SONAMP® DSP AMPLIFIERS

DSP 2-150 MKII, DSP 8-130 MKII & DSP 2-750 MKII
MULTI-CHANNEL POWER AMPLIFIERS

Product Overview

Building on the legacy of the SONAMP 260, the industry’s first purpose-built distributed audio amplifier, Sonance is pleased to announce the next generation of class-leading amplifiers. The new DSP amplifier line delivers game changing features, audiophile grade circuitry, robust power and unrivaled installation flexibility.

At the heart of the SONAMP DSP amplifier is the SONARC (Sonance Advanced Room Correction) web interface featuring 50+ Sonance designed DSP presets, preloaded for effortless DSP without the need for additional hardware or calibration. A built in 10-band parametric EQ allows for additional DSP customization.

Features and Benefits

- High resolution 24 bit/96 kHz processing DAC capable of 4608 KBPS audio playback.
- IP and IR controllable via SONARC’V2 for the ultimate in installation flexibility.
- Powerful, audiophile grade Class-D amplification, rated and certified at 8 and 4 ohms & stable to 2 ohms.
- Compact form factor allows for space savings in the equipment rack with ample power to the speakers.
- Class-D design is 93% efficient for maximum power output with minimal power usage. Meets EU power saving standards.
- Terminal blocks will accept up to 12AWG speaker cable for longer runs and higher performance.

- Full array of input/output connectivity for maximum installation flexibility: Line input/loop outputs; IP, IR, audio and voltage triggers; Ethernet jack for network connectivity.
- Bridgeable channels for applications when even more power is required.
- Certified to worldwide safety standards. (TUV to UL standards, CE, RCM, C-Tick, RoHS, WEEE). Meets FCC standards.
- Rack ears and removable feet included.
- Digital Input Module compatible
DSP 2-150 MKII Dimensions

**Dimensions with Feet**
Width: 8 5/8" (219mm)
Height: 2 1/8" (54mm)
Depth: 16 13/16" (427mm)

**Dimensions with Rack Ears & without Feet**
Width: 19" (482mm)
Height: 1 3/4" (44mm)
Depth: 16 13/16" (427mm)

(2) DSP 2-150 amplifiers shown with optional Rack Mount Bracket

Shown with optional Rack Mount Bracket
### SPECIFICATIONS  DSP 2-150 MKII

<table>
<thead>
<tr>
<th>SKU</th>
<th>93378</th>
</tr>
</thead>
<tbody>
<tr>
<td>UOM</td>
<td>Each</td>
</tr>
<tr>
<td>Number of Channels</td>
<td>2 (1 stereo pair)</td>
</tr>
</tbody>
</table>

### Power Output (RMS):

- **RMS per channel @ 8 ohms**
  - 2 (channels driven)
  - **150 Watts**
- **RMS per channel @ 4 ohms**
  - 2 (channels driven)
  - **224 Watts**
- **RMS per channel Bridged @ 8 ohms**
  - **473 Watts**

### Frequency Response: 5Hz – 50kHz

### Total Harmonic Distortion (THD):

- **(1kHz) @ 8 ohms**
  - **0.07%**
- **(1kHz) @ 4 ohms**
  - **0.06%**

### AC Voltage

- **100-120V@60Hz, 220-240V@50Hz**

### AC Fuse

- **5A (T5-AL ~ 250V)**

### Dimensions w/ Feet (W x H x D)

- **8 5/8” x 2 1/8” x 16 13/16”**
  - (219mm x 54mm x 427mm)

### Dimensions w/ Rack Ears w/o Feet (W x H x D)

- **19” x 1 3/4” x 16 13/16”**
  - (482mm x 44mm x 427mm)

### Rack Space Requirement

- **1U**

### Shipping Weight

- **11 lbs (5.0kg)**
DSP 8-130 MKII Dimensions

Dimensions with Feet
Width: 17 1/4" (438mm)
Height: 2 1/8" (54mm)
Depth: 16 13/16" (427mm)

Dimensions with Rack Ears & without Feet
Width: 19" (482mm)
Height: 1 3/4" (44mm)
Depth: 16 13/16" (427mm)
### SPECIFICATIONS  DSP 8-130 MKII

