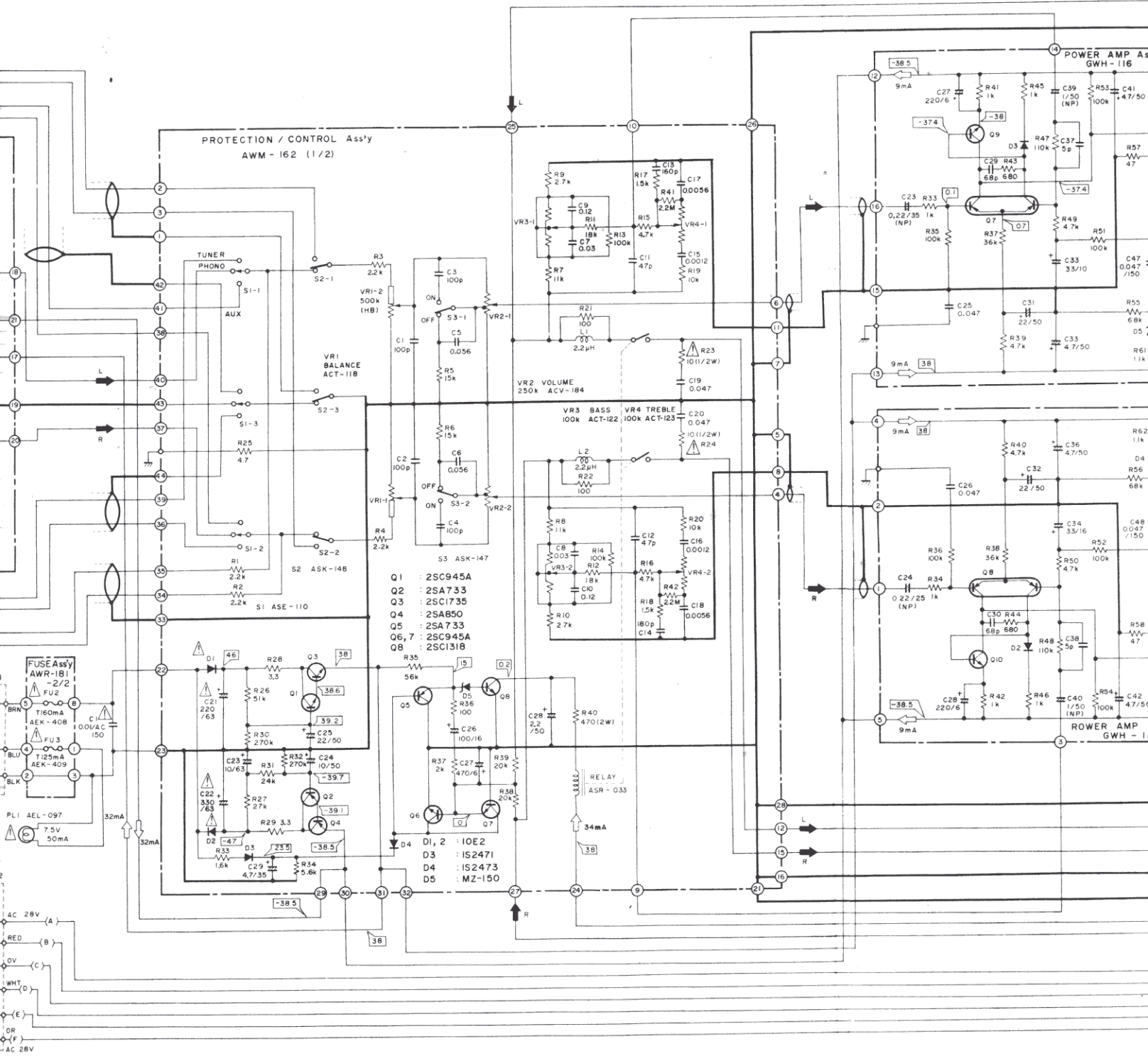
Specifications and the design subject to possible modification without notice due to improvements.

