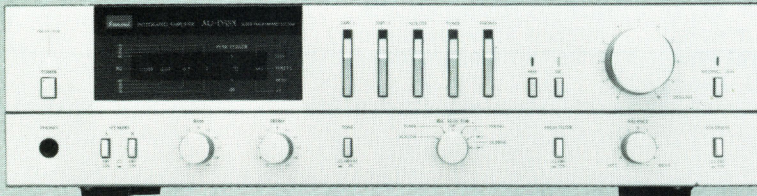


SERVICE MANUAL

INTEGRATED AMPLIFIER

SANSUI AU-D55X

(Silver & Black Model)



• 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..... 250 μ V/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 ratio (short-circuit, A-network)

PHONO-MC..... 65 dB

PHONO-MM..... 85 dB

AUX/DA, TUNER, TAPE PLAY-1,2

..... 110 dB

Controls

BASS..... \pm 8 dB at 50 Hz

TREBLE..... \pm 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

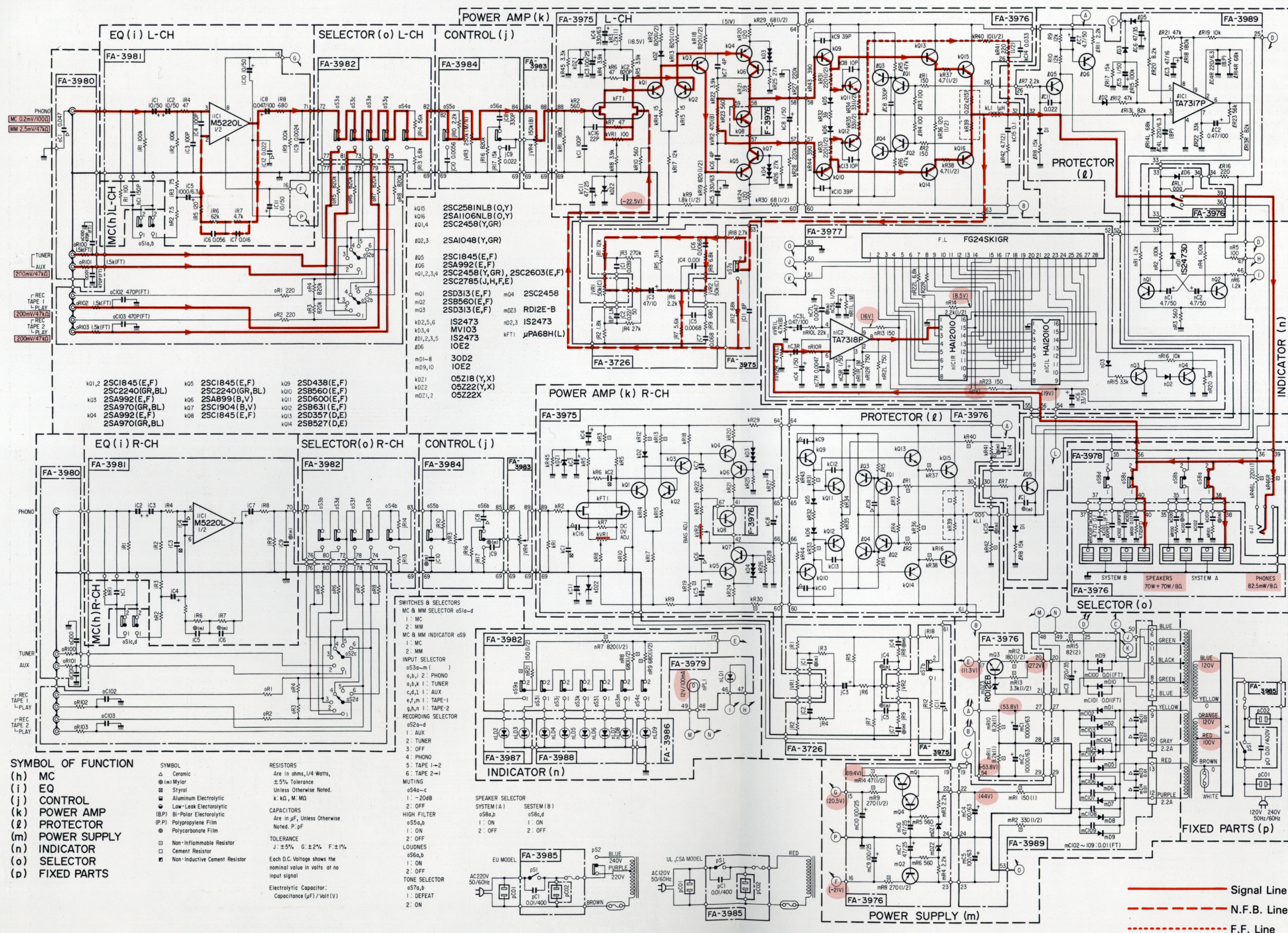
* Design and specifications subject to change without notice for improvements.

Sansui

SANSUI ELECTRIC CO., LTD.

6. SCHEMATIC DIAGRAM

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



- 2SA970
- 2SA992
- 2SB560MP
- 2SC1815
- 2SC1845
- 2SC2240
- 2SC2320
- 2SD438
- 2SA899
- 2SB631K
- 2SC1904
- 2SC2581
- 2SA1048
- 2SA1115
- 2SC2458
- 2SC2603
- 2SA1175
- 2SC2785
- 2SD313AL
- 2SD357
- 2SB527
- 2SA1106
- 2SC2581
- 2SA1048
- 2SA1115
- 2SC2458
- 2SC2603
- 2SA1175
- 2SC2785
- TA7317P
- TA7318P
- M522OL
- HA12010
- 30D2
- 10E-2
- IS2473
- MV103
- 05Z18
- 05Z22
- RD12E

SYMBOL OF FUNCTION

(h) MC
 (i) EQ
 (j) CONTROL
 (k) POWER AMP
 (l) PROTECTOR
 (m) POWER SUPPLY
 (n) INDICATOR
 (o) SELECTOR
 (p) FIXED PARTS

SYMBOL

△ Ceramic
 ⊖ Mylar
 ⊞ Styrol
 ⊕ Aluminum Electrolytic
 ⊖ Low-Leak Electrolytic
 ⊕ Bi-Polar Electrolytic
 ⊖ Polypropylene Film
 ⊕ Polycarbonate Film

□ Non-Inflammable Resistor
 ⊖ Cement Resistor
 ⊕ Non-Inductive Cement Resistor

RESISTORS
 Are in ohms, 1/4 Watts, ±5% Tolerance Unless Otherwise Noted. k: kΩ, M: MΩ

CAPACITORS
 Are in μF, Unless Otherwise Noted. p: pF

TOLERANCE
 J: ±5% G: ±2% F: ±1%

Each D.C. Voltage shows the nominal value in volts at no input signal

Electrolytic Capacitor: Capacitance (μF) / Volt (V)

— Signal Line
 - - - N.F.B. Line
 ····· F.F. Line

1
 2
 3
 4
 5