



Sonance amplifier solutions



Sonamp 2-100

Sonamp 12-50

SR-2-125

DSP-2-150MKII

DSP-8-130MKII

DSP-2-750MKII



SONAMP® DIGITAL AMPLIFIERS

2-100 & 12-50 MULTI-CHANNEL POWER AMPLIFIERS



Product Overview

Sonance, the inventor of the distributed audio amplifier category, introduces the next generation of cutting edge amplifier technology. Once again pushing the envelope with class-leading performance, rock-solid stability, and ease of installation, the Sonamp Digital Amplifier line appeals to the

most discerning ear. With enough flexibility to meet the demands of custom installations of all types & the perfect compliment to the rest of the Sonance speaker line. The Sonamp Digital Amplifiers build on the legacy of innovation, performance and reliability that Sonance amplifiers are known for.

Features and Benefits

- Powerful, audiophile grade Class-D power supply. Rated at 8 ohms, 4 ohms & stable into 2 ohms.
- Compact form factor allows for space savings in the equipment rack with ample power to the speakers.
- Convection cooled, fanless design allows for direct stacking with no air gap for even greater power density.
- Bridgeable channels for applications when even more power is required.
- Class-D design is 93% efficient for maximum power output with minimal power usage.
- Full array of input/output connectivity for maximum installation flexibility: line inputs, loop outputs, audio & voltage triggers, (2) Buss input/output, independent volume control per channel.
- Terminal blocks will accept up to 12AWG speaker cable for longer runs & higher performance.
- Certified to worldwide safety standards (TUV, RCM, CE). Meets FCC standards.
- Rack ears and feet included.

