INTEGRATED STEREO AMPLIFIER

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 115 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: 10 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 1.5 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 (16-5/16") W
147 mm (5-7/16") 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: 10 Hz to 15 kHz) +0.8 dB, -0.8 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 (16-1/2") W
147 mm (5-13/16") H
251 mm (9-15/16") D
Weight 7.1 kg (15.2 lbs.) net
8.0 kg (17.5 lbs.) packed

*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)

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

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

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