<table>
<thead>
<tr>
<th>SKU</th>
<th>93331</th>
</tr>
</thead>
<tbody>
<tr>
<td>UOM</td>
<td>Each</td>
</tr>
<tr>
<td>Number of Channels</td>
<td>8 (4 stereo pairs)</td>
</tr>
</tbody>
</table>

#### Power Output (RMS):

- **RMS per channel**
  - @ 8 ohms: 130 Watts (8 channels driven)
  - @ 4 ohms: 145 Watts (8 channels driven)
  - Bridged @ 8 ohms: 300 Watts

#### Frequency Response

- 5Hz – 50kHz

#### Total Harmonic Distortion (THD):

- (1kHz) @ 8 ohms: 0.1%
- (1kHz) @ 4 ohms: 0.03%

#### AC Voltage

- 100-120V@60Hz, 220-240V@50Hz

#### AC Fuse

- 15A (T15-AL ~ 250V)

#### Dimensions with Feet (W x H x D)

- 17 1/4” x 2 1/8” x 16 13/16” (438mm x 54mm x 427mm)

#### Dimensions without Feet (W x H x D)

- 19” x 1 3/4” x 16 13/16” (482mm x 44mm x 427mm)

#### Rack Space Requirement

- 1U

#### Shipping Weight

- 18 lbs (8.2kg)
DSP 2-750 MKII Dimensions

Dimensions with Feet
Width: 17 1/4” (438mm)
Height: 3 7/8” (98mm)
Depth: 17 7/32” (437mm)

Dimensions with Rack Ears & without Feet
Width: 19” (482mm)
Height: 3 1/2” (88mm)
Depth: 17 7/32” (437mm)
## SPECIFICATIONS  DSP 2-750 MKII

<table>
<thead>
<tr>
<th>SKU</th>
<th>93379</th>
</tr>
</thead>
<tbody>
<tr>
<td>UOM</td>
<td>Each</td>
</tr>
<tr>
<td>Number of Channels</td>
<td>2 (1 stereo pair)</td>
</tr>
<tr>
<td>Power Output (RMS):</td>
<td></td>
</tr>
<tr>
<td>RMS per channel @ 8 ohms</td>
<td>500 Watts (2 channels driven)</td>
</tr>
<tr>
<td>RMS per channel @ 4 ohms / 70V</td>
<td>750 Watts (2 channels driven)</td>
</tr>
<tr>
<td>RMS per channel Bridged @ 8 ohms</td>
<td>2000 Watts</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>5Hz – 50kHz</td>
</tr>
<tr>
<td>Total Harmonic Distortion (THD):</td>
<td></td>
</tr>
<tr>
<td>(1kHz) @ 8 ohms</td>
<td>0.4%</td>
</tr>
<tr>
<td>(1kHz) @ 4 ohms</td>
<td>0.3%</td>
</tr>
<tr>
<td>AC Voltage</td>
<td>100-120V@60Hz, 220-240V@50Hz</td>
</tr>
<tr>
<td>AC Fuse</td>
<td>15A (T15-AL — 250V)</td>
</tr>
<tr>
<td>Dimensions w/ Feet (W x H x D)</td>
<td>17 1/4” x 3 7/8” x 17 7/32” (438mm x 98mm x 437mm)</td>
</tr>
<tr>
<td>Dimensions w/ Rack Ears w/o Feet (W x H x D)</td>
<td>19” x 3 1/2” x 17 7/32” (482mm x 88mm x 437mm)</td>
</tr>
<tr>
<td>Rack Space Requirement</td>
<td>2U</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>23.3 lbs (10.6kg)</td>
</tr>
</tbody>
</table>
Associated Products

Digital Input Module (DIM)
SKU# 93099
Compatible with DSP 2-150 MKII,
DSP 8-130 MKII (1 or 2)
and DSP 2-750 MKII

Rack Mount Bracket for
Sonamp 2-100 & DSP 2-150
SKU# 93098
Note: Allows two 1/2 rack width amps to be
rack mounted together in a 1U rack space.

SONAMP DIGITAL AMPLIFIERS

2-100

12-50

LIMITED TWO (2) YEAR WARRANTY
Sonance warrants to the first end-user purchaser that this Sonance-brand product (“Product”), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for two (2) years. Sonance will at its option and expense during the warranty period, either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.