

TOURING & INSTALL

New

2019



FBT debuts flagship touring sound solution

Myra

MEETING CUSTOMER DEMAND FOR A LARGE-SCALE, POWERFUL TOURING SOUND SOLUTION, FBT IS PROUD TO INTRODUCE THE MYRA AS ITS NEW FLAGSHIP SOUND REINFORCEMENT SYSTEM.

Combining precision sound quality with practical hardware and FBT's characteristic Italian style, **the Myra system comprises the 214L mid/high line array and the 218S subwoofer.** Both are the result of extensive consultation with the industry's leading tour sound companies and an extensive, three year R&D program. Designed without compromise, the Myra establishes a new reference for SPL to size ratio, directivity control, coherence, and ease of use.

At the heart of the **214L line array element is a new coaxial 4-inch voice coil mid-frequency and 2.5-inch voice coil high-frequency driver combination developed in cooperation with B&C, and covering the 400Hz to 20kHz range.**

Combined output from the compression drivers is loaded by a proprietary short path waveguide that ensures low distortion and controlled broadband directivity.

With extended frequency response down to 42Hz, which in most applications avoids the need for flown subwoofers, the 214L's low frequency section employs uniquely sized B&C 14-inch high excursion drive units with 3-inch long excursion voice coils to maintain long throw projection of low frequencies with power and authority.

The cabinet construction typifies FBT's signature **'Made in Italy' production philosophy** – completely fabricated in-house using premium Baltic birch and tour-ready weather-resistant polyurea coating, the 214L is built for a life on the road. **Audio crews will appreciate the intuitive four-point integrated rigging**

system which allows up to 20 cabinets to be flown quickly and easily in any venue with splay angle up to 8° in 1° increments.

The lowest octave of the Myra system is seamlessly reproduced by the companion **218S, a reflex-loaded dual 18-inch subwoofer featuring custom-designed, very long excursion B&C drivers.** Whether deployed in simple ground stacks or distributed cardioid sub arrays, the 218S delivers substantial low frequency energy down to 30Hz, thanks to the ingenious port arrangement which is designed to dramatically reduce turbulence and eliminate non-linearity.

As with the 214L mid/high enclosure, the 218S cabinet benefits from premium Baltic plywood construction and, to ensure long term road-worthiness and all-weather resistance, is protected by a durable polyurea coating. Trucking and handling are made easy by the eight comfortable, ergonomically placed rubber-gripped aluminium bar handles, along with removable heavy-duty casters.



Myra 214L

BI-AMPED LINE ARRAY - 1600W + 640W - 147 DB SPL

- Bi-amplified 3-way line array
- **2 x 356mm (14") custom woofers with 76mm (3") voice coil**
- **2 x Coaxial B&C MF/HF compression drivers with 100mm (4") voice coil MF and 36mm (1.4") throat, 64mm (2.5") coil HF**
- Short path FBT waveguide with **90° horizontal dispersion (vertical dispersion dependent on number of elements and array curvature)**
- Frequency response from 42Hz to 20kHz
- Neutrik® speakON™ input and link connectors
- Cabinet in premium grade Baltic birch plywood with polyurea coating
- **Integral 4-point rigging system for suspending up to 20 cabinets with 8° splay angle in 1° increments;** angles can be set while stacks rest in caster frame
- Internal passive MF/HF crossover; only two amplifier channels required



Myra 218S

REFLEX SUBWOOFER - 3000W - 143 DB SPL

- Dual 18" reflex-loaded subwoofer
- **2 x 457mm (18") custom woofers with 100mm (4") voice coils**
- Frequency response down to 30Hz
- Neutrik® speakON™ input and link connectors
- Cabinet in premium grade Baltic birch plywood with polyurea coating
- Curved tuning port for decreased airflow velocity and reduced turbulence
- Optimised vent shape reduces port compression and maintains linearity
- Standard and cardioid presets available



Model		214L	218S
Configuration	way	3	1
Recommended amplifier	W RMS	1600 LF - 640 MF/HF	3000
Long Term power	W	800 LF - 320 MF/HF	1500
Short term power (IEC 268-5)	W	3200 LF - 1280 MF/HF	6000
Nominal impedance	ohm	4 LF - 8 MF/HF	4
Frequency response	6dB	42 Hz - 20Khz	30Hz
Low Frequency woofer	inch	2 x 14 - 3 VC neodimyum	2 x 18 - 4VC
Mid/High frequency driver	inch	2 x 1.4 exit, coax 4 VC MF , 2.5 VC HF	-
Maximum SPL	dB	147	143
Dispersion	H x V	90 x depends on curvature and number of elements	omnidirectional
Splay angle between cabinets		8 deg max (1 deg step)	-
Crossover frequency		-	preset dependent
Input connector		Neutrik NL4	Neutrik NL4
Net Dimension (WxHxD)	mm/inch	950x401x530 / 37,4x15,8x20,9	1340x540x740 / 52,7x21,2x29,1
Net Weight	kg/lb	60/132,3	90/198,4
Transport Dimension (WxHxD)	mm/inch	1050x501x630 / 41,3x19,7x24,8	1440x640x840 / 56,7x25,2x33,1
Transport Weight	kg/lb	70/154,3	100/220,5

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