

Install

TKT122

2 Way 12" Full Range Loudspeaker for KTV Applications

- 2 way full range loudspeaker for KTV applications
- Low distortion waveguide with 70° H x 70° V dispersion
- 500 Watts continuous, 2,000 Watts peak power
- High power 12" low frequency driver with low mass voice coil
- PEN dome 1" ferrite motor compression driver
- Precision engineered crossover for maximum performance in the midrange vocal region
- Tweeter overload protection circuit gives uninterrupted performance
- Multiple internal rigging points allow standard bracket mount and suspension in any orientation
- Trapezoidal cabinet shape enables visually unobtrusive installation
- 15 mm (5/8") birch plywood enclosure with hard wearing semi matt black paint finish
- Architecturally styled powder coated perforated steel mesh grille with foam backing
- Integral 35 mm pole mount and handle for portable operation
- Neutrik speakON* NL4 and barrier strip connectors
- 10-Year Warranty Program*
- Designed and engineered in the U.K.

The 2 way full range TKT122 is a 2,000 Watt 12" loudspeaker system designed specifically for KTV applications. Engineered for either permanent installation or portable operation, TKT122's trapezoidal cabinet shape accommodates industry standard mounting brackets, while the 35 mm pole mount and integral carry handle provide additional versatility.



Precision and Detailed Clarity

The TKT122 loudspeaker features a 12" low frequency driver with a low mass voice coil for improved transient response, and a PEN dome 1" ferrite motor compression driver mounted on a 70° horizontal by 70° vertical low distortion waveguide. All drivers are matched with a high-precision passive crossover network that provides maximum performance in the midrange vocal region. The rear panel connector plate carries Neutrik speakON* NL4 and screw terminal barrier strip connectors for quick and convenient wiring.

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Rock Solid Construction

Finished in a highly durable semi matt black paint, the cabinet is constructed from 15 mm (5/8") birch plywood – and includes an architecturally styled powder coated perforated steel mesh grille backed with reticulated foam. Multiple internal rigging points are provided for suspension in any orientation, or mounting with industry standard brackets – available separately.



You Are Covered

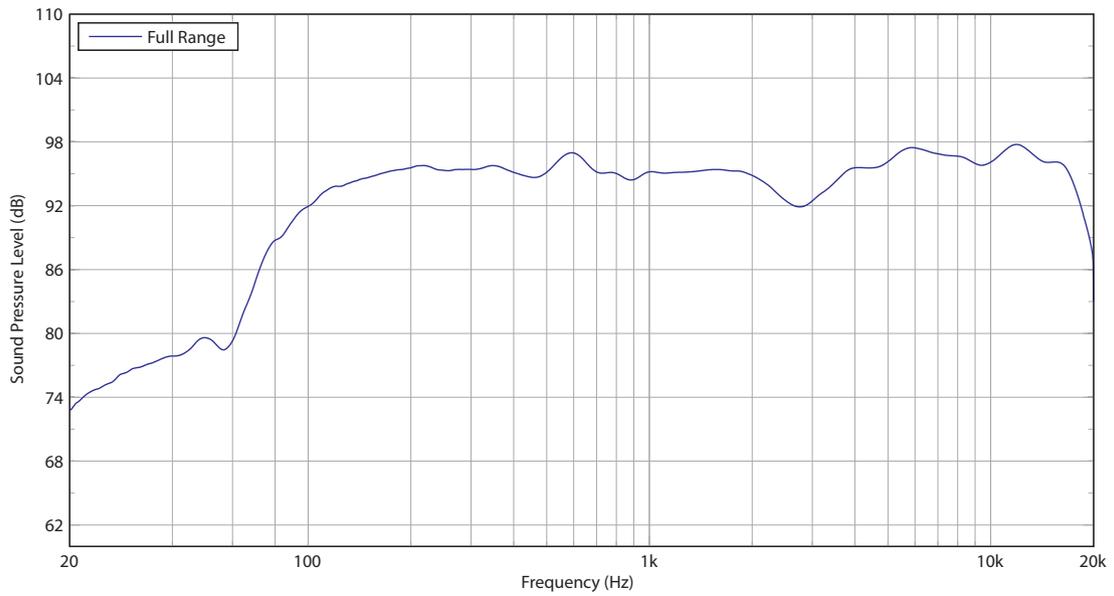
We always strive to provide the best possible Customer Experience. Our products are made in our own Music Tribe factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous Warranty program.

