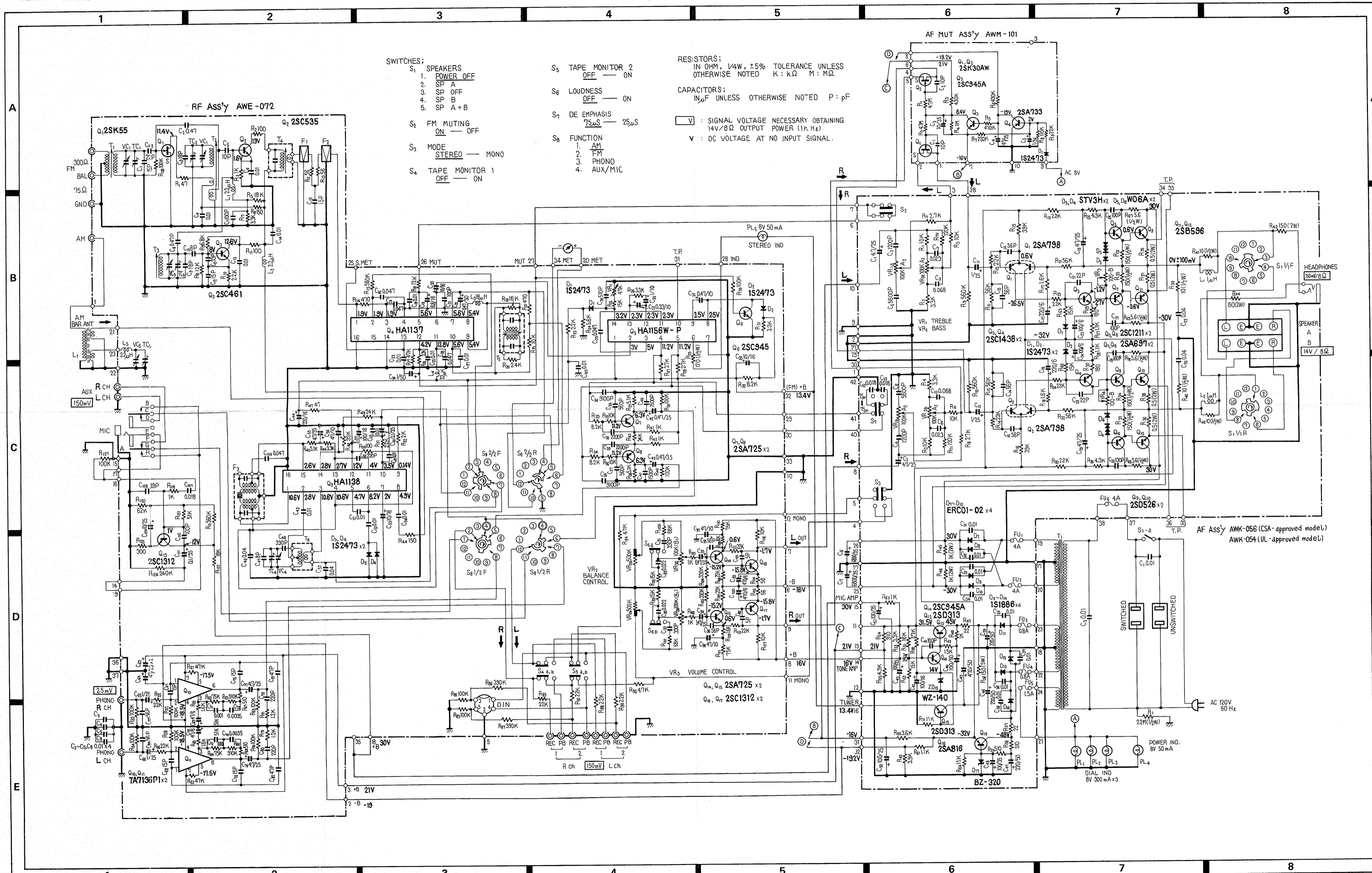


SX-550

KU
KC



- SWITCHES:**
- S₁ SPEAKERS
 - 1. POWER OFF
 - 2. SP A
 - 3. SP OFF
 - 4. SP B
 - 5. SP A+B
 - S₂ FM MUTING
 - ON — OFF
 - S₃ MODE
 - STEREO — MONO
 - S₄ TAPE MONITOR 1
 - OFF — ON
 - S₅ TAPE MONITOR 2
 - OFF — ON
 - S₆ LOUDNESS
 - OFF — ON
 - S₇ DE EMPHASIS
 - 75μS — 25μS
 - S₈ FUNCTION
 - 1. FM
 - 2. PHONO
 - 3. MIC
 - 4. AUX/MIC

RESISTORS:
IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED K: kΩ M: MΩ

CAPACITORS:
IN μF UNLESS OTHERWISE NOTED P: pF

⊖ : SIGNAL VOLTAGE NECESSARY OBTAINING 14V/8Ω OUTPUT POWER (1K Hz)

∇ : DC VOLTAGE AT NO INPUT SIGNAL.