2-100



12-50



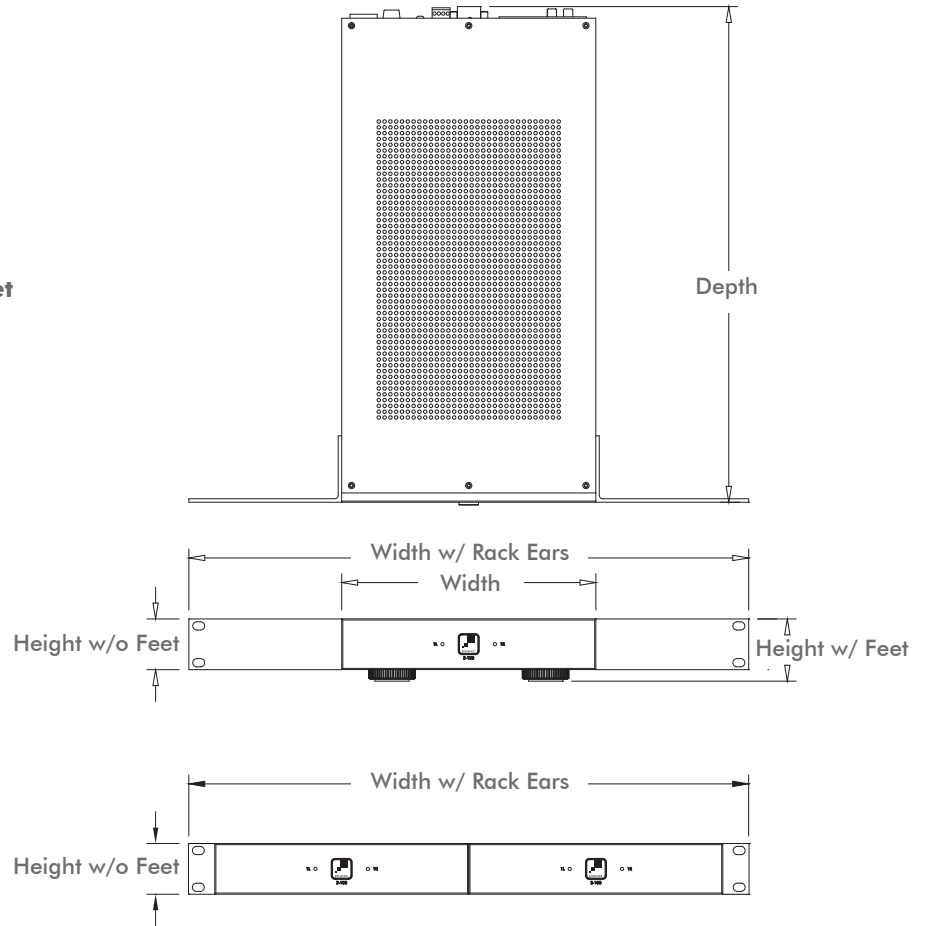
2-100 Dimensions

Dimensions with Feet

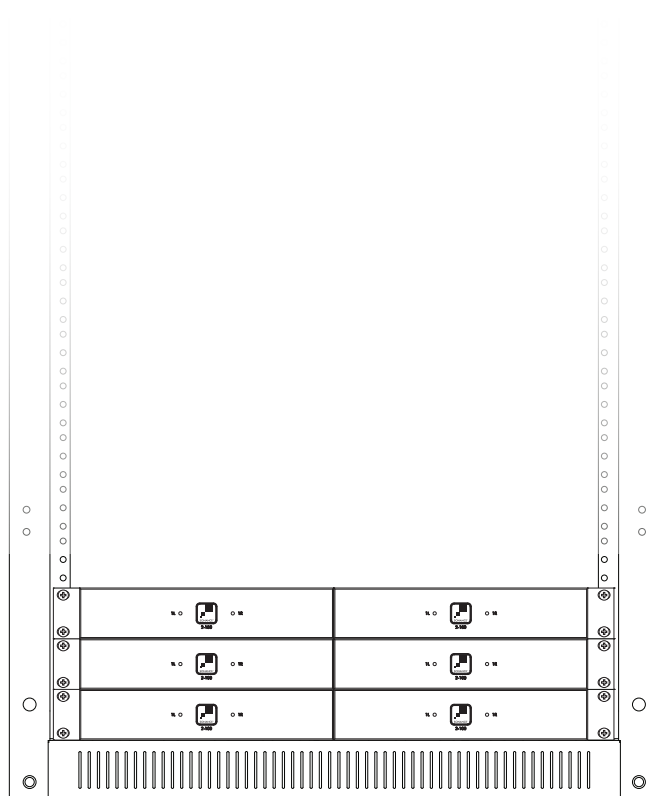
Width: 8 5/8" (219mm)
 Height: 2 1/8" (54mm)
 Depth: 16 13/16" (427mm)

Dimensions with Rack Ears & without Feet

Width: 19" (482mm)
 Height: 1 3/4" (44mm)
 Depth: 16 13/16" (427mm)



(2) 2-100 Digital Amplifiers shown with optional Rack Mount Bracket



- Compact form factor allows for space savings in the equipment rack with ample power to the speakers
- Convection cooled, fanless design allows for direct stacking with no air gap for even greater power density.
- Class-D design is 93% efficient for maximum power output with minimal power usage.
- Rack ears and feet included.

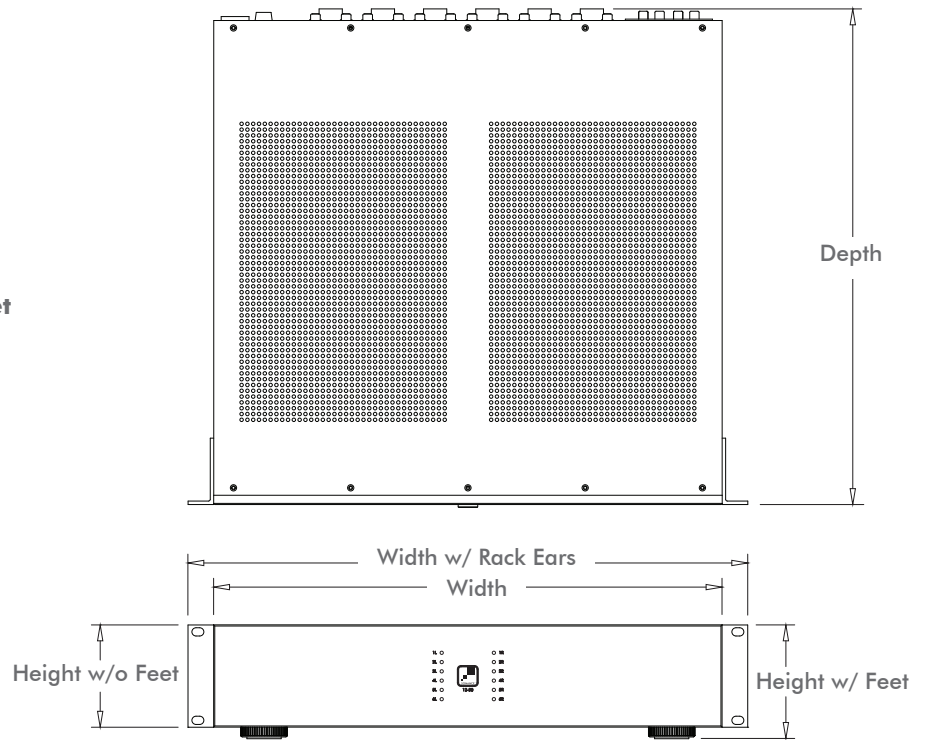
12-50 Dimensions

Dimensions with Feet

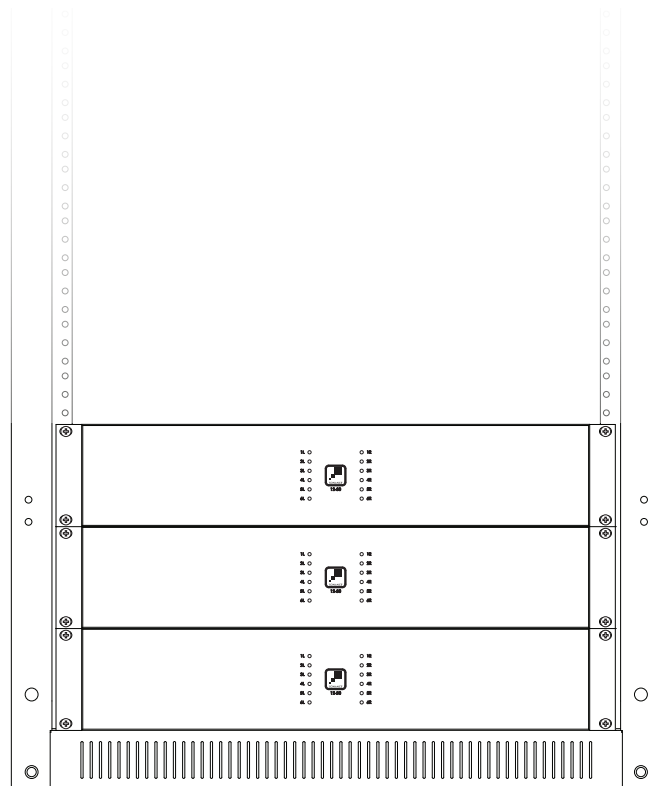
Width: 17 1/4" (438mm)
 Height: 3 7/8" (98mm)
 Depth: 16 13/16" (427mm)

