

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

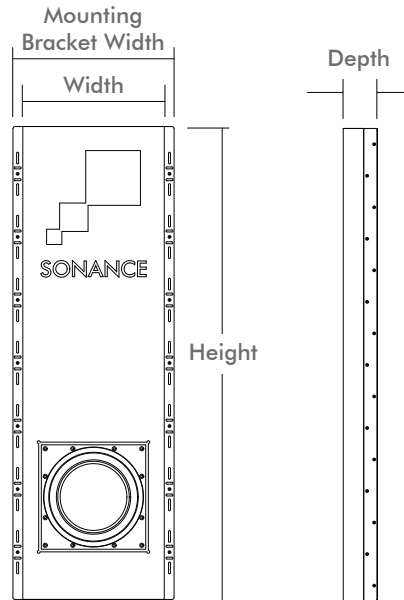
- Combination of .5" and 1" MDF
- Extruded aluminum bracing for minimal obstruction of airflow inside the enclosure
- Mass damping of front and back walls of enclosure
- Long strand fiberglass internal damping for standing wave dissipation
- Dual positive and negative terminals for maximum wire durability
- 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

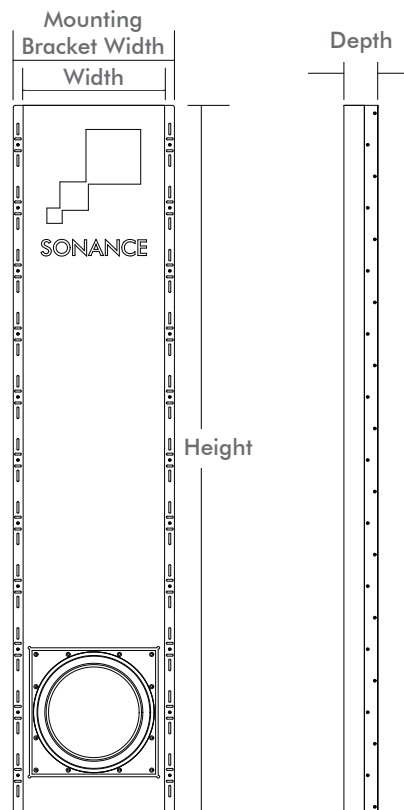
VP10SUB NC Enclosure Specifications

| | |
|-------------------------|-------------------|
| 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) |





SPECIFICATIONS

VP10SUB NC

VP12SUB NC

| | | |
|----------------------------------|---|---|
| SKU | 92872 | 92873 |
| UOM | Each | Each |
| Woofers | 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 |
| 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 |



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

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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