

vantec 18A

Powered subwoofer system



- » High output 18LX loudspeaker
- » Ultra lightweight Class D amplifier with SMPS
- » Two balanced inputs with stereo filtered outputs
- » Filtered output defeat switch
- » Variable 80-125 Hz low-pass filter
- » Pole mount socket

The Vantec 18A is a powered subwoofer system designed to provide extended bass response for the Vantec full-range cabinets.

gain control and polarity reverse increase user control over the system.

A 2000 Wpeak advanced Class D amplifier drives a D.A.S. 18LX long excursion loudspeaker which incorporates a 4" voice coil for high power handling and output.

A standard 35 mm pole mount socket allows the Vantec 18A to be used with satellite systems.

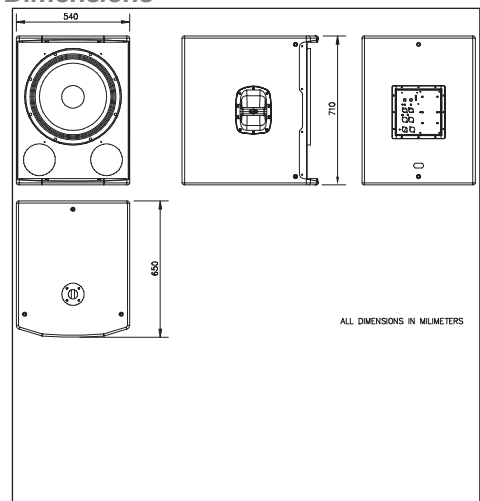
The subwoofer system includes two balanced inputs with stereo 100 Hz filtered output connections for Vantec satellite systems. The high pass filter can be defeated to offer stereo "loop thru" connections.

A variable low pass filter ranging from 80 Hz to 125 Hz,

Technical Specifications

Power Amplifier	2000 Wpeak (Class D)
Input Type	Balanced Differential Line
Input Impedance	20 kohms
Sensitivity ¹	3 V (+12 dBu)
On-axis Frequency Range (-10 dB)	Loud: 35 Hz - 125 Hz Deep: 30 Hz - 125 Hz
Maximum Peak SPL at 1 meter	134 dB
Enclosure Material	Birch Plywood
Finish	Black Paint
Transducers/Replacement Parts	18LX / GM 18LX
Connectors	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 FCB
AC Power Requirements	115 V, 3 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz
Dimensions (H x W x D)	71 x 54 x 65 cm 28 x 21.3 x 25.6 in
Weight	36 kg (79.2 lb)
Accessories (optional)	ANL-2 TRD-2 TRD-6

Dimensions

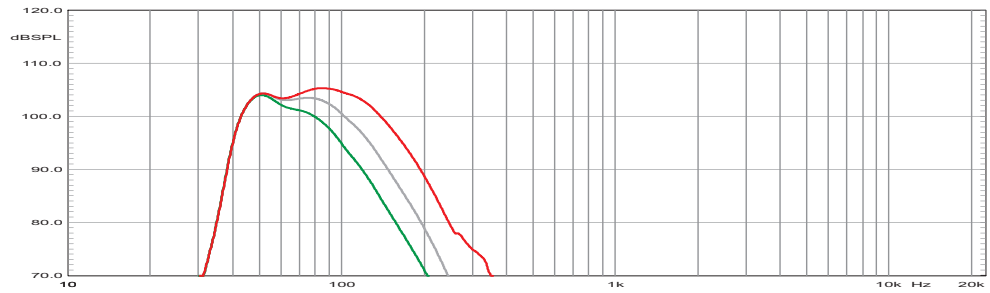


1. Level control at 0 dB.

Frequency Response

(Loud EQ)

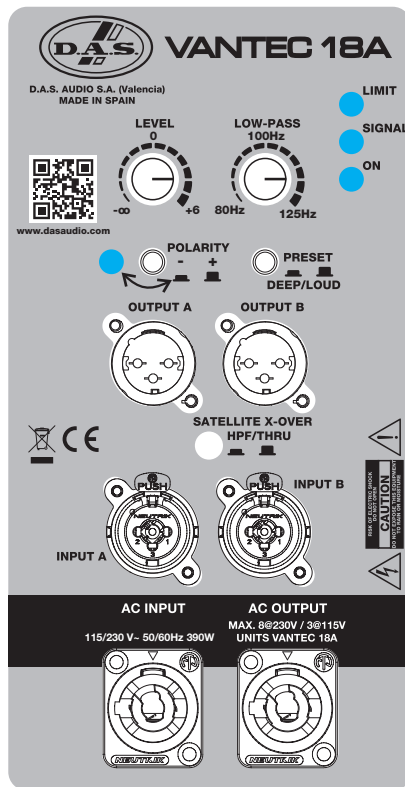
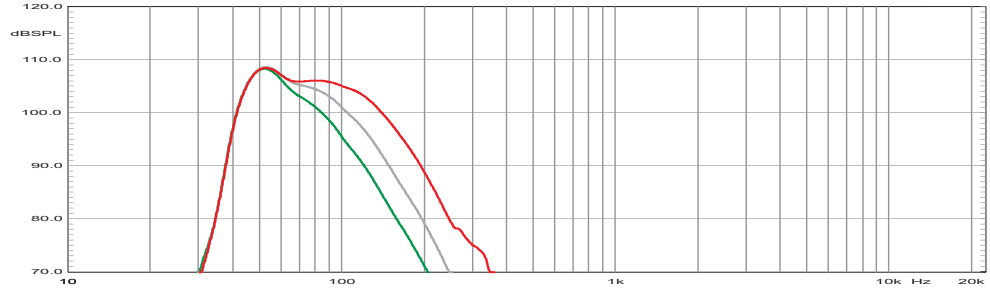
Shows the frequency response at 30 cm of a unit radiating to an anechoic environment and driven by a swept sine wave signal (-20 dBu input; gain set up at 0 dB). Red: LPF 125 Hz. Grey: LPF 100 Hz. Green: LPF 80 Hz.



Frequency Response

(Deep EQ)

Shows the frequency response at 30 cm of a unit radiating to an anechoic environment and driven by a swept sine wave signal (-20 dBu input; gain set up at 0 dB). Red: LPF 125 Hz. Grey: LPF 100 Hz. Green: LPF 80 Hz.



Vantec 18A input and control panel

NOTES. Frequency response: referred to 1 m; low end obtained through the use of near field techniques; one-third octave smoothed for correlation with human hearing.

Product improvement through research and development is a continuous process at D.A.S. Audio. All specifications subject to change without notice.