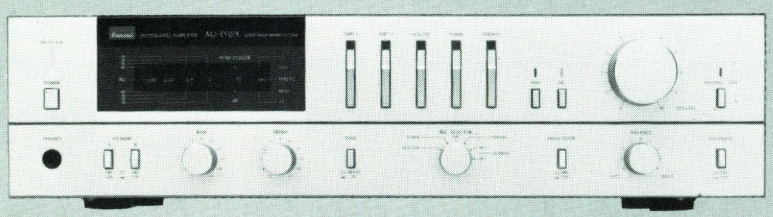
SERVICE MANUAL

INTEGRATED AMPLIFIER

SANSUI AU-D55X

(Silver & Black Model)



Sansui

SANSUI ELECTRIC CO., LTD.

• SPECIFICATIONS

Power output
Min. RMS, both channels driven, from 20 to 20,000 Hz with no more than 0.004% total harmonic distortion.
70 watts per channel into 8 ohms
Load impedance..... 8 ohms
Total harmonic distortion
..... less than 0.004% at or below rated min. RMS power output
Intermodulation distortion
(60 Hz : 7 kHz = 4 : 1 SMPTE method)
..... less than 0.004% at rated
Frequency response (at 1 watt)
Overall (from AUX/DA)
..... DC to 300,000 Hz, +0 dB, —3.0 dB
RIAA curve deviation (PHONO-MM, 20 Hz to 100 kHz)
..... +0.2 dB, —0.5 dB (REC OUT)
Damping factor (1 kHz, both channels driven)
..... 50 into 8 ohms
Input sensitivity and impedance (at 1 kHz)
PHONO-MC..... 250μV/100 ohms
(Max. input capability: 15 mV at 1 kHz, less than 0.008% total harmonic distortion)
PHONO-MM..... 2.5 mV/47 kilohms
(Max. input capability: 150 mV at 1 kHz, less than 0.005% total harmonic distortion)
AUX/DA, TUNER, TAPE PLAY-1,2
..... 200 mV/47 kilohms
Output level (1,000 Hz)
TAPE REC-1,2 ..... 200 mV into 47 kilohms
Channel separation (1 kHz, at rated power output)
PHONO-MM..... 72 dB
AUX/DA, TUNER, TAPE PLAY-1,2
..... 80 dB
Signal to noise ration (short-circuit, A-network)
PHONO-MC..... 65 dB
PHONO-MM..... 85 dB
AUX/DA, TUNER, TAPE PLAY-1,2
..... 110 dB
Controls
BASS..... ±8 dB at 50 Hz
TREBLE..... ±8 dB at 10 kHz
LOUDNESS ..... +9 dB at 50 Hz
+5 dB at 10 kHz

