

VISUAL PERFORMANCE® SERIES



VP10SUB NC

VP10SUB NC ENCLOSURE

DSP 2-150 AMPLIFIER

VP12SUB NC

VP12SUB NC ENCLOSURE

DSP 2-750 AMPLIFIER

NC = NEW CONSTRUCTION

Product Family Overview

From the company that invented the category, comes the **BEST SOUNDING**, best looking and most complete range of in-wall and in-ceiling speakers ever. Visual Performance® Series

comes in various shapes and sizes to compliment down lights and décor and a complete range that allows you to enjoy a consistent aesthetic for any application in any room.



VP10SUB NC



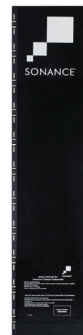
VP10SUB NC ENCLOSURE



SONAMP DSP 2-150 AMP



VP12SUB NC



VP12SUB NC ENCLOSURE



SONAMP DSP 2-750 AMP

Features and Benefits

VP10SUB NC and VP12SUB NC In-Wall subwoofers combines elegant, modern visual design with uncompromised bass performance for home theaters and multi media solutions.

The VP Series Subwoofers feature an innovative low profile driver with an ultra low distortion motor and 4" diameter voice coil. The VP12SUB NC In-Wall subwoofer incorporates a 12" woofer, while the VP10SUB NC utilizes a 10" woofer. Dual central mount spiders are used in both models to maximize the movement of the laminated carbon fiber honeycomb woofer cone.

VP Series Subwoofer enclosures are constructed from a combination of 1/2" and 1" MDF for superior isolation of bass and extruded aluminum bracing for minimal obstruction of airflow inside the enclosure. Mass damping of front and back walls of each enclosure and long strand fiberglass internal damping for standing wave dissipation is also incorporated. In addition, a floating enclosure design minimizes vibration transfer to adjoining rooms. Both enclosures fit in a standard 2 x 4 stud bay and a blank pre-construction plate is included for easy installation.

VP Series Subwoofer amplifiers include DSP presets specifically for the VP10SUB NC and VP12SUB NC drivers and enclosures. Each amplifier is capable of driving up to two woofers. The VP10SUB NC with DSP 2-150 amplifier extends down to 30Hz and is capable of producing 108dB of output at 1 meter. The VP12SUB NC with DSP 2-750 amplifier extends down to 25Hz and is capable of producing 114dB of output at 1 meter.

Keeping in mind the different installation stages needed by the CEDIA professional, the Visual Performance Subwoofer systems are sold separately in three pieces; a woofer driver with grille, an in-wall enclosure, and the outboard amplifier or as a system that includes two woofer drivers with grilles, two enclosures, and the amplifier.

Subwoofer Features

- Low profile driver
- 1.5" of peak to peak travel
- Ultra low distortion motor
- 4" diameter voice coil
- Dual central mount spiders to maximize the linear movement of the cone
- Laminated carbon fiber honeycomb cone
- Die-cast basket
- Visual Performance grille

Sonance In-Wall Subwoofer Enclosure Features

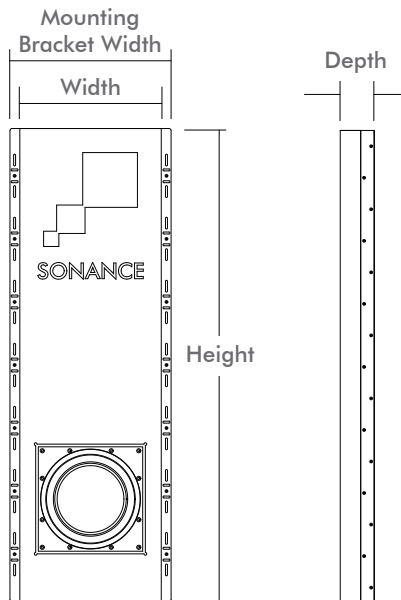
- Combination of .5" and 1" MDF
- Extruded aluminum bracing for minimal obstruction of airflow inside the enclosure
- Mass damping of front and back walls of enclosure
- Long strand fiberglass internal damping for standing wave dissipation
- Dual positive and negative terminals for maximum wire durability
- Floating enclosure design to minimize vibration transfer to adjoining rooms
- Fits in standard 2 x 4 stud bay
- Blank pre-construction plate for easy installation

Sonamp DSP Amplifiers

- Capable of driving two subwoofers
- Comes with DSP designed specifically for the VP10SUB NC & VP12SUB NC
- DSP 2-150 - 1U half rack space saving design
- DSP 2-750 - 2U rack space