Dimensions with Rack Ears & without Feet

Width: 19" (482mm)
 Height: 3 1/2" (88mm)
 Depth: 16 13/16" (427mm)



- Compact form factor allows for space savings in the equipment rack with ample power to the speakers
- Convection cooled, fanless design allows for direct stacking with no air gap for even greater power density.
- Class-D design is 93% efficient for maximum power output with minimal power usage.
- Rack ears and feet included.





SPECIFICATIONS 2-100

SKU	93091
UOM	Each
Number of Channels	2 (1 stereo pair)
Power Output (RMS):	
RMS per channel @ 8 ohms	100 Watts (2 channels driven)
RMS per channel @ 4 ohms	156 Watts (2 channels driven)
RMS per channel Bridged @ 8 ohms	325 Watts
Frequency Response	5Hz – 50kHz,
Total Harmonic Distortion (THD):	
(1kHz) @ 8 ohms	0.15%
(1kHz) @ 4 ohms	0.1%
AC Voltage	100-120V@60Hz, 220-240V@50Hz
AC Fuse	5A (T5AL ~ 250V)
Dimensions w/ Feet (W x H x D)	8 5/8" x 2 1/8" x 16 13/16" (219mm x 16 13/16" (482mm x 44mm x
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
Rack Space Requirement	1U – 1/2 Rack Width
Shipping Weight	10 lbs (4.53kg)



SPECIFICATIONS 12-50

SKU	93092
UOM	Each
Number of Channels	12 (6 stereo pairs)
Power Output (RMS):	
RMS per channel @ 8 ohms	50 Watts (12 channels driven)
RMS per channel @ 4 ohms	50 Watts (12 channels driven)
RMS per channel Bridged @ 8 ohms	100 Watts
Frequency Response	5Hz – 50kHz,
Total Harmonic Distortion (THD):	
(1kHz) @ 8 ohms	0.05%
(1kHz) @ 4 ohms	0.1%
AC Voltage	100-120V@60Hz, 220-240V@50Hz
AC Fuse	10A (T10AL ~ 250V)
Dimensions w/ Feet (W x H x D)	17 1/4" x 3 7/8" x 16 13/16" (438mm x 16 13/16" (482mm x 88mm x
Dimensions w/ Rack Ears w/o Feet (W x H x D)	19" x 3 1/2" x 16 13/16" (482mm x 88mm x
Rack Space Requirement	2U
Shipping Weight	20 lbs (9.07kg)

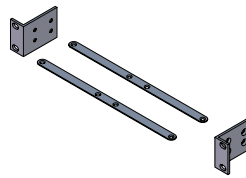


Associated Products

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 DSP AMPLIFIERS

DSP 2-150



DSP 8-130



DSP 2-750



ASAP3D SE (Special Applications Amplifier)



LIMITED TWO (2) YEAR WARRANTY

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Product Overview

The SR 2-125 Amplifier is purpose built to be the ideal companion for the SONARRAY SR1 satellite and subwoofer system. The SR 2-125 is a 125-watt stereo amplifier with DSP presets easily accessed through dials on the back of the amplifier. Whether the outdoor installation is hardscape or softscape, the amplifier presets optimize the best sound and performance of the SR1 system for any outdoor environment.

The amplifier includes digital coax, toslink and analog inputs to accommodate all types of sources and streaming devices. Each input has a loop output allowing for the simple connection of multiple SR 2-125 amplifiers to power multiple SR1 landscape audio systems. The SR 2-125 can be rack mounted with the included rack ears or surface mounted with included feet.

Features and Benefits

- The SR 2-125 is pre loaded with 20 DSP presets expertly designed to bring the Sonarray SR1 landscape audio system to life.
- The SR 2-125 amplifier has analog, coax and toslink LINE INPUTS and loop OUTPUTS. The analog loop outputs are non buffered. The maximum number of amplifiers that can be looped together will depend on the output capability of your source component. The digital outputs are buffered and can support multiple amplifiers. Only one output can be used at a time.
- Full array of input/output connectivity for maximum installation flexibility: line inputs, loop outputs, audio & voltage triggers, (2) Buss input/output, independent volume control per channel.
- Powerful, audiophile grade Class-D power supply. Rated at 8 ohms, 4 ohms & stable into 2 ohms.
- Compact form factor allows for space savings in the equipment rack with ample power to the speakers.
- Convection cooled, fanless design allows for direct stacking with no air gap for even greater power density.
- Class-D design is 93% efficient for maximum power output with minimal power usage.
- Terminal blocks will accept up to 12AWG speaker cable for longer runs & higher performance.
- Certified to worldwide safety standards (TUV, RCM, CE). Meets FCC standards.
- Rack ears and feet included.