9.2 SCHEMATIC DIAGRAM











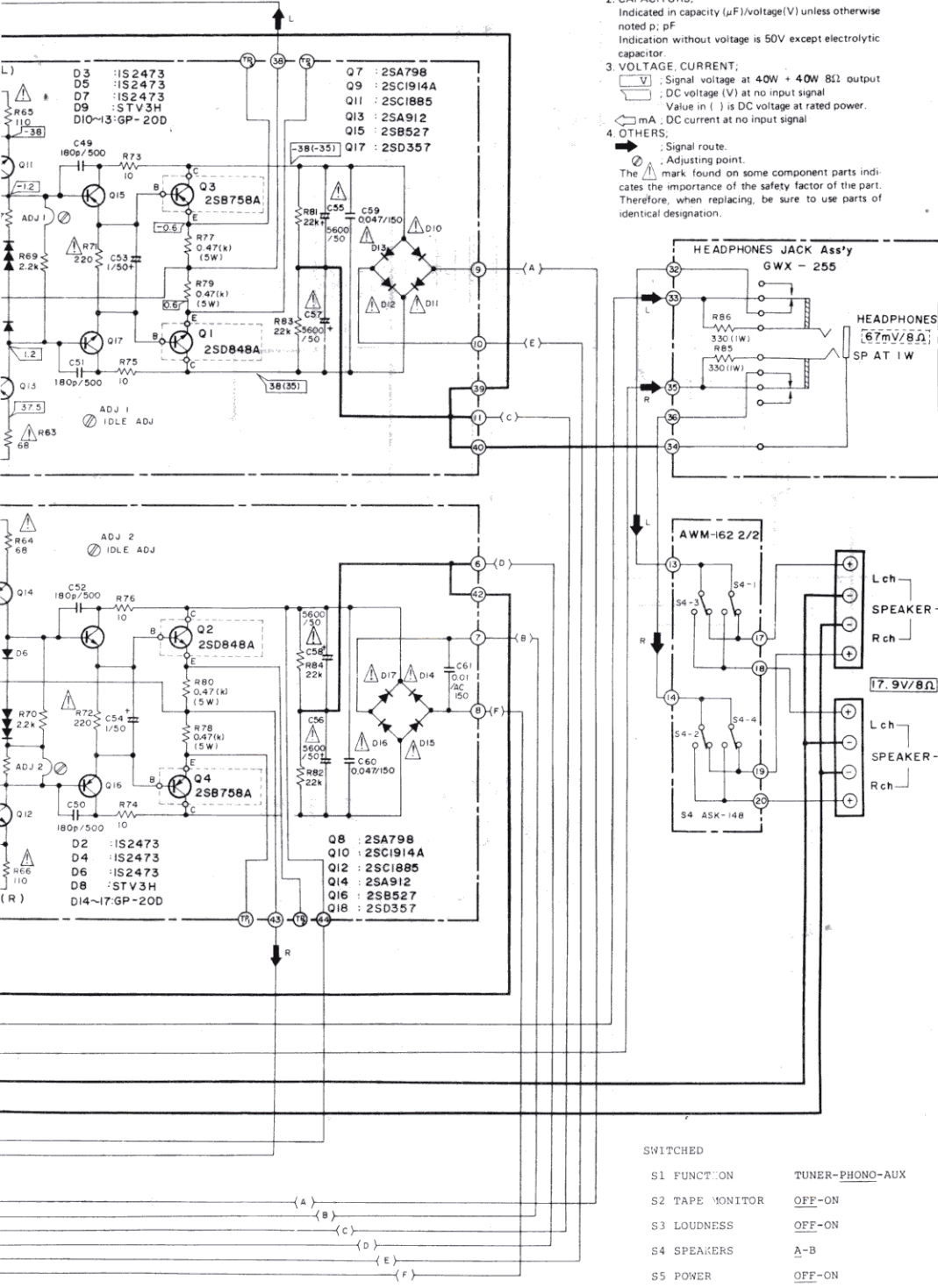
UNITED KINGDOM MODEL ONLY





NOTE:
The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.

1. RESISTOR:
Indicated in Ω, 1/4W, ±5% tolerance unless otherwise noted k; Ω, M, MΩ, (F); +1%, (G); ±2%, (K); ±10% tolerance.
2. CAPACITORS:
Indicated in capacity (μF)/voltage(V) unless otherwise noted p; pF
Indication without voltage is 50V except electrolytic capacitor.
3. VOLTAGE, CURRENT;
 Signal voltage at 40W + 40W 8Ω output
 DC voltage (V) at no input signal
 Value in () is DC voltage at rated power.
 mA; DC current at no input signal
4. OTHERS:
 Signal route.
 Adjusting point.
 The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.



SWITCHED	
S1 FUNCTION	TUNER-PHONO-AUX
S2 TAPE MONITOR	OFF-ON
S3 LOUDNESS	OFF-ON
S4 SPEAKERS	<u>A-B</u>
S5 POWER	OFF-ON
S6 LINE VOLTAGE SELECTOR	<u>220V-240V</u>

The underlined indicates the switch position

A

B

C

D