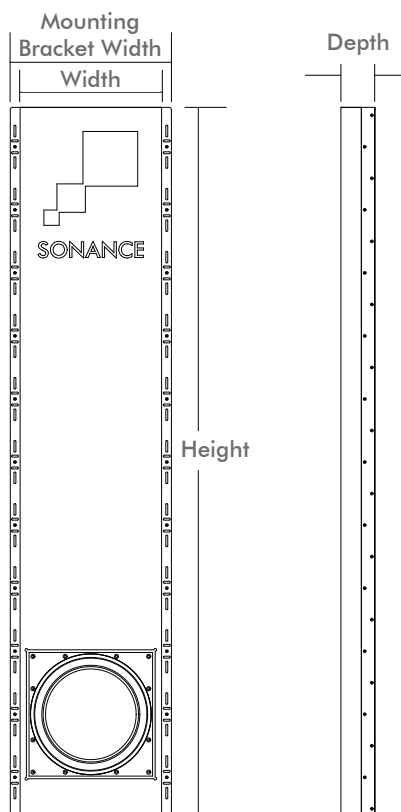
VP10SUB NC Enclosure Specifications

Width:	14 1/4" (362mm)
Height:	47 1/4" (1,200mm)
Depth:	3 7/16" (87mm)
Mounting Depth:	3 3/8" (86mm)
Mounting Bracket Width:	16 1/4" (410mm)



VP12SUB NC Enclosure Specifications

Width:	14 1/4" (362mm)
Height :	70 7/8" (1,800mm)
Depth:	3 7/16" (87mm)
Mounting Depth:	3 3/8" (86mm)
Mounting Bracket Width:	16 1/4" (410mm)



**VP10SUB NC****VP12SUB NC****SPECIFICATIONS**

SKU	92872	92873
UOM	Each	Each
Woofer	10" (254mm) laminated carbon fiber cone with a rubber surround	12" (305mm) laminated carbon fiber cone with a rubber surround
Frequency Response	30Hz - 250Hz \pm 3dB	25Hz - 250Hz \pm 3dB
Impedance	8 ohms nominal	8 ohms nominal
Power Handling	5 watts minimum / 250 watts maximum	5 watts minimum / 500 watts maximum
Requirement	Requires VP10SUB NC acoustic enclosure, sold separately. Requires Sonamp DSP 2-150 amplifier, sold separately	Requires VP12SUB NC acoustic enclosure, sold separately. Requires Sonamp DSP 2-750 amplifier, sold separately
Sensitivity	88dB SPL (2.83V/1 meter)	90dB SPL (2.83V/1 meter)
Grille	Perforated steel	Perforated steel
Dimensions Woofer (W x H x D)	10 7/16" x 10 7/16" x 3 5/32" (265mm x 265mm x 80.2mm)	12 3/8" x 12 3/8" x 3 5/32" (314mm x 314mm x 80.2mm)
Dimensions Grille (W x H x D)	13 1/16" x 13 1/16" x 5/32" (332mm x 332mm x 4mm)	15" x 15" x 5/32" (381mm x 381mm x 4mm)
Shipping Weight	18 lbs (8.2kg) each	19 lbs (8.6kg) each

**VP10SUB NC Enclosure****VP12SUB NC Enclosure****SPECIFICATIONS**

SKU	92874	92875
UOM	Each	Each
Internal Volume	.80 cubic feet (22.6 liters) of volume	1.20 cubic feet (34.3 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the VP10SUB NC only	Fits the VP12SUB NC only
Enclosure Dimensions (W x H x D)	14 1/4" x 47 1/4" x 3 7/16" (362mm x 1200mm x 87mm)	14 1/4" x 70 7/8" x 3 7/16" (362mm x 1800mm x 87mm)
Mounting Depth	3 3/8" (86mm)	3 3/8" (86mm)
Mounting Bracket Width	16 1/4" (410mm)	16 1/4" (410mm)
Hardware	Integrated L-bracket mounting system included	Integrated L-bracket mounting system included
Shipping Weight:	61 lbs (28kg) each	90 lbs (41kg) each



SPECIFICATIONS

DSP 2-150

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)



SPECIFICATIONS

DSP 2-750

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)



VP New Construction Systems

VP10SUB NC SYSTEM 120V
(2 SUBWOOFERS, 2 ENCLOSURES
& 1 SONAMP DSP 2-150 AMPLIFIER)
(Each)

92897



VP12SUB NC SYSTEM 120V
(2 SUBWOOFERS, 2 ENCLOSURES
& 1 SONAMP DSP 2-750 AMPLIFIER)
(Each)

92896



VP10SUB NC, VP10SUB NC ENCLOSURE, VP12SUB NC AND VP12SUB NC ENCLOSURE LIMITED LIFETIME 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 the life of the Product, except for the grille, which is warranted for five (5) years. Sonance will at its option and expense either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

SONAMP DSP 2-150 AMPLIFIER AND SONAMP DSP 2-750 AMPLIFIER 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 the life of the Product, which is warranted for two (2) years. Sonance will at its option and expense either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

Please visit our website and owner's e-Manual for complete warranty and exclusion information.



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Due to continuous product improvement, all features and specifications are subject to change without notice.

For the latest Sonance product specification information visit our website: www.sonance.com

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