SR 2-125



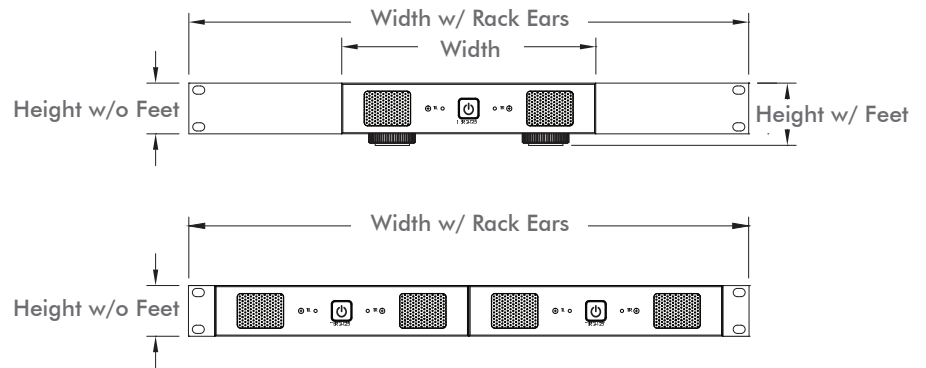
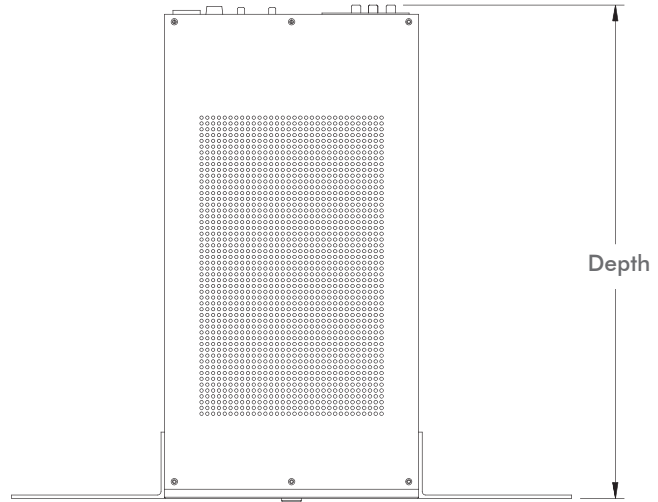
SR 2-125 Dimensions

Dimensions with Feet

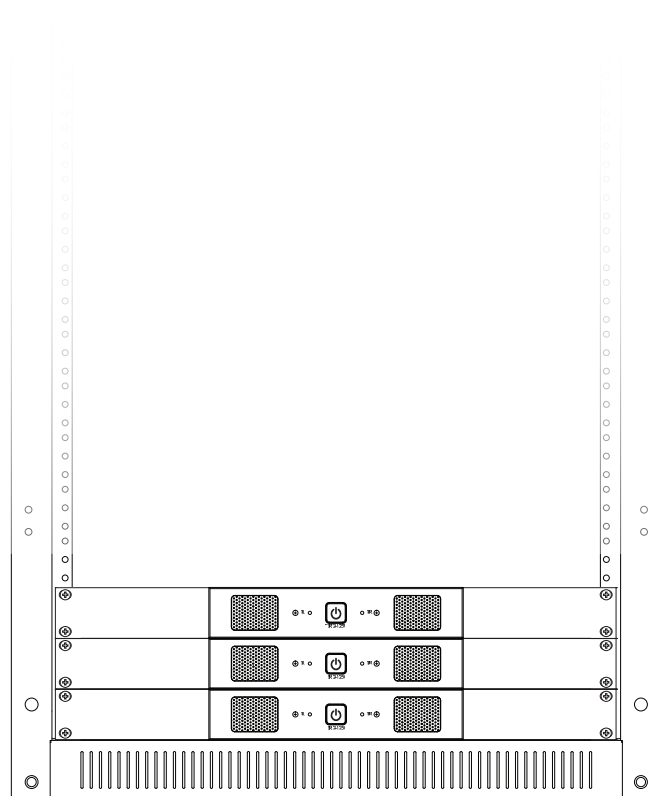
Width: 8 5/8" (219mm)
 Height: 2 1/8" (54mm)
 Depth: 16 13/16" (427mm)

Dimensions with Rack Ears & without Feet

Width: 19" (482mm)
 Height: 1 3/4" (44mm)
 Depth: 16 13/16" (427mm)



(2) SR 2-125 Digital Amplifiers shown with optional Rack Mount Bracket



- Compact form factor allows for space savings in the equipment rack with ample power to the speakers
- Convection cooled, fanless design allows for direct stacking with no air gap for even greater power density.
- Class-D design is 93% efficient for maximum power output with minimal power usage.
- Rack ears and feet included.

