SERVICE MANUAL

INTEGRATED STEREO AMPHIFIER

SANNSUI A-60 (Silver & Black Model)
A-80 (Silver & Black Model)

SPECIFICATIONS

A-60

- Power output
  Min. RMS, both channels driven, from 30 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.
  Power supply ............. 120 V (60 Hz)

- Power consumption
  80 watts Rated
  250 watts Maximum

- UL, CSA Model
  165 watts; 180 VA Rated

- Dimensions
  430 mm (16\frac{1}{16}\text{"
  147 mm (5\frac{3}{16}\text{"
  251 mm (9\frac{1}{16}\text{"

- 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 30 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.

- Power supply
  120 V (60 Hz)

- Power consumption
  80 watts Rated
  250 watts Maximum

- UL, CSA Model
  165 watts; 180 VA Rated

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*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>
MP, POWER SUPPLY

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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.