

DM1 System by Blue Acoustic®

**BLUE
ACOUSTIC**

For a data sheet please go to the Information Hub at www.blue-acoustic.com.

The DM1 System is a super compact powered rig capable of operating very successfully at smaller live gigs, for theatre sound systems and for music playback events.

Two way active in overall operation the system is powered using Powersoft DCell504 modules each equipped with it's own comprehensive DSP located in the bass cabinets.

DM205 tops are loaded with dual 5" drivers and a very efficient 1" driver.

DM1B/12 bass units are loaded with a single 12" driver equipped with 2.5" voice coil.

DM205 component specifications

bass units	128mm (5" x 2)
bass unit aes power	120 watts
bass unit voice coil	25mm (1" - 8Ω)
bass unit magnet	ferrite
hf unit exit	25.4mm
hf unit aes power	30w
hf unit voice coil	37mm (1.45" - 16Ω)
hf unit magnet	neodymium
dispersion	90° x 50°
DM205 power	240 watts aes
impedance	4 Ω

DM1B component specifications

bass unit	313mm (12")
bass unit aes power	400 watts
bass unit voice coil	64mm (2.5" - 4Ω)
bass unit magnet	Ferrite
module power (bass)	400 watts aes (@ 4Ω)
module control	factory configured dsp
module presets	4 in total
THD+N	<0.01% 0.1w to full power
damping factor	>1,000 @ 100Hz
crossover centre frequency	120Hz (L/R @ -6dB points)

General specifications.

DM205 + DM1B efficiency 1w/1m	96B
systems spl at rated power	122dB
tml (theoretical max level) *	128dB
frequency response (preset 1)	48Hz - 18.4Khz (± 3dB)

* tml is published for comparative purposes only

Blue Acoustic Finishes

Our range of coatings is still centred around black however, we can now offer a wide range of colours and textures from glass smooth to a heavy splatter.

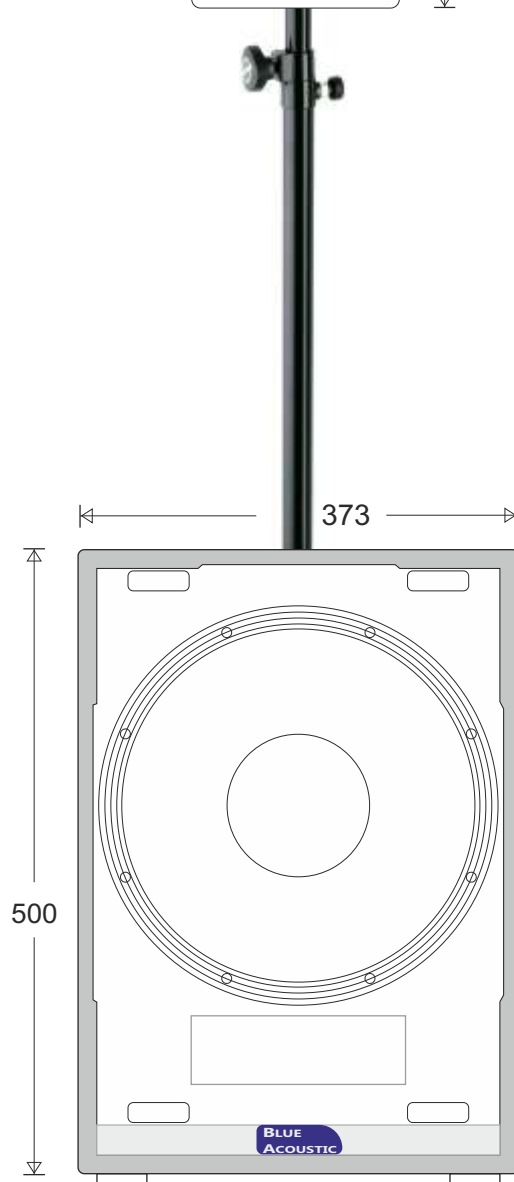
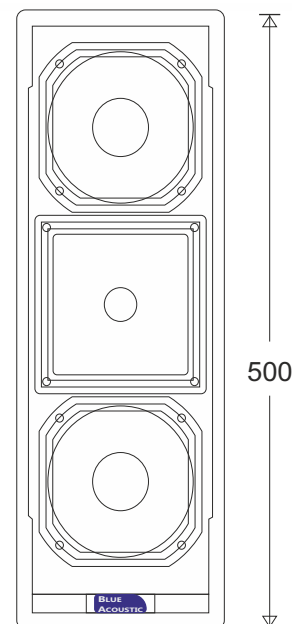
For installation we can offer water based coatings whilst for touring purposes we have the option of a super tough, long life textured finish.

Blue Acoustic Sales

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Blue Acoustic®; where less is more



DM1 powered system

Preset 1; Runs a nominally flat response above 48Hz (-3dB). For general purpose PA and Music playback this setting would be an ideal starting point.

Preset 2; This preset has a modest 1.6dB dip over three octaves centred around 1.67KHz and has been found to be useful when MP3 signals are used.

Preset 3; Designed for a broader frequency response at lower output levels for church, theatre and AV use.

Preset 4; Similar to Preset 3 it also has the modest mid dip as used in Preset 2 centred around 1.67KHz which has been found to be useful when MP3 signals are used.