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



DSP 8-130 MKII



DSP 2-750 MKII



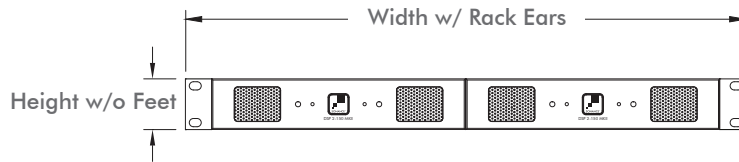
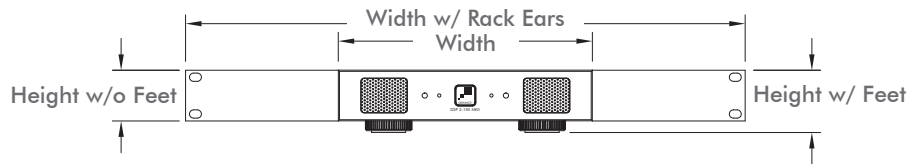
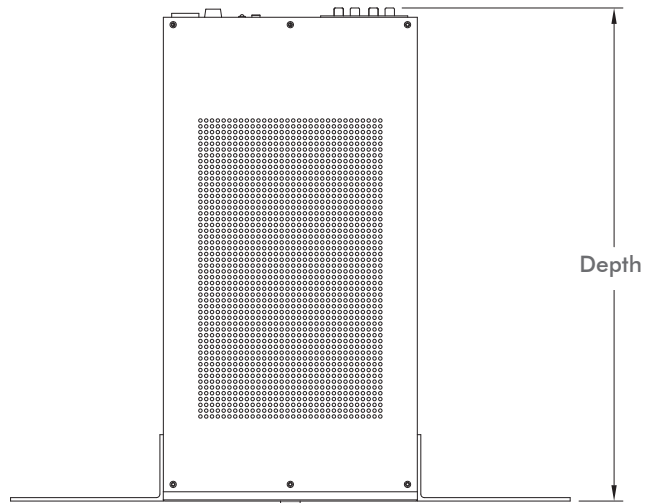
DSP 2-150 MKII Dimensions

Dimensions with Feet

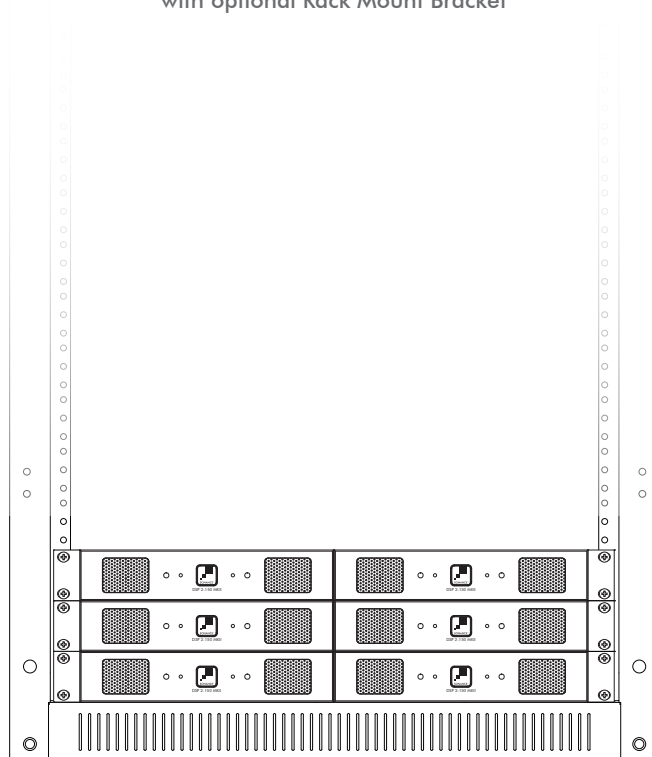
Width: 8 5/8" (219mm)
 Height: 2 1/8" (54mm)
 Depth: 16 13/16" (427mm)

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

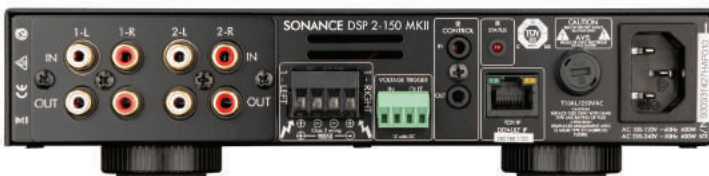


Shown with optional Rack Mount Bracket



SPECIFICATIONS **DSP 2-150 MKII**

SKU	93093
UOM	Each
Number of Channels	2 (1 stereo pair)
Power Output (RMS):	
RMS per channel @ 8 ohms	150 Watts (2 channels driven)
RMS per channel @ 4 ohms	224 Watts (2 channels driven)
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)



