



MYRA 214L

Line Array Sound Reinforcement System

APPLICATIONS

- Touring sound reinforcement
- Theatres, Stadiums, Concert Halls, Arenas.....
- Ideal for live applications assisted by MYRA subwoofers

FEATURES

- 3-way variable curvature line array system
- Two coax mid/high neodymium compression drivers
- Two 1.4" neodymium LF transducers
- Short path FBT waveguide with 90° horizontal dispersion
- 2 x Neutrik NLT 4MP Speakon INPUT & OUTPUT
- Autolock rigging system
- Cabinet in premium grade Baltic birch plywood and tour-ready weather resistant polyurea coating
- Internal passive MF/HF crossover
- Completely Manufactured in Italy



GENERAL DESCRIPTION

MYRA system is a complete solution for mid to large size touring application and high-end fixed installation. MYRA 214L is a full-range variable curvature 3-way line array module; MYRA 218S is a direct radiating dual 18" subwoofer featuring custom-designed, very long excursion B&C drivers. Designed without compromise, the MYRA establishes a new reference for SPL to size ratio, directivity control, coherence and ease of use. It's the result of an extensive three year R&D program started from scratch to address the challenges of rental companies, FOH and tour sound engineers. The heart of MYRA 214L line array element features two uniquely designed neodymium coaxial compression drivers that combine 4 inch voice coil mid-frequency and 2.5 inch voice coil high-frequency into a 1.4" throat, developed in cooperation with B&C and covering the 400Hz to 20kHz range.

Combined output from the compression drivers are loaded by a proprietary short path and very wide bandwidth waveguide that ensures low distortion and controlled 90° horizontal broadband directivity. With extended frequency response down to 40Hz, which in most applications avoids the need for subwoofers, the MYRA 214L low frequency section employs uniquely sized neodymium 14 inch drive units with 3inch long excursion voice coils and very high BL force factor to maintain complete control on the cone movement and projection of low frequencies.

Conventional 2 x 15" line array systems are commonly used for large events like arena shows, large theatre and festivals, but the size, weight and cost of those systems make them hardly suited for most of the events covered by a standard rental company, that require a system with high application flexibility. The MYRA system breaks the rules, combining the size, weight and flexibility of a compact system with SPL and long throw projection of a large format system.

The cabinet construction typifies FBT's signature "made in Italy" production philosophy, completely fabricated in-house using machined premium Baltic birch and tour-ready weather resistant polyurea coating, the MYRA 214L is built for a life on the road. Tour sound production crews will appreciate the intuitive four-point integrated rigging system which allows up to 24 cabinets to be flown quickly and easily in any venue with splay angle from 0.25° to 8°. To facilitate quicker deployment, MYRA 214L array elements are stacked four per vertical transport cart in a 8-degree collapsed position. An auto-locking internal mechanism makes it easy to set arrays at the desired inter-element angles using selector pins and securely lock all cabinets at the selected angle when lift-up.

The MYRA 214L is bi-amped through a Neutrik NLT 4MP connector, one amp channel for LF and one for the Mid/HF with internal passive crossover. Optimized factory presets for various DSP platforms ensure linearization and protection for all common used system configuration.

PERFORMANCE

System type	3 ways
Recommended amplifier	1600W RMS LF / 600W RMS MF/HF
Long term power	800W LF / 300W MF/HF
Short term power (IEC 268-5)	3200W LF / 1200W MF/HF
Frequency response @ -6dB	40Hz - 20kHz
Nominal impedance	4 Ohm LF / 16 Ohm MF/HF
SPL (peak)	147dB
Dispersion (horizontal)	90°
Dispersion (vertical)	Depends on curvature and N. of elements
Splay angle between cabinets	8° max (0,25°-1°-2°-3°-4°-6°-8° step)

PHYSICAL

Low frequency woofer	2 x 14" (neo) / 3" voice coil
Mid/High frequency driver	1,4" neo coax / 4" coil MF / 2,5" coil HF
Input connectors	Neutrik NL T4MP
Net dimensions (WxHxD)	930 x 400 x 530 mm 36,61 x 15,70 x 20,86 inch
Net weight	61,5 kg / 135,58 lb
Enclosure material	Premium grade Baltic birch plywood Weather resistant polyurea coating
Available in black colour	<input checked="" type="checkbox"/>
Rigging components	High grade steel with anti-corrosion coating



