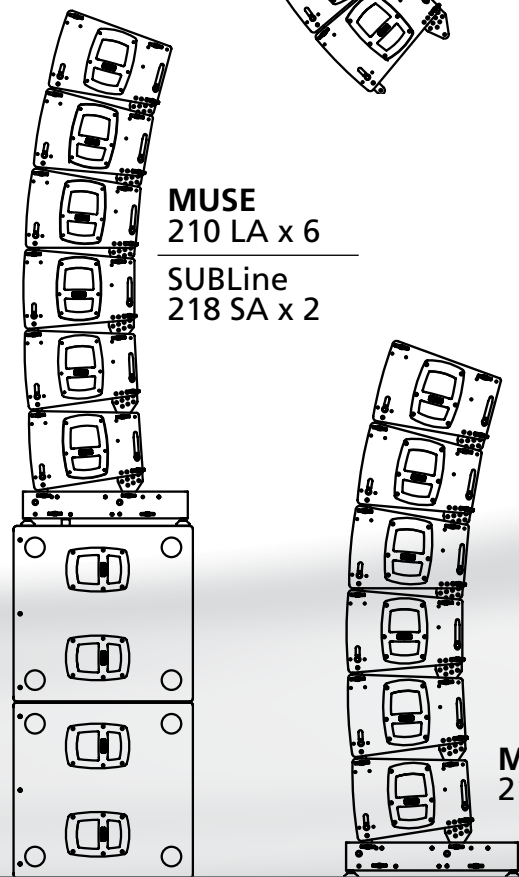**MUSE**
210 LA x 16

MUSE
210 LA x 6

SUBLine
218 SA x 2

MUSE
210 LA x 6

True modularity means
that MUSE is ready for
any application, from
a small installation using
two enclosures to a
large outdoor concert
deploying 16 speakers
per hang.

Model		MUSE 210LA	SUB LINE 218Sa
Configuration	way	2	1
Built-in amplifier cont. rms LF/HF	W	400/200	900
Built-in amplifier max. rms LF/HF	W	600/300	1200
Built-in amplifier max. peak LF/HF	W	1200/600	2400
Frequency response	@-6dB	55Hz - 20KHz	30Hz - 120Hz
Low frequency woofer	inch	2x10 - 2.5 coil	2x18 - 3 coil
High frequency driver	inch	2 x 1	-
Maximum SPL cont/peak	dB	128 / 135	136 / 140 half-space
Dispersion	H x V	90° x 10° max dependant upon n° of element	omnidirectional
Input impedance	kOhm	22	22
Crossover frequency	kHz	1.1	-
AC Power requirements	VA	640	800
Input connectors		XLR with loop	stereo XLR with loop
Power cord	m / inch	-	7 / 16.4
Net dimensions (WxHxD)	mm / inch	648x290x410 / 25.51x11.41x16.14	970x660x670 / 38.18x25.98x26.37
Net weight	kg / lb	34 / 74.95	81 / 178.57
Transport dimensions (WxHxD)	mm / inch	748x390x510 / 29.44x15.35x20.07	1150x780x800 / 45.27x30.70x31.49
Transport weight	kg / lb	36,5 / 80.46	94 / 207.23

DESIGNED, ENGINEERED
AND MANUFACTURED IN ITALY

MUSE

Precision Coverage
Vertical Active Array

www.fbt.it

A true line array system encompassing advanced technology and refined Italian engineering - these are the principles behind **MUSE**, a new sound reinforcement solution from FBT that redefines the modern line array in terms of power, size, light weight, flexibility and ease of use.
True modularity means that **MUSE** is ready for any application, from a small installation using two enclosures to a large outdoor concert deploying 16 speakers per hang.
Each modular **MUSE** element comprises two 250mm (10") custom-designed woofers with 64mm high excursion voice coils and two custom B&C HF compression drivers with 25mm (1") throat.