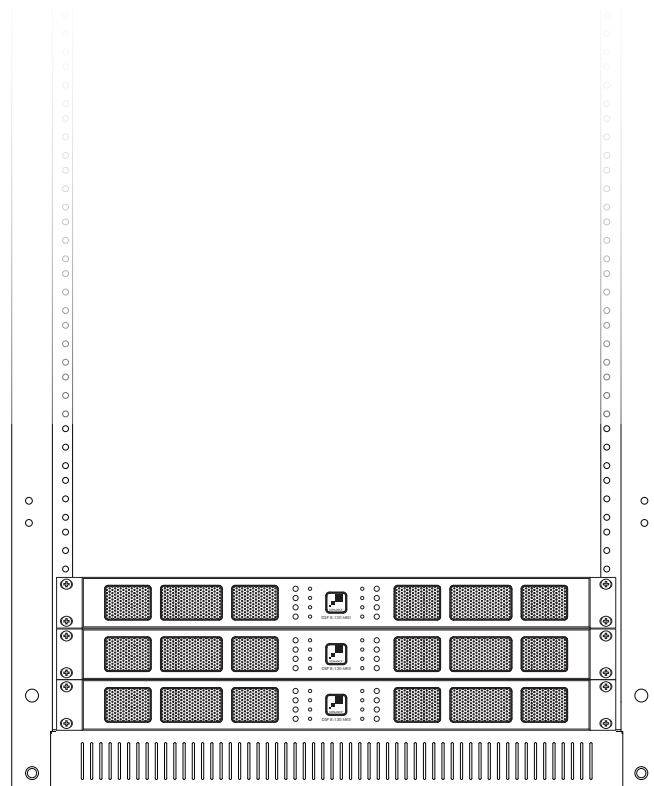
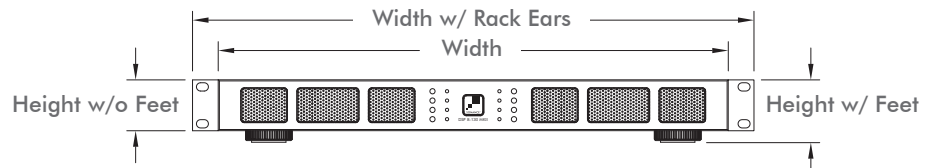
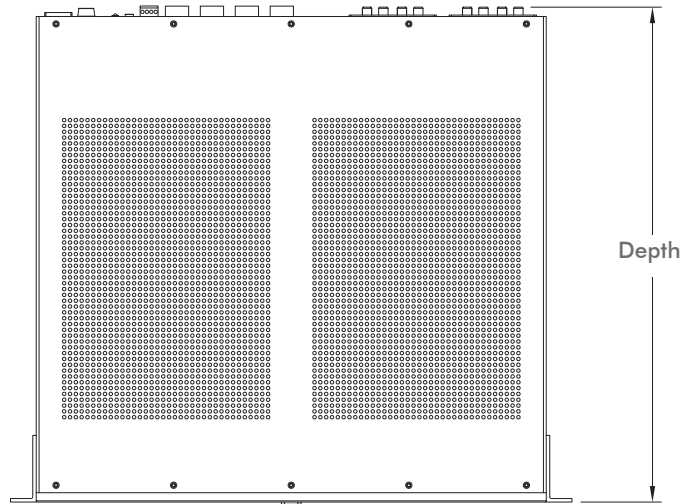
DSP 8-130 MKII Dimensions

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**

SKU	93331
UOM	Each
Number of Channels	8 (4 stereo pairs)
Power Output (RMS):	
RMS per channel @ 8 ohms	130 Watts (8 channels driven)
RMS per channel @ 4 ohms	145 Watts (8 channels driven)
RMS per channel 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 w/ Feet (W x H x D)	17 1/4" x 2 1/8" x 16 13/16" (438mm 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	18 lbs (8.2kg)



