

VISUAL PERFORMANCE® SERIES



VP10SUB NC
VP10SUB NC ENCLOSURE
VP10SUB NC AMPLIFIER

VP12SUB NC
VP12SUB NC ENCLOSURE
VP12SUB NC AMPLIFIER

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



VP10SUB NC AMPLIFIER



VP12SUB NC



VP12SUB NC ENCLOSURE



VP12SUB NC AMPLIFIER

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 feature Class D output stage, line, and speaker level high pass filtering and are designed specifically to the VP10SUB NC and VP12SUB NC drivers and enclosures. Each amplifier is capable of driving up to two woofers. The VP10SUB NC extends down to 30Hz and using the matching VP10SUB NC amplifier, is capable of producing 108dB of output at 1 meter. The VP12SUB NC extends down to 25Hz and using its matching VP12SUB NC amplifier, will produce 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 Digital Amplifier Features

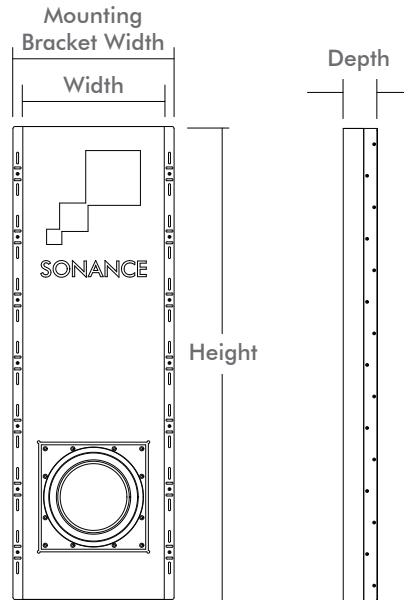
- Capable of driving two woofers
- Class D output stage
- Line and speaker level high pass filtering
- Designed specifically for the VP10SUB NC and VP12SUB NC drivers and enclosures

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

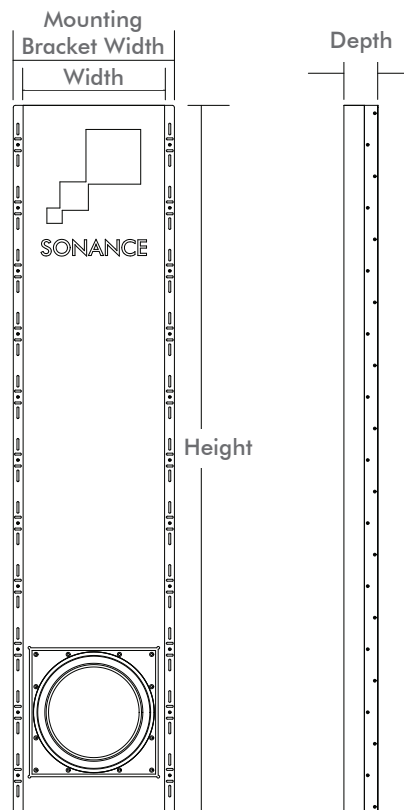
VP10SUB NC Enclosure Specifications

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)



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

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 ±3dB	25Hz - 250Hz ±3dB
Impedance	8 ohms nominal	8 ohms nominal
Requirement	Requires Cinema SUB10-250 acoustic enclosure, sold separately. Requires Cinema SUB10-250 amplifier, sold separately	Requires Cinema SUB10-250 acoustic enclosure, sold separately. Requires Cinema SUB10-250 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

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

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

10SUB NC Amplifier

12SUB NC Amplifier

SKU	92876	92877
UOM	Each	Each
Output Power RMS:	230 Watts @ 8 ohms (1% THD, 32hz) 370 Watts @ 4 ohms (1% THD, 32hz)	400 Watts @ 8 ohms (1% THD, 26hz) 660 Watts @ 4 ohms (1% THD, 26hz)
Output Power Peak:	260 Watts @ 8 ohms (7% THD, 32hz) 470 Watts @ 4 ohms (8% THD, 32hz)	446 Watts @ 8 ohms (4% THD, 26hz) 776 Watts @ 4 ohms (6% THD, 26hz)
AC Fuse:	120v Model - 8 amp (T8A - 250V) 230v Model - 6.3 amp (T6.3A - 250V)	120v Model - 12 amp AL-250V 230v Model - 8 amp AL-250V
AC Power Consumption:	588w @ 4 ohms (sine wave, full power) 396w @ 4 ohms (music, full power) 22w idle (no signal)	985w @ 4 ohms (music, full power) 564w @ 4 ohms (music, full power) 45w idle (no signal)
Heat Output:	102 BTU/HR @ 8 ohms (music, full power) 183 BTU/HR @ 4 ohms (music, full power)	183 BTU/HR @ 8ohms (music, full power) 285 BTU/HR @ 4ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/ 22kHz A-wtg. Filter)	-95dB (w/ 22kHz A-wtg. Filter)
Line Input Impedance:	600 ohms	600 ohms
Line Output Impedance:	600 ohms	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq:	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave (BYPASS Switch ON): 250Hz (fixed), 12dB/octave	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave (BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, Phase switch, Bypass switch	Variable crossover freq and output level, Phase switch, Bypass switch
Dimensions (WxHxD):	16 3/4" x 3 7/8" x 13 1/2" (425mm x 98mm x 343mm)	16 3/4" x 3 7/8" x 13 1/2" (425mm x 98mm x 343mm)
RMF Dimensions (WxHxD):	19" x 3 7/8" x 13 1/2" (483mm x 98mm x 343mm)	19" x 3 7/8" x 13 1/2" (483mm x 98mm x 343mm)
Rack Space Requirement:	2U, Rack Ears included	2U, Rack Ears included
Certifications:	ETL, CE, C-Tick, FCC	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each	19 lbs (8.6kg) each

Associated Products

SMALL ROUND VP4R BPC (Each)	92868		MEDIUM ROUND VP6R BPC (Each)	92870	
SMALL SQUARE VP4S BPC (Each)	92869		MEDIUM SQUARE VP6S BPC (Each)	92871	
A150 SUB AMPLIFIER FOR BPS-1 SUBWOOFER (Each)	92476		A150 SUB AMPLIFIER FOR BPS-1 SUBWOOFER 230V (Each)	92477	
VP10SUB NC ENCLOSURE (Each)	92874		VP12SUB NC ENCLOSURE (Each)	92875	
VP10SUB NC AMPLIFIER 120V (Each)	92876		VP12SUB NC AMPLIFIER 120V (Each)	92877	
VP10SUB NC AMPLIFIER 230V (Each)	92878		VP12SUB NC AMPLIFIER 230V (Each)	92879	
VP10SUB NC SYSTEM (2 SUBWOOFERS, 2 ENCLOSURES & 1 AMPLIFIER) (Each)	92897		VP12SUB NC SYSTEM (2 SUBWOOFERS, 2 ENCLOSURES & 1 AMPLIFIER) (Each)	92896	
VP10SUB NC SYSTEM 230V (2 SUBWOOFERS, 2 ENCLOSURES & 1 AMPLIFIER) (Each)	92898		VP12SUB NC SYSTEM 230V (2 SUBWOOFERS, 2 ENCLOSURES & 1 AMPLIFIER) (Each)	92899	

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



©2013 Sonance. All rights reserved.

Sonance, Visual Performance and Roto-Lock, are registered trademarks of Dana Innovations.

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

SONANCE • 212 Avenida Fabricante • San Clemente, CA 92672-7531 USA

(800) 582-7777 or (949) 492-7777 • FAX: (949) 361-5151 • Technical Support: (800) 582-0772

www.sonance.com