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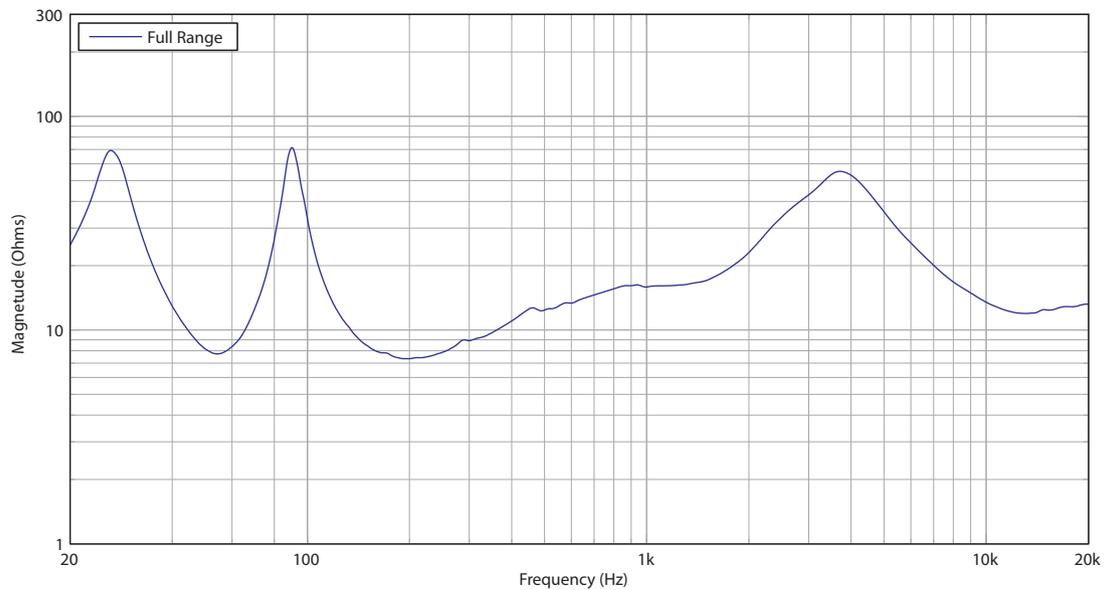
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Frequency Response Sensitivity 1 W / 1 m



