Processed Active Subwoofer

INFINITO   Dante™

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'' B&C very high excursion woofer with 4'' 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'' 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 218SN-SND 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.

TECHNICAL SPECIFICATIONS

GENERAL

Code	218SN	44598
	218SND	44364
Configuration	way	1 Reflex
Low frequency woofer	inch	2 x 18 - 4 coil
High frequency driver	inch	---

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	30 - preset dependant
MAX SPL (cont/peak)	dB	142.5 / 148.5 half-space
Dispersion	H° x V°	Omnidirectional

INPUTS & OUTPUTS

Power supply connectors		PowerCon IN/OUT
Input connectors		XLR IN/OUT
Input / Output NET		NET IN/OUT (EtherCon)

POWER SUPPLY

AC power requirement	W	800
Power cord	mt	5
	ft	16.4

AMPLIFIER

Buit-in amplifier MAX	W	4000
Buit-in amplifier peak	W	8000
Input impedance	Ohm	22k

MECHANICAL SPECIFICATIONS

Material	Cabinet	0.7" birch plywood
	Grille	Heavy-duty metal
Net dimensions (WxHxD)	mm	1140 x 560 x 740
	inch	44.88 x 22.04 x 29.13
Transport dimensions (WxHxD) with pallet	mm	1200 x 800 x 736
	inch	47.24 x 31.49 x 29
Net weight	kg	100
	lb	218.25
Transport weight with pallet	kg	108
	lb	238

DIMENSIONAL DRAWINGS
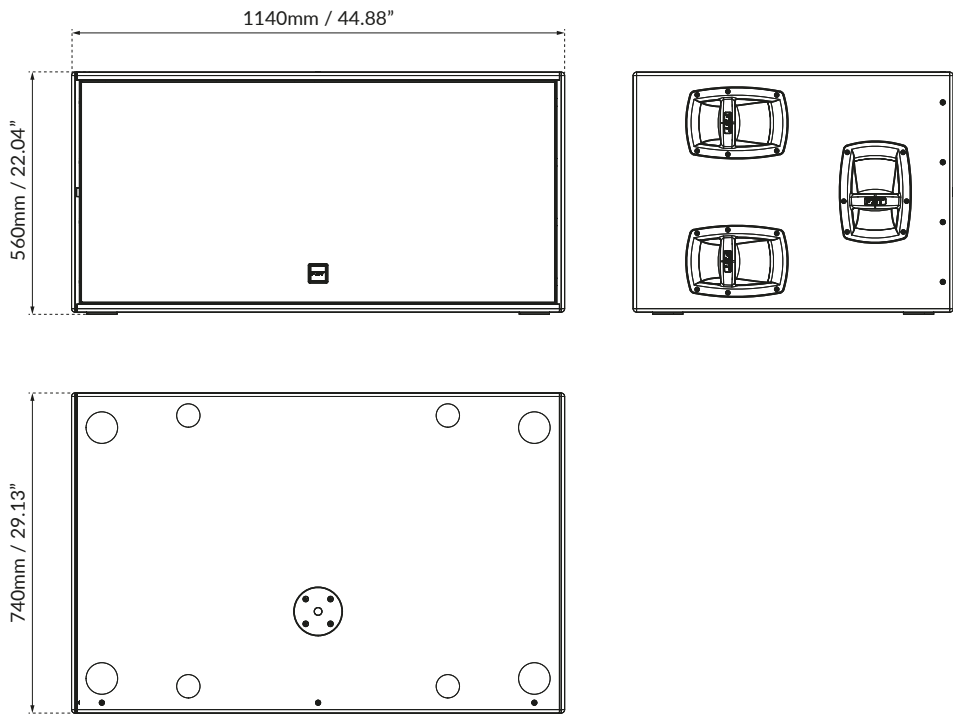
CONTROL PANEL

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

SOFTWARE 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 asignement.

Download it from our website: www.fbt.it
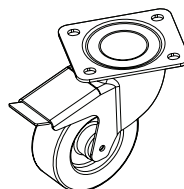
ACCESSORIES
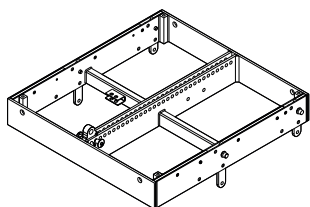
MS-F 210

Flying Bar
Code: 38834

686 x 100 x 652mm
27 x 3.93 x 25.66inch
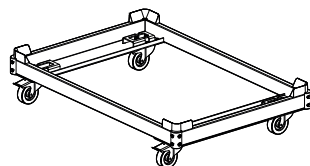30 kg / 66.13 lb

KBW-1004S

4 Wheels Kit with Brake
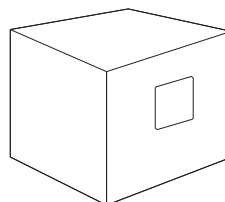Code: 25197

ø100mm
ø4inch
4 kg / 8.81 lb

MS-T 218

Trolley or Ground Stack
Code: 45321

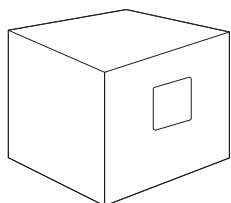1215 x 242 x 854mm
47.83 x 9.52 x 33.62inch
25 kg / 55.11 lb

MS-C 218

Nylon Cover
Code: 45178

1.80 kg / 3.96 lb

MS-CH 218

Nylon Cover
Code: 45177

1.80 kg / 3.96 lb