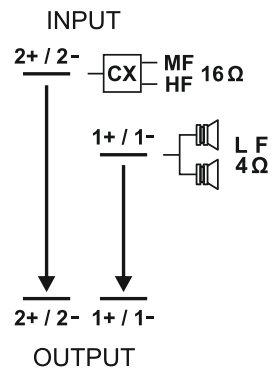
MYRA 214L

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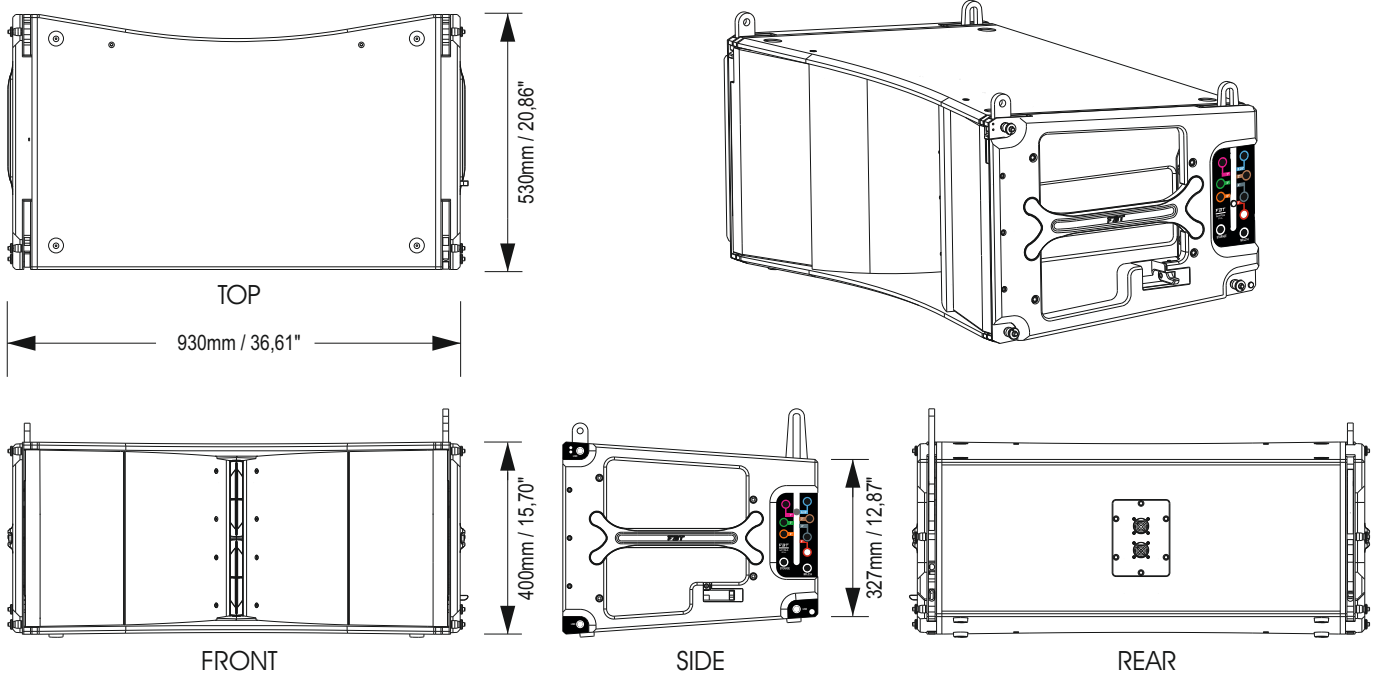
CONNECTION PANEL



WIRED CONNECTION



OVERALL DIMENSIONS



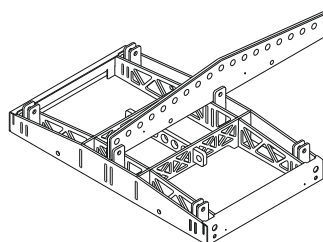


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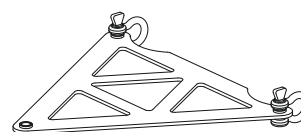
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TRANSPORT & INSTALLATION ACCESSORIES

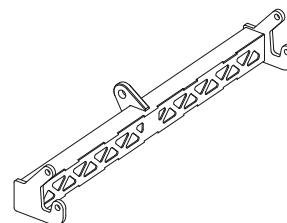
MR-F214
Flybar for flown configurations



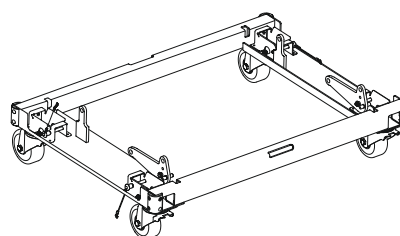
MR-FJ214
Rigging accessory for azimuth adjustment



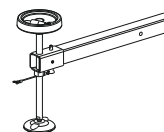
MR-J214
Pull-back compression frame



MR-T214
Dolly transport or ground stack installation



MR-P214
Extension feet for dolly transport



MR-CT214
Top cover

