

VM-1



RS-1BB

RS-2BB



VM-1, This 12 inch concentric design is a super compact vocal foldback monitor. Since the VM-1 has a 12 inch low frequency driver and does not contain a separate high frequency device, it has the smallest footprint and lowest profile. The result is the most compact stage monitor in the TOC™ line.

Concentric speaker design combined with the ideal phase response produced by Time Offset Correction (TOC™) and equalization makes the VM-1 a high definition monitor and allows much higher gain before feedback.

The VM-1 features:

- Concentric 12" loudspeaker.
- Extended high frequency 1" compression driver.
- Passive dividing network with Time Offset Correction (TOC™) and equalization.
- Baltic birch cabinet.
- Foam backed steel grille.
- Recessed handles.
- Pole mount.
- Super compact enclosure for improved sight lines..

VM-1 Specifications:

Frequency Response: 60 to 16kHz

*Power Rating: *300 watts*

Nominal Impedance: 8 ohms

Sensitivity (1w/1m): 99 dB

*Maximum SPL: 124 dB @ 1meter
(@ rated power)*

*Nominal Coverage Angles:
40° H x 60° V, above 2 kHz*

Crossover Frequency: 1.2 kHz

L.F. Driver: CX-1280C

H.F. Driver: DE 45/8

Input Connectors: 2 x NLA

Dimensions:

18" H x 14.5"W x 15.5"D

Weight: 50 lbs

RS-1BB, This Subwoofer is essentially the low frequency section of an RS-1. Dual 15 inch long excursion woofers are used to supplement RS-1s in systems requiring additional low frequency power in arrays. In the identical physical package as an RS-1 it can also be used to complement FT-1s or SW-1s when they are used in full range systems.

The RS-1BB is particularly useful in flown systems when subwoofers cannot be placed on the floor.

The RS-1BB features:

- Dual 15" woofers for extended low frequencies.
- Baltic birch cabinet construction.
- Foam backed steel grille
- Recessed handles.
- Fly hardware (anchor plate or optional truss array w/steel reinforcement.
- Compact enclosure design for ease in installation.

RS-1BB Specifications:

Frequency Response: 40 to 1kHz

*Power Rating: *800 watts*

Nominal Impedance: 4 ohms

Sensitivity (1w/1m): 99 dB

*Maximum SPL: 128 dB @ 1meter
(@ rated power)*

Drivers: 2 x HL-1580CNP

Input Connectors: 2 x NLA

Dimensions:

35.35" H x 17.25"W x 24"D

Weight: 101 lbs

RS-2BB, This subwoofer is a higher powered version of the RS-1BB. It uses 4" voice coil 15 inch long excursion woofers and is used with RS-1.2s or RS-2.2s in systems requiring additional low frequency power in arrays. It can also be to compliment the smaller 1.2 and 2.2 cabinets when they are used in full range systems.

Like the RS-1BB, the RS-2BB can also be used in flown systems when subwoofer cannot be placed on the floor.

The RS-2BB features are similar to the RS-1BB with this difference.

- It contains dual 4 " voice coil 15" woofers.

RS-2BB Specifications:

Frequency Response: 40 to 1kHz

*Power Rating: *1000 watts*

Nominal Impedance: 4 ohms

Sensitivity (1w/1m): 100 dB

*Maximum SPL: 129 dB @ 1 meter
(@ rated power)*

Drivers: 2 x HL-2580CNP

Input Connectors: 2 x NLA

Dimensions:

35.35" H x 17.25"W x 24"D

Weight: 107 lbs

Due to limitations of the passive dividing networks the long term average power rating of the VM-1 is limited to 200 watts (40 volts into 8 ohms). This in no way affects their transient capabilities. PAS recommends amplifiers that produce at least twice this power (400 watts into 8 ohms) for these cabinets.

