

Processed Active Subwoofer

MAIN APPLICATIONS

Permanent installations in:

- Theatres, Concert Halls, Clubs, Places of Worship, Conference Rooms, Indoor Sports, Arenas & Stadiums
- Sound reinforcement for live events:
- Touring, Bands, Orchestras



MAIN FEATURES

- Ground stack direct load subwoofer
- Double 18" (460mm) B&C very high excursion woofer with 4" (100mm) voice coil
- Class D amplifier delivering 4000W RMS with switch mode power supply
- Frequency Response from 30Hz @-6dB
- DANTE audio streaming with 24bit at 48-96KHz on TCP/IP network
- Network interface TCP/IP – AES70 compatible
- OLED DISPLAY and ENCODER with PUSH for easy onboard control
- EtherCon RJ45 input and output for daisy-chain
- 0.7" (18mm) birch plywood enclosure, scratch resistant black paint, 6 handles and heavy duty metal grille with synthetic protection cloth
- M20 top mount stand socket
- Optional 4 swivel-mount 4" (100mm) casters
- Low frequency extension cabinet for the MUSE 210LND line array for ground stacked configurations

DESCRIPTION

MUSE 218SND is a direct radiation ground subwoofer, has two B&C 460mm long excursion speakers with 100mm voice coil and 4000W class D amplification, capable of 148.5dB SPL. The bass-reflex cabinet offers substantial energy up to 30Hz and is ideal for extending and reinforcing the low frequencies of the MUSE 210LND line array in ground-stack configuration.

It has presets to create various configurations with cardioid directivity, where some subwoofers face rearwards from the audience to acoustically cancel the sound pressure behind the cluster, obtaining a reduction of the SPL on the back by over 15dB.

The enclosure, optimized with BEM-type acoustic simulations to reduce resonance and turbulence of the ducts, is built with 18mm birch plywood with six handles and scratch-resistant paint. Reinforced front mesh with protective fabric and provision for optional four swivel-mount 4" (100mm) casters in the rear panel.

The summit of the entire project is the new 4000W amplification module with built-in TCP / IP network interface. Based on AES70 standard (OCA Alliance), it communicates with FBT's "INFINITO management suite" remote control software and receives 24bit 48-96Khz digital audio streaming from all devices compatible with "DANTE" standard. The MUSE 218SND is equipped with intelligent forced ventilation and OLED display with encoder for parameter setting. A high-brightness blue front LED allows remote identification of the device also in daylight.

Type	way	1 Reflex	Input / output NET		NET IN / NET OUT (EtherCon)
Frequency response	@-6dB	30Hz preset dependant	AC power consumption	W	800
Low frequency woofer	inch	2x18" - 4 coil	Power cord	ft/mt	16,4 / 5
Crossover frequency	kHz	preset dependant	Material		wooden cabinet - black finish
SPL max. (cont / peak)	dB	142.5 / 148.5 half-space	Handles		Integrated (3 x side)
Dispersion	HxV	omnidirectional	Net sizes (WxHxD)	inch mm	44,88 x 28,13 x 21,85 1140 x 740 x 555
Built-in amplifier	W	max: 4000 peak: 8000	Transport dimensions (WxHxD)	inch mm	47,24 x 31,49 x 28,74 1200 x 800 x 730
Input impedance	kOhm	22	Net weight	Lb/ Kg	218,25 / 99
Power supply inputs and re-links		PowerCon IN/OUT	Shipping weight	Lb/ Kg	238 with pallet / 108 with pallet
Input connectors		XLR IN / OUT			

INFINITO

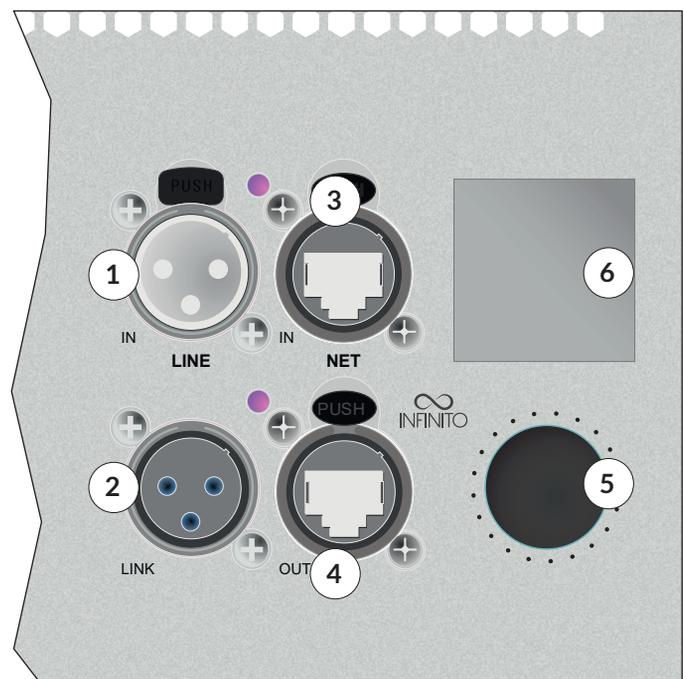
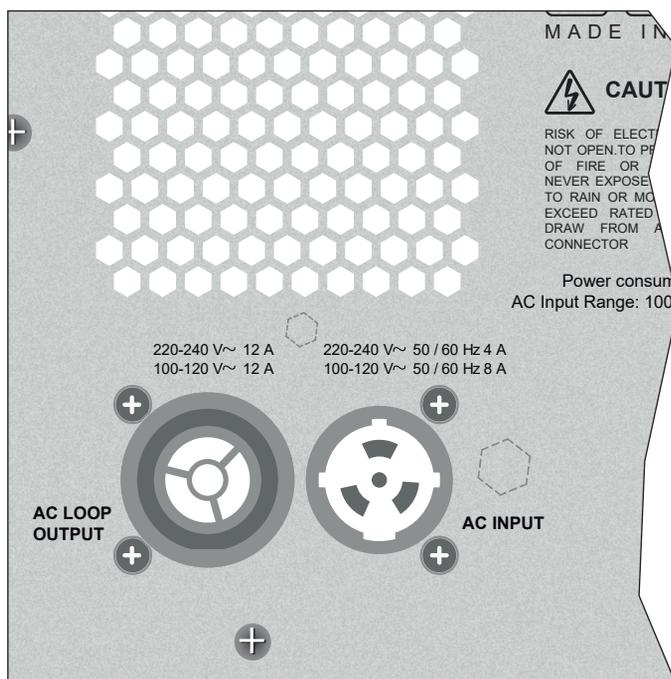