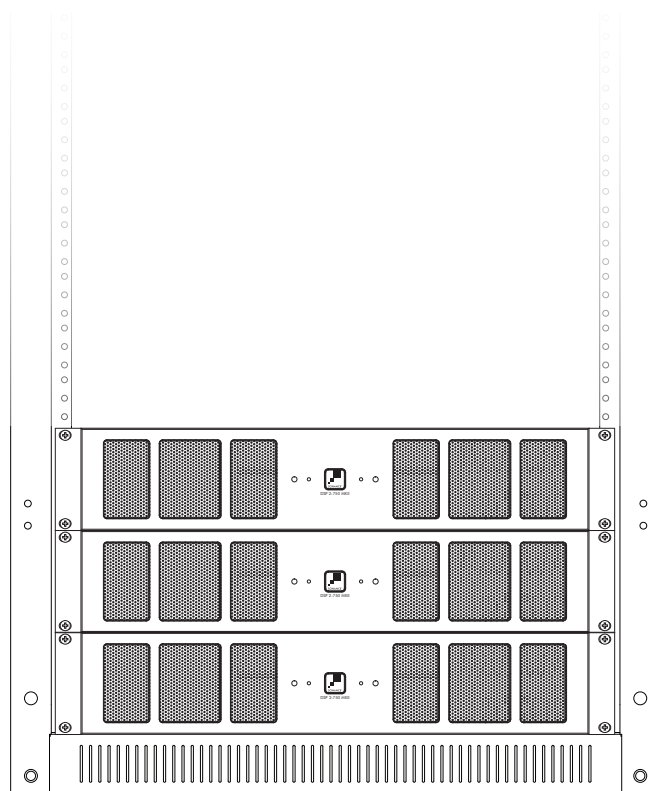
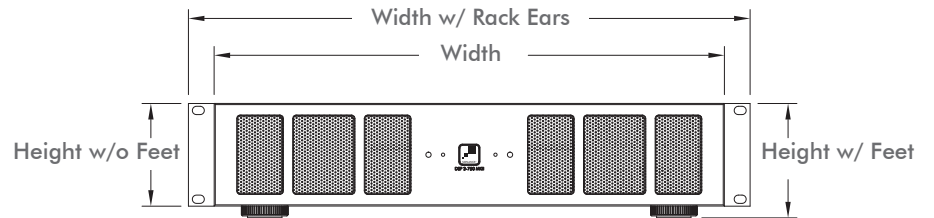
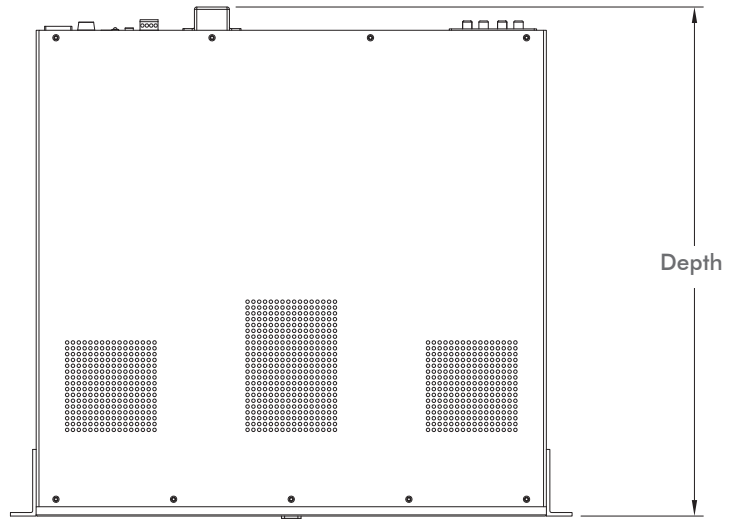
DSP 2-750 MKII Dimensions

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**

SKU	93095
UOM	Each
Number of Channels	2 (1 stereo pair)
Power Output (RMS):	
RMS per channel @ 8 ohms	500 Watts (2 channels driven)
RMS per channel @ 4 ohms / 70V	750 Watts (2 channels driven)
RMS per channel Bridged @ 8 ohms	2000 Watts
Frequency Response	5Hz – 50kHz
Total Harmonic Distortion (THD):	
(1kHz) @ 8 ohms	0.4%
(1kHz) @ 4 ohms	0.3%
AC Voltage	100-120V@60Hz, 220-240V@50Hz
AC Fuse	15A (T15-AL ~ 250V)
Dimensions w/ Feet (W x H x D)	17 1/4" x 3 7/8" x 17 7/32" (438mm x 98mm x 437mm)
Dimensions w/ Rack Ears w/o Feet (W x H x D)	19" x 3 1/2" x 17 7/32" (482mm x 88mm x 437mm)
Rack Space Requirement	2U
Shipping Weight	23.3 lbs (10.6kg)





Associated Products

Digital Input Module (DIM)

SKU# 93099

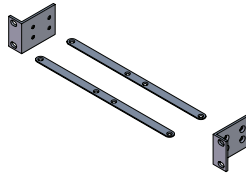
Compatible with DSP 2-150 MKII,
DSP 8-130 MKII (1 or 2)
and DSP 2-750 MKII



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

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SONARC

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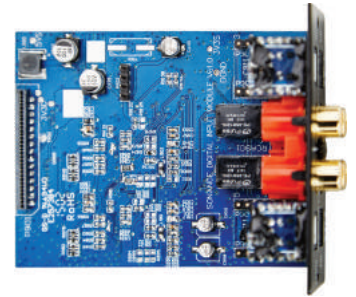
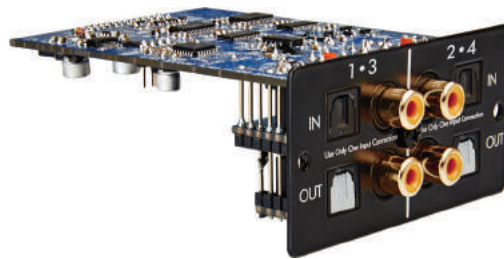
SONAMP[®] DSP AMPLIFIERS

DIGITAL INPUT MODULE



The Digital Input Module (DIM) is the ultimate performance enhancement to any Sonance distributed audio system. When paired with a SONAMP DSP amplifier, the DIM allows for a direct

connection to a digital source ensuring the signal passes through to the sophisticated 24 bit/96kHz capable DAC in the amplifier with the shortest signal path possible & at the highest performance level.



