

# INTEGRATED STEREO AMPLIFIER

A-60/80

## SANSUI A-60 (Silver & Black Model) A-80 (Silver & Black Model)

### SPECIFICATIONS

#### ●A-60

**Power output**  
Min. RMS, both channels driven, from 20 to 20,000 Hz,  
with no more than 0.05 % total harmonic distortion  
45 watts per channel into 8 ohms

**Load impedance** . . . . . 8 ohms

**Total harmonic distortion**  
less than 0.05 % at or below rated  
min. RMS power output

**Frequency response (at 1 watt)**  
5 to 70,000 Hz +0.5 dB, -2 dB

**RIAA curve deviation (PHONO, 30 Hz to 15 kHz)**  
+0.8 dB, -0.8 dB

**Input sensitivity and impedance (1 kHz, for rated power output)**  
PHONO . . . . . 2.5 mV/47 kilohms  
(Max. input capability; 160 mV at 1 kHz, less than  
0.1 % total harmonic distortion)

**AUX, TUNER, TAPE PLAY**  
150 mV/47 kilohms

**Output level and impedance (1,000 Hz)**  
TAPE REC . . . . . 150 mV/47 kilohms

**Hum and noise (short circuit, A-network)**  
PHONO . . . . . 75 dB  
AUX, TUNER, TAPE PLAY  
. . . . . 95 dB

**Power requirements**  
Power voltage . . . . . 110 ~ 120, 220 ~ 240 V  
(50/60 Hz)

For U.S.A. & Canada  
. . . . . 120 V (60 Hz)

**Power consumption** 180 watts Rated  
250 watts Maximum

UL, CSA Model . . . . . 165 watts 180 VA Rated

**Dimensions** . . . . . 430 mm (16-15/16") W  
147 mm (5-13/16") H  
251 mm (9-15/16") D

**Weight** . . . . . 6.3 kg (13.9 lbs.) net  
7.2 kg (15.9 lbs.) packed

#### ●A-80

**Power output**  
Min. RMS, both channels driven, from 20 to 20,000 Hz,  
with no more than 0.05 % total harmonic distortion  
65 watts per channel into 8 ohms

**Load impedance** . . . . . 8 ohms

**Total harmonic distortion**  
less than 0.05 % at or below rated  
min. RMS power output

**Frequency response (at 1 watt)**  
5 to 70,000 Hz +0.5 dB, -2 dB

**RIAA curve deviation (PHONO, 30 Hz to 15 kHz)**  
+0.6 dB, -0.6 dB

**Input sensitivity and impedance (1 kHz, for rated power output)**  
PHONO-MM . . . . . 2.5 mV/47 kilohms  
(Max. input capability; 180 mV at 1 kHz, less than  
0.1 % total harmonic distortion)

PHONO-MC . . . . . 0.1 mV/10 ohms

**AUX, TUNER, TAPE PLAY**  
150 mV/47 kilohms

**Output level and impedance (1,000 Hz)**  
TAPE REC . . . . . 150 mV/47 kilohms

**Hum and noise (short-circuit, A-network)**  
PHONO-MM . . . . . 80 dB  
PHONO-MC . . . . . 60 dB  
AUX, TUNER, TAPE PLAY  
. . . . . 95 dB

**Power requirements**  
Power voltage . . . . . 110 ~ 120, 220 ~ 240 V  
(50/60 Hz)

For U.S.A. & Canada  
. . . . . 120 V (60 Hz)

