

TiRAY



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2-way full range line array module

- Ultra compact size
- Unique 5" neodymium planar wave driver
- Dual 5" ultra low distortion cone drivers
- Wide horizontal coverage of 100°
- Vertical curving 0° - 12°
- Superior sound
- Full range capability
- Integrated rigging system for flown or ground stacked arrays
- Multiplex enclosure with Polyurea coating for extreme durability and water protection
- Low frequency extension with the TiLOW bass extension
- System integration with Coda LINUS amplifiers

■ System Components: LINUS System Amplifier, TiLOW, U4

The TiRAY is an ultra compact, passive two-way full range line array module, designed for small venues where high fidelity sound and outstanding intelligibility are required. The system contains two 5" ultra low distortion cone speakers and a 5" neodymium planar wave driver.

Up to 24 units can be arrayed to achieve extreme high levels needed for larger venues. The built-in passive crossover allows multiple modules to be driven with a single channel of the according LINUS DSP amplifier.

An optional TiLOW bass extension can be added for increased low frequency response.

The integrated rigging system allows quick and easy flying or ground stacking. Arrays may be built straight or curved in various angles to obtain the desired vertical coverage.

When used together with the TiLOW bass extension the TiRAY system gives audio companies a flexible system for a wide range of applications in small or medium sized venues.

Options:

Standard RAL colours and weather protection options are available on request.

TECHNICAL SPECIFICATIONS TiRAY

Type:	2-way full range system
Application:	Line array
Frequency response:	70 Hz - 20 kHz (-6 dB)
Power handling AES:	300 W
Sensitivity low:	94 dB
Max. SPL peak low:	124 dB
Sensitivity high:	113 dB
Max. SPL peak high:	139 dB
Dispersion horizont.:	100°
Vertical:	Array dependent, 0°-12° (in steps 0°, 1°, 3°, 5°, 7°, 9°, 12°)
Components:	
Low frequency:	2x 5" neodymium woofers, 1.5" (38 mm) voice coil, 150 W (AES) each
High frequency:	1x 5" neodymium planar wave driver, 1.75" (44.4 mm) voice coil, 80 W (AES)
Crossover point:	950 Hz passive
Nominal impedance:	8 Ω (2+/-2-)
Input connectors:	2x Neutrik™: 1x Input + 1x Link
Enclosure shape:	Horizontal trapezoid 2 x 6°
Enclosure material:	Baltic birch
Finish:	Polyurea coating (water resistant)
Flying hardware:	3-point integrated
Dimensions (WxHxD):	404 x 155 x 253
Net weight:	9.9 kg

System Performance

Array	Frequency Response (-6 dB)	Maximum Peak Output
1 Enclosure	70 - 20000 Hz	124 dB
4 Enclosures	70 - 20000 Hz	136 dB
8 Enclosures	70 - 20000 Hz	142 dB

ACCESSORIES TiRAY

FR-TR	Frame for flying or ground stacking TiRAY and TiLOW
FRT-TR	Compact frame for TiRAY
EXBAR-TR	Extension bar for FR-TR and FRT-TR
SA-TR	Splay Adaptor for TiRAY (Enables connection of TiRAY frames below TiRAY Systems)
CUTi	Compact flying and stacking adaptor for up to 6x TiRAY
CUTi-SF	Standfitting adaptor for CUTi
TGA	Groundstacking and flying adaptor for TiRAY
LP-TR	Laser plate for FR-TR frame
FC-VR	Flight case for 6x TiRAY + accessory storage

RIGGING POSSIBILITIES