AF Ass'y AWK-056 (CSA-approved model)
AWK-054 (UL-approved model)

SPECIFICATIONS

Semiconductors

FET	3
ICs	5
Transistors	28
Diodes	21

Power Amplifier Section

Continuous Power Output of 20 watts*per channel, min. RMS, at 8 ohms or 4 ohms from 20 Hertz to 20,000 Hertz with no more than 0.3% total harmonic distortion.

Total Harmonic Distortion (20 Hertz to 20,000 Hertz, from AUX)

Continuous Rated Power Output	No more than 0.3%
10 watts per channel power output,	
8 ohms	No more than 0.07%
1 watt per channel power output,	
8 ohms	No more than 0.07%

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

Continuous Rated Power Output	No more than 0.3%
10 watts per channel power output,	
8 ohms	No more than 0.07%
1 watt per channel power output,	
8 ohms	No more than 0.07%

Damping Factor

(20Hz to 20,000Hz, 8 ohms) 25

Input Sensitivity/Impedance

PHONO	2.5mV/50k ohms
MIC	7.5mV/50k ohms
AUX	150mV/50k ohms
TAPE PLAY 1	150mV/50k ohms
TAPE PLAY 2	150mV/50k ohms
TAPE PLAY 2 (DIN connector)	150mV/50k ohms
PHONO Overload Level (T.H.D. 0.1%)	
PHONO	200mV (1kHz)

Output Level/Impedance

TAPE REC 1	150mV
TAPE REC 2	150mV
TAPE REC 2 (DIN connector)	30mV/80k ohms
SPEAKER	A, B, A+B
HEADPHONES	Low Impedance

Frequency Response

PHONO (RIAA equalization)	30Hz to 15,000Hz ± 0.3 dB
AUX, TAPE PLAY	10Hz to 60,000Hz ± 0.5 dB

Tone Control

BASS	+9dB, -10dB (100Hz)
TREBLE	± 8 dB (10kHz)

Loudness Contour (Volume control set at -40dB

position) +6dB (100Hz), +3dB (10kHz)

Hum and Noise (IHF, short-circuited, A Network, rated power)

PHONO	70dB
AUX, TAPE PLAY	90dB

FM Section

Usable Sensitivity	MONO	11.2dBf (2.0 μ V)
	STEREO	20.0dBf (5.5 μ V)
50dB Quieting Sensitivity	MONO	18.3dBf (4.5 μ V)
	STEREO	39.2dBf (50 μ V)
Signal to Noise Ratio at 65dBf	MONO	70dB
	STEREO	65dB
Distortion at 65dBf 100Hz	MONO	0.15%
	STEREO	0.3%
1kHz	MONO	0.15%
	STEREO	0.3%
6kHz	MONO	0.4%
	STEREO	0.4%
Frequency Response	30Hz to 15,000Hz ± 0.2 dB	
Capture Ratio	1.0dB	
Alternate Channel Selectivity	60dB	
Spurious Response Ratio	75dB	
Image Response Ratio	65dB	
IF Response Ratio	90dB	
AM Suppression Ratio	50dB	
Muting Threshold	14dBf (2.8 μ V)	
Stereo Separation	40dB (1kHz), 30dB (30Hz ~ 15kHz)	
Subcarrier Product Ratio	40dB	
SCA Rejection Ratio	40dB	
Antenna Input	300 ohms balanced 75 ohms unbalanced	

AM Section

Sensitivity (IHF, Ferrite antenna)	300 μ V/m
(IHF, Ext. antenna)	15 μ V
Selectivity	35dB
Signal-to-Noise Ratio	50dB
Image Response Ratio	40dB
IF Response Ratio	65dB
Antenna	Built-in Ferrite Loopstick Antenna

Miscellaneous

Power Requirements	120V 60Hz
Power Consumption	UL; 80W, 185W (max.) CSA; 155VA
Dimensions	448(W)x141(H)x307(D) mm 17-4/8(W)x5-9/16(H)x12-1/16(D) in
Weight	Without package 9.4kg (20 lb 11 oz) With package 10.5kg (23 lb 2 oz)

Furnished Parts

FM T-type Antenna	1
Operating Instructions	1

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

NOTE:

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