

DV SUB

The DV Sub is an active bandpass design featuring one angled M-Force 301P02 transducer driven by a M-Drive amplifier module coupled with a DSPL ETH, for subwoofer applications.

The box is comparable in size to the ones found in double 18" subs, even though it sounds up to 3 times louder.

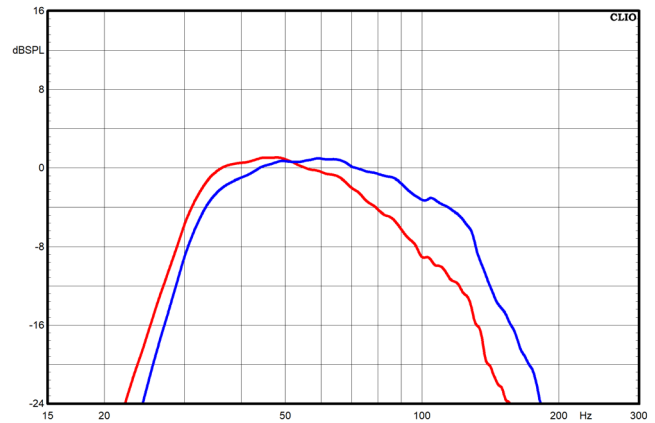
The compact form factor makes it perfect for under-stage installation and it can be stacked to achieve cardioid configurations.

The maximum SPL is measured at 147.8 dB @ 1m (ANSI/CEA2010B), undistorted and long time, being the M-Force power-compression-free by design, while the DPC ensures maximum control over the sub-bass spectrum.

Two presets are available to squeeze the most out of this box: Standard and Punch, each of which is also available to accommodate for cardioid configurations.



Frequency Response (half space)



Acoustic and Mechanical Specifications

Frequency Response - Standard Preset	●	28 Hz - 110 Hz (-10 dB) Half Space
Frequency Response - Punch Preset	●	30 Hz - 140 Hz (-10 dB) Half Space
Dimensions (W x H x D)		1000 x 600 x 1000 mm 39.4 x 23.6 x 39.4 in
Estimated Weight		118 kg*

*Weight may vary depending on construction and accessories.

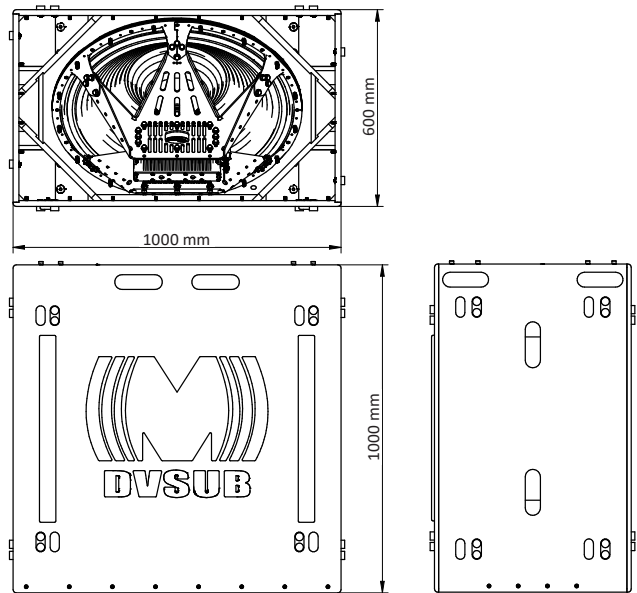
DSP Specifications

AD/DA Converter		24 bit @ 48 kHz
Input Delay		340 ms
Equalizer		Complete parametric equalizers and IIR filters set
Available presets (with full protection)		Standard, Punch, Cardioid Standard, Cardioid Punch
ArmoniaPlus™ remote control environment under Ethernet connectivity		

M-Drive Specifications

V Peak		310 V _{peak}
A Peak		200 A _{peak}
Nominal Power Requirement		AC 100 V - 240 V, 50/60 Hz
Power consumption		745 W @ 115 V 760 W @ 230 V

Dimensions



Bill of Materials

Name	Code	Description
M-FORCE 301P02	PF000605	MF01 MS 30" HDPE 3 MM W
M-Drive amp module	PF000315	M-Drive
DPC Sensor	SM000530	DPC Pressure Sensor
DSP-Lite EM	DSPL005	DSP Lite EM for M Drive
Heatsink for M-Drive	HSOMD001	Heatsink M-Drive kit (with EMC filter, fans, power supply connectors)
USB-RS485 Converter	PC000096	M-Drive programming interface (only one needed for multiple builds)