SONAMP DSP 8-130 Amplifier with (2) installed Digital Input Modules

Features and Benefits

Performance

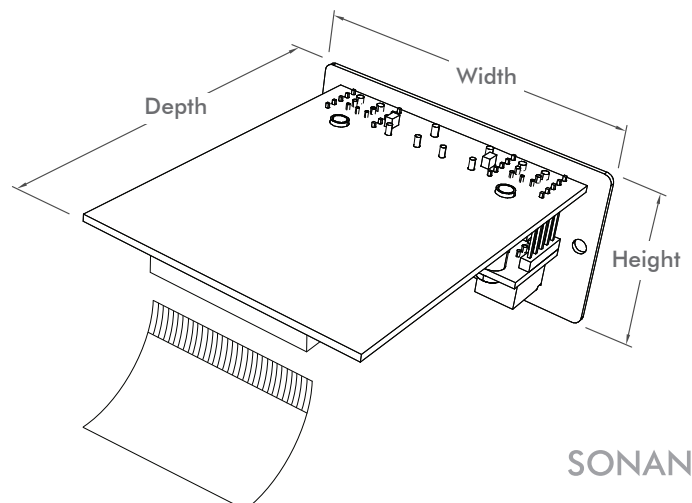
- When paired with a Sonance DSP amplifier, allows for playback of up to 24 bit/96 kHz audio content ensuring the highest performance possible from a distributed audio system.
- Audiophile grade components maintain a pristine audio signal in the digital domain from input stage through DSP phase for no compromise performance.

Simplicity

- Directly connect digital audio sources to Sonance DSP amplifiers eliminating the need for external DACs, preamps/switchers & additional wiring saving rack space & installation time.
- Simple rear-panel installation. Simply remove two screws, install the DIM & connect a digital source.
- Plug & play. No firmware updates or special settings in SONARC are necessary.

Digital Input Module Dimensions

Width:	3" (75mm)
Height:	1 1/2" (38mm)
Depth:	3 13/32" (87mm)
Depth with RCAs:	3 11/16" (93mm)





SPECIFICATIONS **Digital Input Module**

SKU	93099
UOM	Each
Compatible With	DSP 2-150, DSP 8-130 and DSP 2-750
Input Signal	PCM Audio (not compatible with 5.1/7.1 surround signal)
Bit Rate	16 - 24 bit
Sample Frequency	44.1 - 96kHz
Input 1	Toslink optical digital or Coaxial digital (only one can be used)
Loop Output 1	Buffered Toslink optical or Coaxial digital
Input 2	Toslink optical digital or Coaxial digital (only one can be used)
Loop Output 2	Buffered Toslink optical or Coaxial digital
Dimensions (W x H x D) & Depth w/ RCAs	Width: 3" (75mm) Height: 1 1/2" (38mm) Depth: 3 13/32" (87mm) Depth with RCAs: 3 11/16" (93mm)
Shipping Weight	1 lbs (.45kg)

Associated Products

SONAMP DSP AMPLIFIERS

DSP 2-150
Each
93093



DSP 8-130
Each
93094



DSP 2-750
Each
93095



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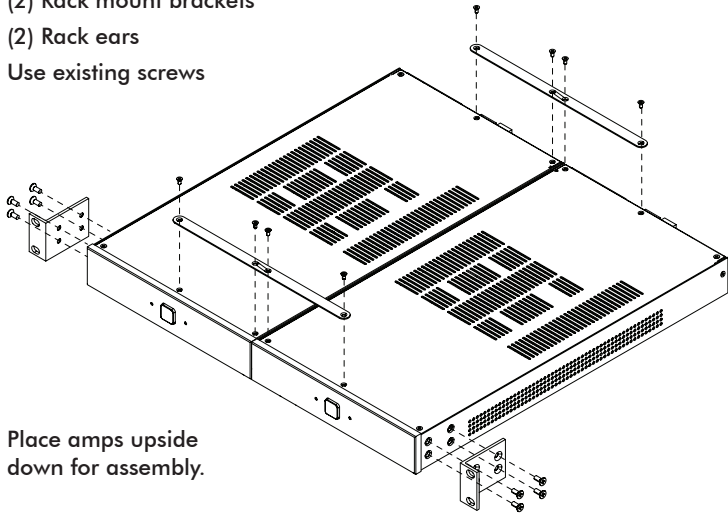
INSTRUCTIONS

RACK MOUNT BRACKET FOR SONAMP® 2-100 & DSP 2-150 AMPLIFIERS ACCESSORY KIT

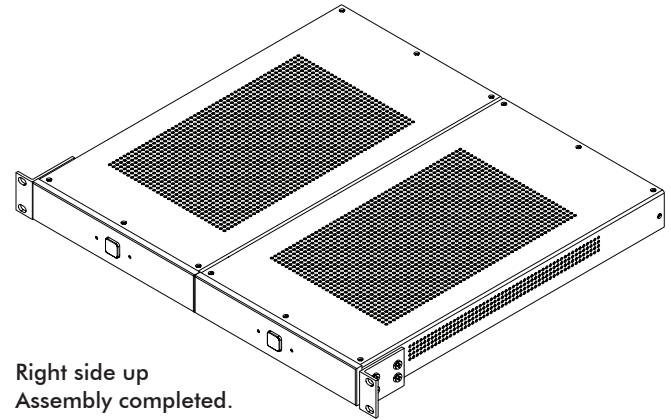


Contents

- (1) Instruction sheet
 - (2) Rack mount brackets
 - (2) Rack ears
- Use existing screws



Place amps upside
down for assembly.



Right side up
Assembly completed.