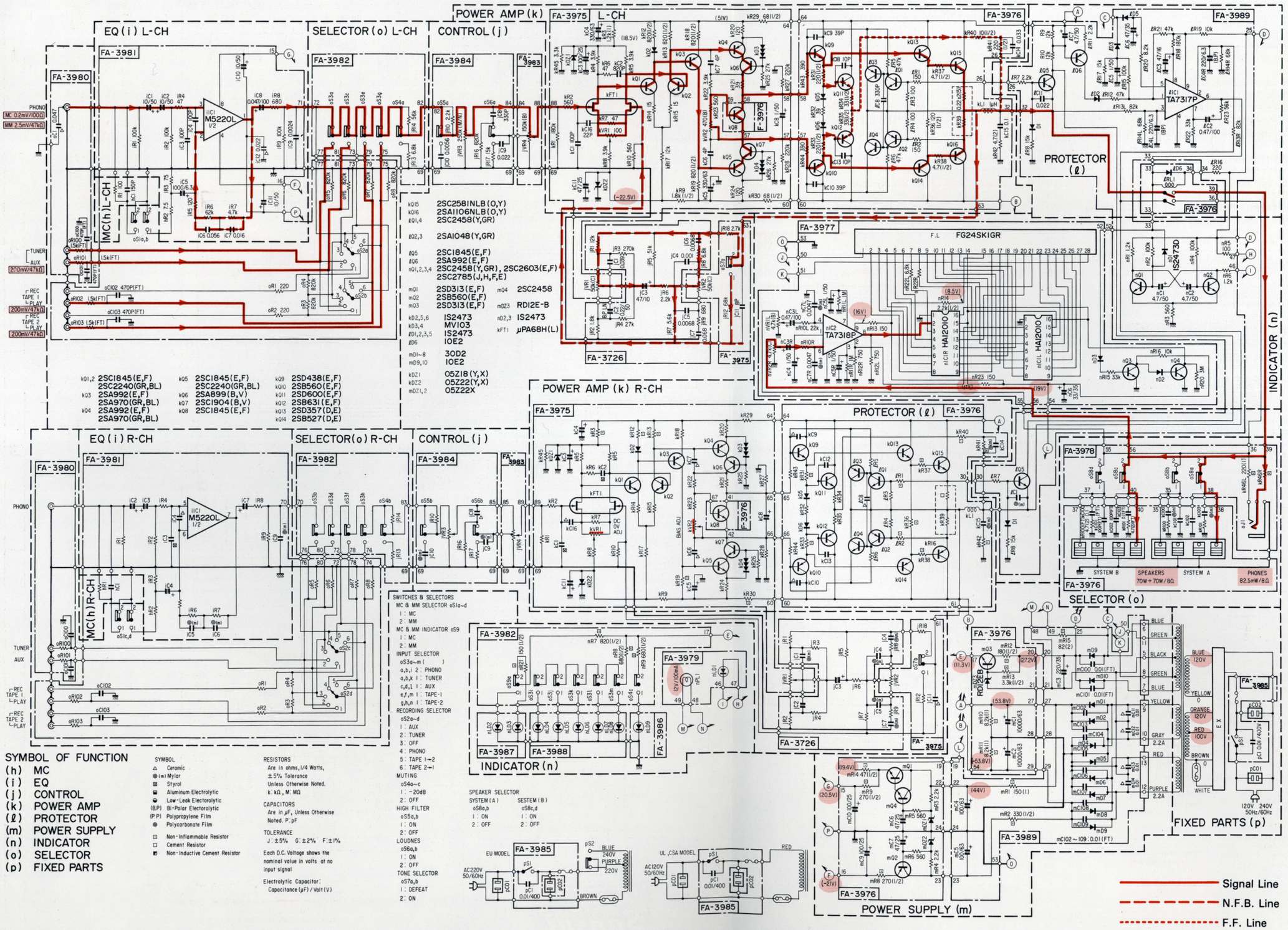
Others

Power voltage ..... 120/220/240 V (50/60 Hz)
For U.S.A. and Canada 120 V (60 Hz)
Power consumption ..... 320 watts 380 VA Rated
530 watts Maximum
Dimensions..... 430 mm (16-15/16″) W
112 mm (4-7/16″) H
334 mm (13-3/16″) D
Weight..... 7.7 kg (17.0 lbs.) net
8.7 kg (19.2 lbs.) packed

* **Design and specifications subject to change without notice for improvements.**

6. SCHEMATIC DIAGRAM

*Design and specifications subject to change without notice for improvement.
*La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
*Anderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.



2SA970 2SA992 2SB560MP 2SC1815 2SC1845 2SC2240 2SC2320 2SD438
2SA899 2SB631K 2SC1904 2SD600K
2SD313AL
2SD357 2SB527
2SA1048 2SA1115 2SC2458 2SC2603
2SA1106 2SC2581
μPA68H
2SA1175 2SC2785
TA7317P TA7318P
M5220L
HA12010
30D2 10E-2 1S2473
MV103
05Z18 05Z22 RD12E