INFINITO is a real revolution in the FBT world that enhance the user experience in a new level of performance and simplicity! It's a Windows software platform totally developed in house by FBT R&D team that offers real time monitoring of the internal sensors and status of connected devices, fast IN/OUT Vu-meters, controls of all the parameters, group management, warnings readout.

More than 100 devices can be connected on the same TCP/IP network with the added convenience of auto IP address assignment.

Download it from our website: www.fbt.it

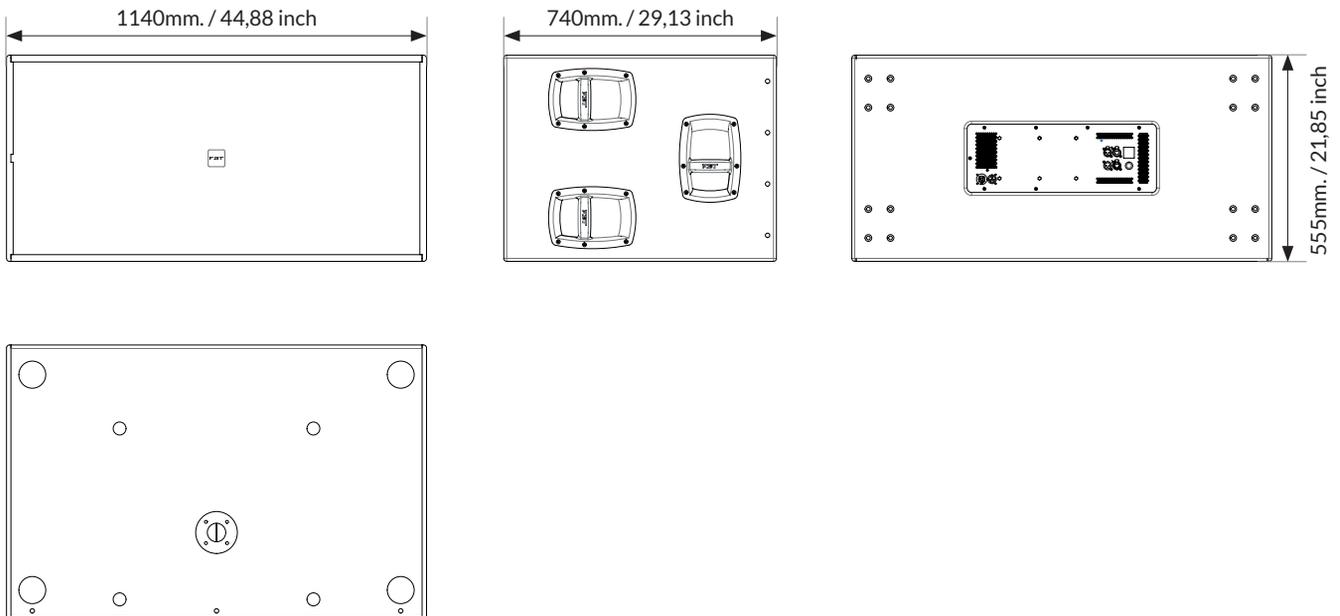
CONNECTION PANEL



1. XLR input
2. Xlr link output
3. Port compatible with EtherCON/RJ45 connectors used for Ethernet network input for remote control and monitoring via INFINITO MANAGEMENT SOFTWARE

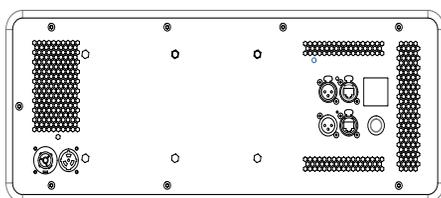
4. Port compatible with etherCON/RJ45 connectors used for the daisy chain output of the INFINITO SOFTWARE MANAGEMENT remote control and monitoring Ethernet network
5. General digital volume to control the level of signal. Press to enter the DSP menu and turn the knob to identify and select the parameters
6. Displaying of menus and DSP settings

DIMENSION DRAWING



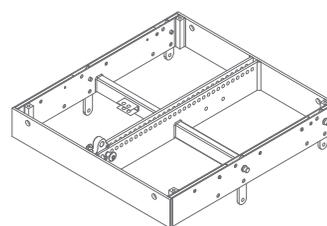
AMPLIFIER MODULE

The FBT MUSE 218SND provides a new "intelligent" forced ventilation 4000W high-efficiency Class D power amplifier with switch mode power supply and TCP/IP network interface.

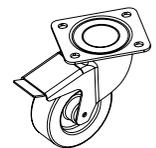


ACCESSORIES

MUSE models feature a suspension system embedded in the bearing structure. The only element to be added (accessories) to realize complete arrays is the MS-F210 flybar for the configuration with subwoofer on top or to ground satellites over the sub.



MS-F210
Flybar



4 Wheels Kit