

Music all the way with the all new DG3 but, open the mic' channel on your desk and get yet another surprise.

With the Blue Acoustic DG3 we're talking efficiency with smoothness, accuracy and extension.

These are attributes offered by few other competitor's models at the DG3's competitive price.

Easily handled using any of the three handles (two on the sides and another at the top) the DG3 also sports a dual angle stand mount adaptor.

Built from birch plywood throughout and with a total absence of flimsy plastic parts the DG3 will effortlessly front your gigs night after night; year after year.

As an advantage the DG3 is loaded with standard but high quality components which, in the unlikely event of a failure, are available world wide from suitable distributors.

Use the DG3 with the powered DM3B 18" bass unit to form the amazing DM3 System. (More news on the DM3B soon).

## Component specifications.

bass unit	390mm (15") dual roll surround
bass aes power	400 watts
voice coil	77mm (3") 4Ω
magnet	neodymium
hf unit exit	25.4 mm (1") 8Ω
hf unit aes power	80 watts
voice coil	44mm (1.73")
magnet	neodymium
Mid/HF Dispersion	80° x 50°

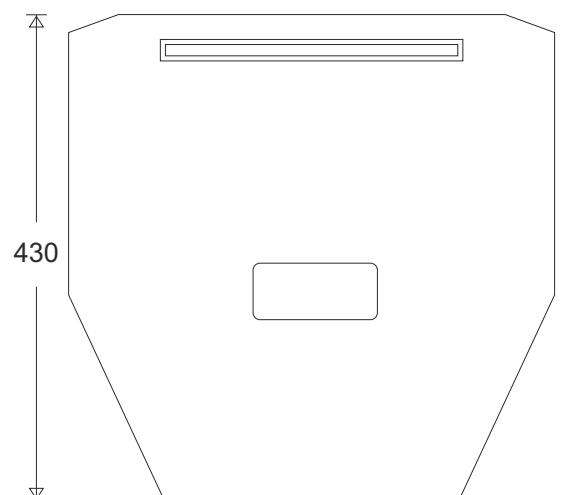
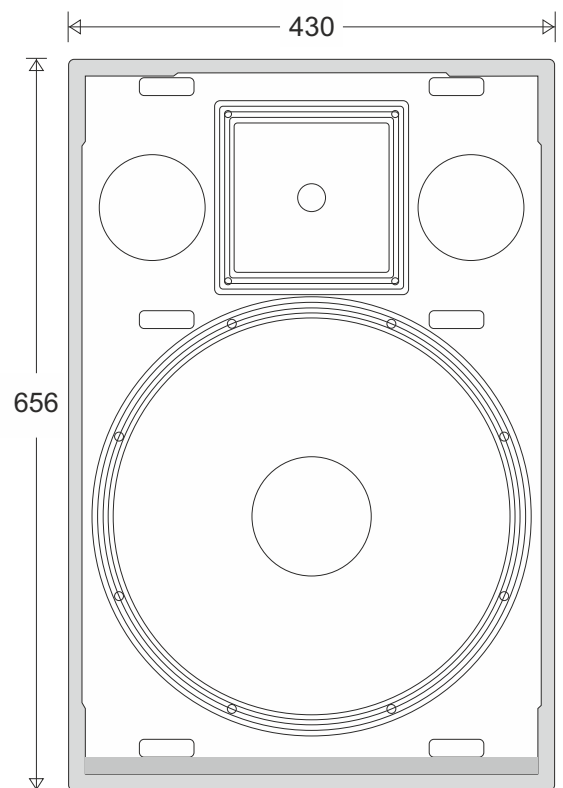
## Cabinet specifications.

handles	3
pole mount	35mm vertical and 5° tilt forward
build material	15mm and 24mm birch ply
LF efficiency 1w/1m	98dB
HF efficiency 1w/1m	109dB
spl at rated power	124 dB
tml (theoretical max level)	130 dB
frequency response	49Hz - 20KHz (± 3dB)
high pass filter settings	see over page
dimensions	656 h x 430 w x 430 d
weight	21 Kgs (55 lbs)
foam behind grille	optional
covers (option)	heavy duty padded slip over

\* tml is published for comparative purposes only

## Module specifications.

number of channels	2
signal input (input and link)	balanced XLR
channel 1 - LF	400 watts selected HP filter to 1,400Hz
channel 2 - MF/HF	80 watts 1,400Hz to 20KHz
damping factor	1,000 @ 100Hz
THD+N	< 0.01% 0.1w to full power
ac power	110 - 240 volts (50-60Hz)
connectors (mains in and link)	Neutrik Powercon



The **DG3** is two-way powered and has a comprehensive DSP unit within its Powersoft module to assist with the ultimate control of the acoustic performance.

This Blue Acoustic **DG3** has four user selectable settings on board which will assist by providing a range of performance options.

These settings are easily selected using the round push button placed beneath the four programme indicator led's at the top left of the amplifier module.

### DG3 Presets.

With the LF and MF/HF bands amplified individually the operational performance of the Blue Acoustic DG3 is more easily predicted.

The four presets operating within the module driving the DG3 have therefore been engineered as follows.

#### Preset One

Full range performance from 45Hz to 20KHz +/- 3dB.

Examples would be Audio-Visual installations, Church installations, band PA and music playback systems.

#### Preset Two

Full range performance from 45Hz to 20KHz +/- 3dB.

Examples would be similar to Preset One with the selected benefit of a smooth 2dB wideband dip in the response centred at 875 Hz.

#### Preset Three

Designed for use with dual 15" bass cabinets in larger venues.

Preset offering performance from 110Hz and 20KHz +/- 3dB.

#### Preset Four

Designed for use with single 18" bass cabinets in larger venues.

Preset offering performance from 100Hz and 20KHz +/- 3dB.

For use with Blue Acoustic 18" bass systems.

### DG3 installation hardware

We have a number of options for the installation of the Blue Acoustic DG3 full range loudspeaker.

The most commonly used brackets are yoke style.

Here, tilt and swivel are available to the installer where the only essential is a secure wall mount position for the bracket.

As an alternative where the installer wishes to provide the support hardware we can insert 10mm nut plates wherever required beneath the cabinet surface.

It is a requirement that at least 250mm of clear air space is maintained at the rear of the DG3 cabinet so that cooling of the heatsink is not impaired.

### Module; rear panel controls



The DG3 will be available before the Spring of 2017.

Specifications shown are based on the use of all drive units and components utilised within the DG3 having been used in previous loudspeaker designs.

The Powersoft 2 channel module is also identical to that used in previous models although the programmes for these models will of course be different.

If you have any questions that you'd like to ask concerning the forthcoming DG3 please email for information.

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