**Power consumption** 255 watts Rated  
350 watts Maximum

UL, CSA Model . . . . . 230 watts 275 VA Rated

**Dimensions** . . . . . 430 mm (16-15/16") W  
147 mm (5-13/16") H  
251 mm (9-15/16") D

**Weight** . . . . . 7.1 kg (15.7 lbs.) net  
8.0 kg (17.6 lbs.) packed

**Sansui**

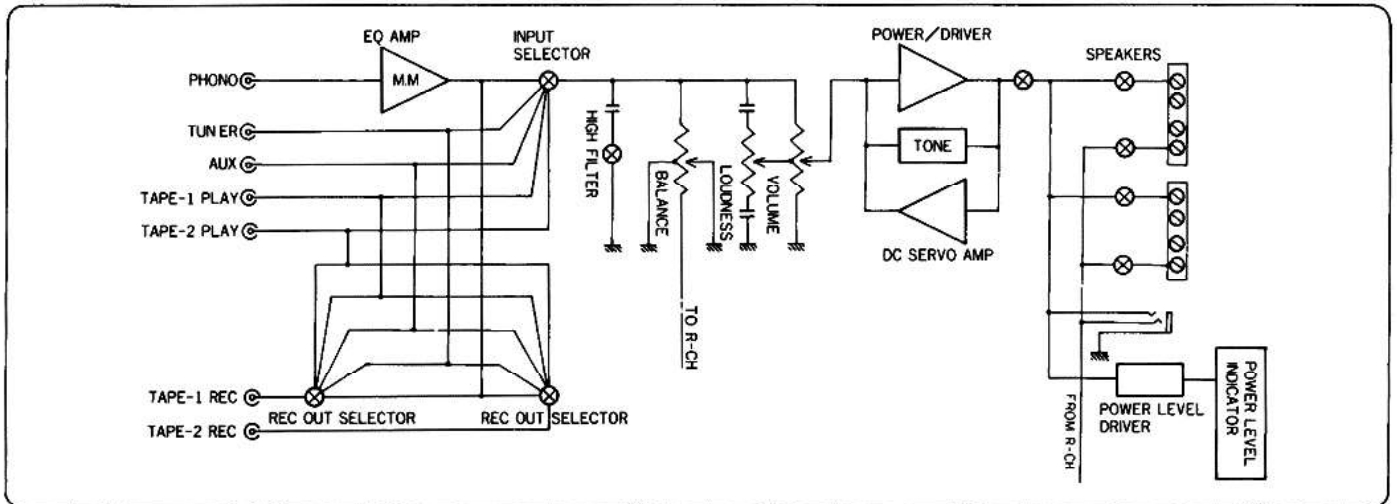
SANSUI ELECTRIC CO., LTD.

\*Design and specifications subject to changes without notice for improvements.

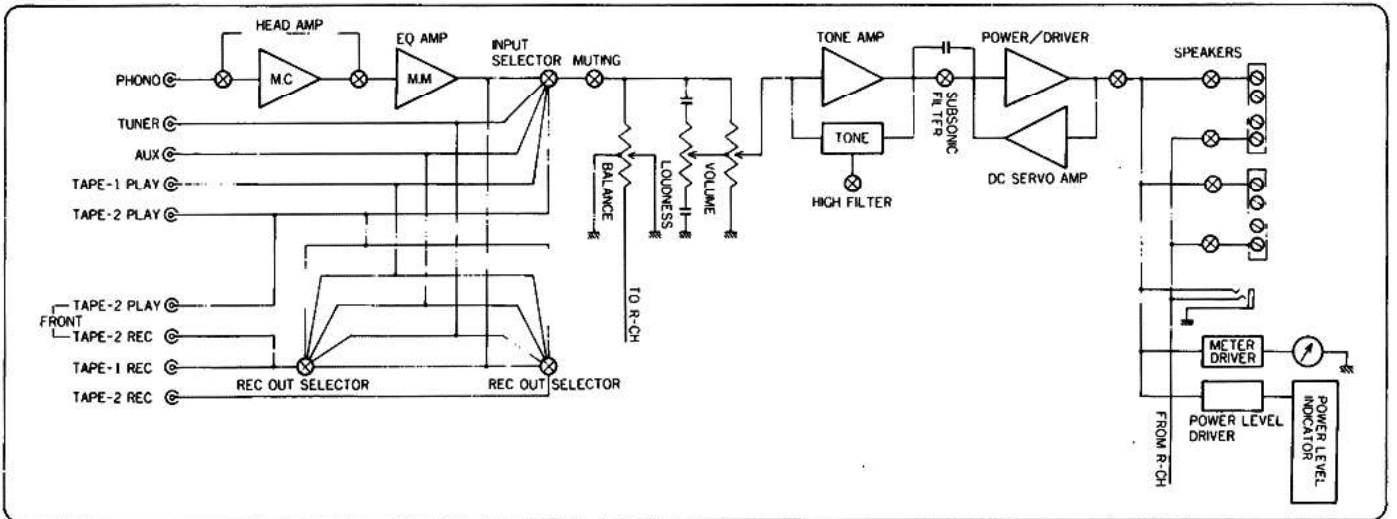
\*In order to simplify the explanation illustrations may sometimes differ from the originals.

# 1. BLOCK DIAGRAM

## 1-1. A-60



## 1-2. A-80



# 2. ADJUSTMENTS

- Notes: 1. Room Temperature . . . . . 18°C ~ 28°C (65°F ~ 83°F)  
 2. For this adjustment, run the unit for more than 5 minutes after the power is switched ON with its level volumes minimum.

3. Before adjusting or confirming the bias current, avoid such a measurement that the power transistors are heated.

### 2-1. A-60 Bias Current Adjustment (See Top View on page 6)

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARK
1.	Bias Current (L-CH) Adj.	Voltage across R71	VR01 on F-3159	DC 1.5 mV	Before turning ON power switch, turn VR01, VR02 fully counterclockwise.
2.	Bias Current (R-CH) Adj.	Voltage across R72	VR02 on F-3159	DC 1.5 mV	In this adjustment, the bias current is converted into the voltage.