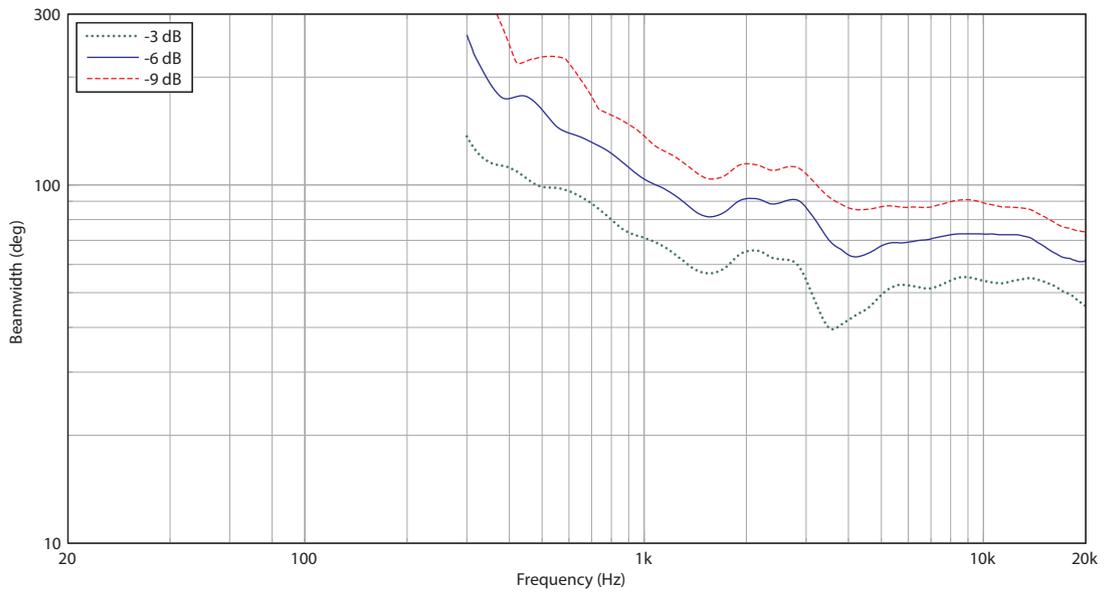
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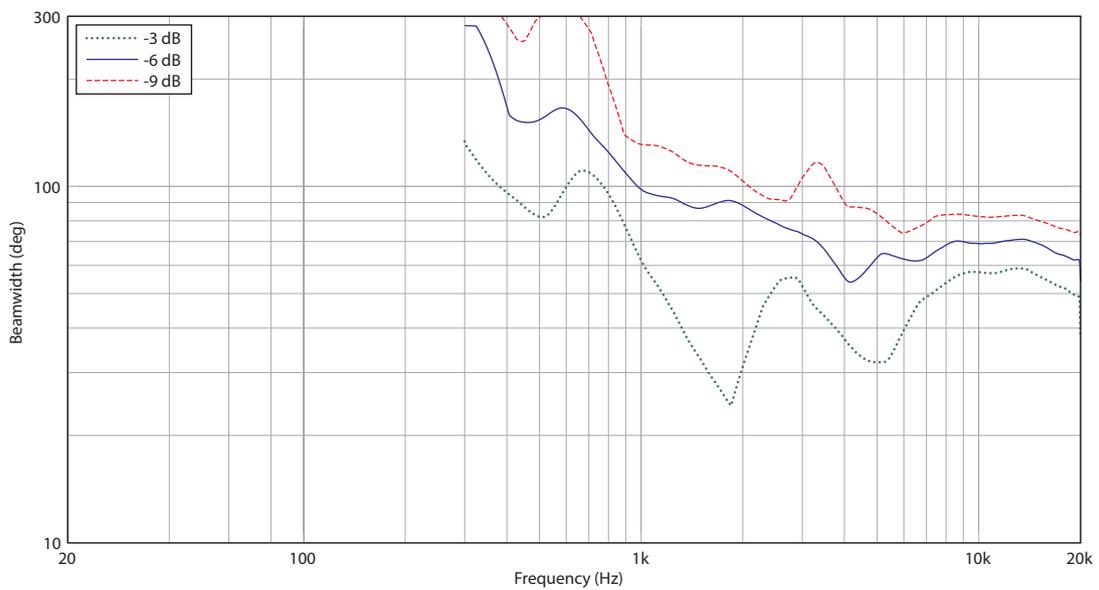
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Horizontal Beamwidth