T he waveguide, optimised via a series of simulations using BEM finite elements to eliminate distortion, boasts a horizontal dispersion of 90°. It has been designed to present an optimal load to the driver's diaphragm at 800Hz, thereby allowing the propagation of an acoustic wave in the horizontal field up to 18kHz. The resulting enclosure can contend with even the most challenging of physical environments, delivering an ideal cylindrical source, while the acoustic configuration of the central horn offers a particularly linear and symmetric horizontal dispersion.
FBT has also applied its Italian design expertise to the cabinet, creating an enclosure that is equally rugged, practical and stylish.

C onstructed from 15mm Birch plywood, each **MUSE** element incorporates two die-cast aluminium handles and fully integrated hardware to suit any application. Up to 16 **MUSE** enclosures can be flown with ease in a single array, boasting a safety factor of 10:1. Each cabinet can be splayed in 2° increments via simple pin adjustments on the integrated fly-ware, from a minimum of 0° to a maximum of 10°. No matter the application, **MUSE** brings an easy-to-use functionality and elegant aesthetic to every project.
Inside the box, power is courtesy of the convection-cooled, 600 +300 Wrms Class-D amplifier module, housed in a protective, fully sealed die-cast aluminium chassis. Meanwhile the onboard DSP offers a choice of eight presets, allowing users to easily configure their **MUSE** system depending on the curvature of arrays and the number of speakers used.

T o extend the low frequency performance of a **MUSE** system, users can benefit from the matched subwoofer – the **SUBLine 218SA**, which is ideal for ground-stacking. Each **SUBLine 218SA** incorporates two 460mm B&C woofers and a 1200W Class-D amplifier with a switch-mode power supply. Alternatively, **MUSE** can be matched to the MITUS218SA sub, boasting two 460mm neodymium loaded woofers from B&C, and a 2000W switch-mode Class-D amplifier capable of an SPL of 145dB. With its unique focus on modularity and working in conjunction with EASE FOCUS 2 PC software, **MUSE** allows you to build the ideal solution to any sound reinforcement challenge.

MUSE 210 LA

Precision coverage vertical active array
600W + 300W RMS - 135dB SPL

- 2-way, compact bass-reflex line array system
- Two 250mm (10") woofers with 64mm (2.5") voice coils
- Two custom B&C HF compression drivers with 25mm (1") throats
- Precision waveguide delivering 90° of horizontal dispersion up to 18Khz
- Frequency response from 55Hz to 20KHz
- Onboard Class-D bi-amp system delivering 600Wrms and 300Wrms for LF and HF with switch-mode power supplies
- Onboard DSP processor with 8 EQ presets, adjustable HF level of +/- 5db for accurate amplitude shading
- Control panel with XLR input and link, preset control, HF level control, HP-filter and ground lift
- Strong birch plywood cabinet with integrated aluminum handles, hardware and fly-ware offering adjustable angling ranging from 0° to 10° in 2° increments
- Wide range of accessories to offer ultimate flexibility no matter whether your **MUSE** line array system is suspended or ground-stacked, plus a specially designed cover to guard against bad weather

SUBLine 218SA

Processed active subwoofer
1200W RMS - 140dB SPL

- Bass-reflex design Subwoofer
- 2 x 460mm (18") high excursion woofer with 75mm (3") voice coil, custom made for FBT by B&C
- Frequency response from 30Hz to 120Hz
- 1200W RMS Class D power amplifier with switch mode power supply
- DSP with 6 presets, 3 x EQ with 2 x LPF crossover settings, 6-step digital delay line
- Control panel with stereo XLR in/out, Volume. EQ presets, Delay, Phase reversal switch 0°-180°, 3 status LED indicators
- 18mm Baltic birch plywood enclosure with heavy duty coating
- 2 x M20 threads for stand pole mount, 4 x aluminum ergonomic FBT handles, optional wheels
- Provides additional low frequency extension when used along with FBT'S **MUSE 210LA** 2 x 10" active line array system