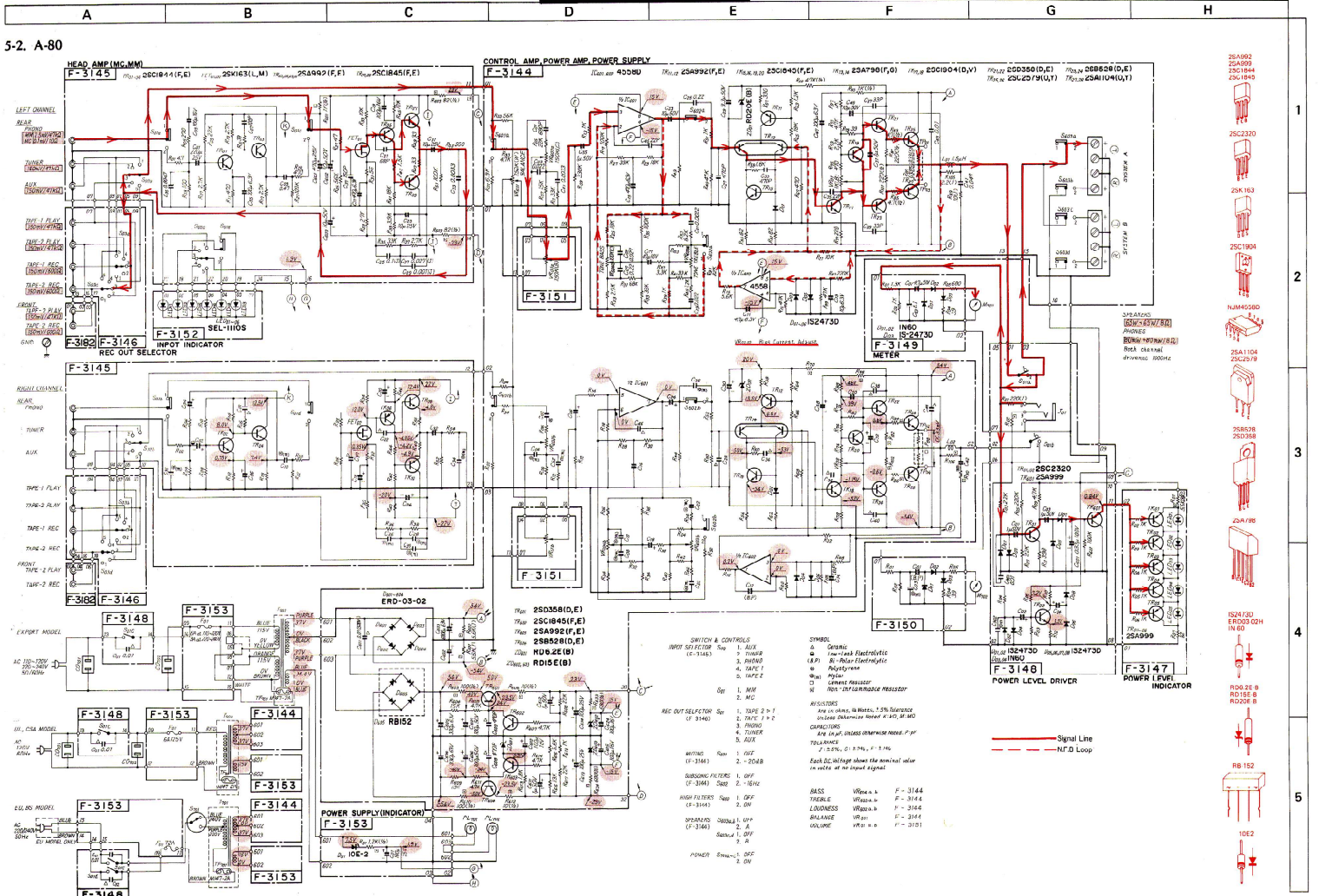
### 2-2. A-80 Bias Current Adjustment (See Top View on page 7)

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARK
1.	Bias Current (L-CH) Adj.	Voltage across R87	VR01 on F-3144	DC 1.5 mV	Before turning ON power switch, turn VR01, VR02 fully counterclockwise.
2.	Bias Current (R-CH) Adj.	Voltage across R88	VR02 on F-3144	DC 1.5 mV	In this adjustment, the bias current is converted into the voltage.

A-60/80 A 60/80

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.

5-2. A-80



- 25A992
- 25A999
- 25C1844
- 25C1845
- 25C2320
- 25K 163
- 25C1904
- 25C2379
- NJM40580
- 25A1104
- 25C2379
- 25B578
- 25C2358
- 25A 998
- IS24730
- ERD03 02H
- IN 60
- ROB 22 B
- RD18E B
- RD20E B
- RB 152
- 10E2