Vertical Beamwidth

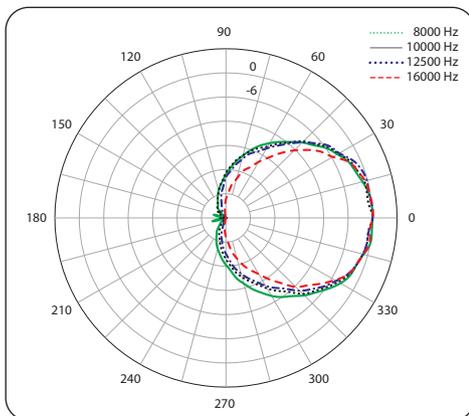
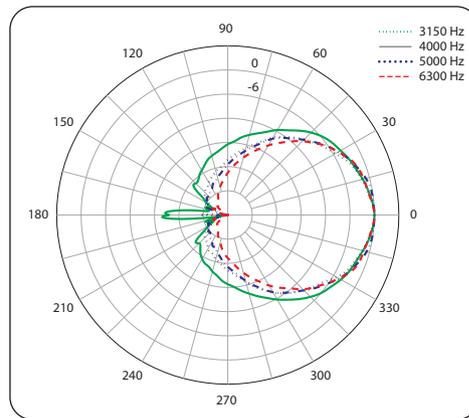
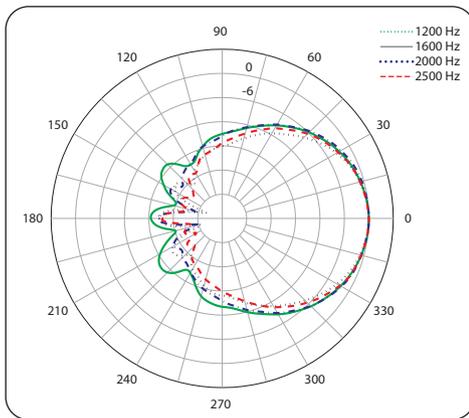
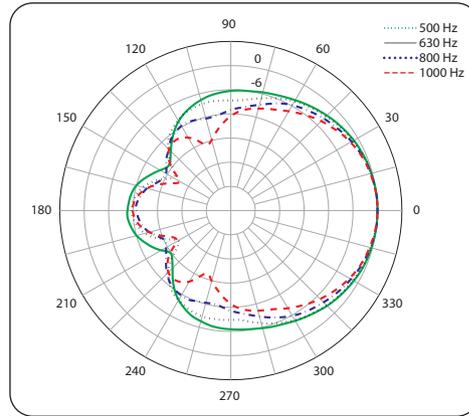
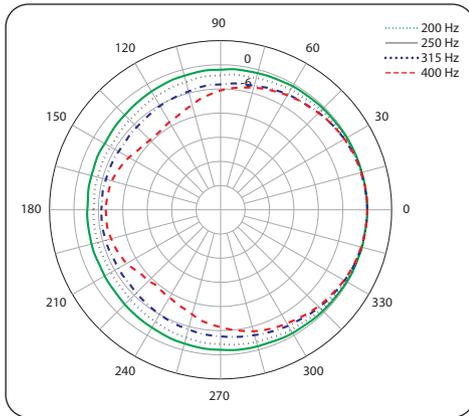


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Horizontal Polar Plots

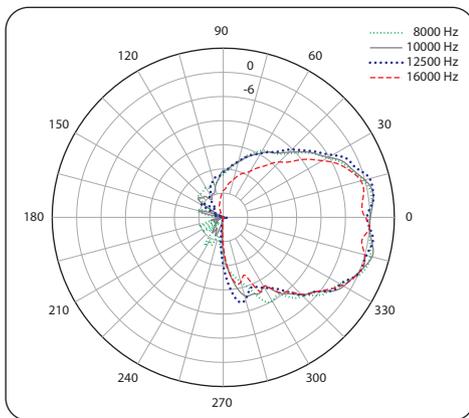
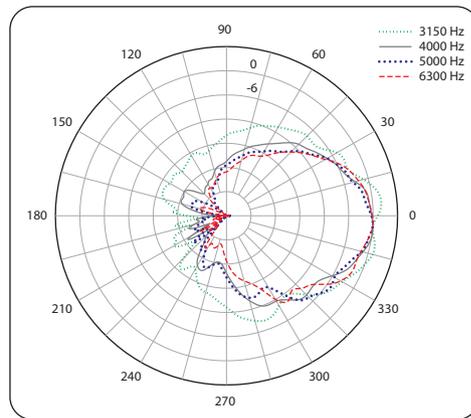
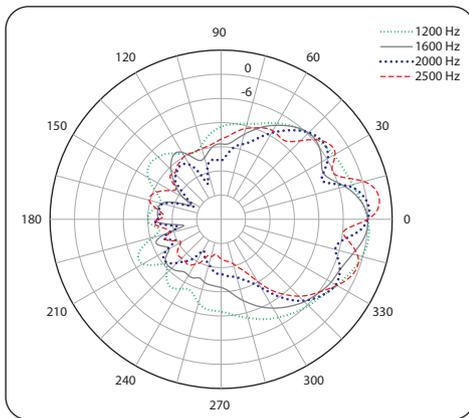
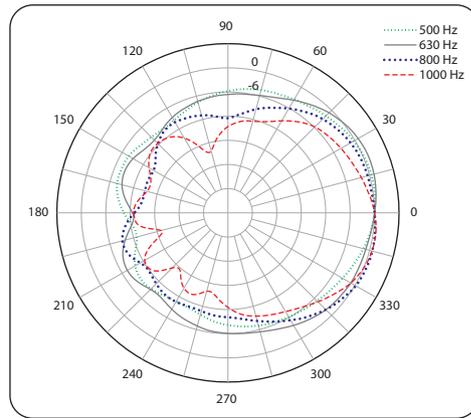
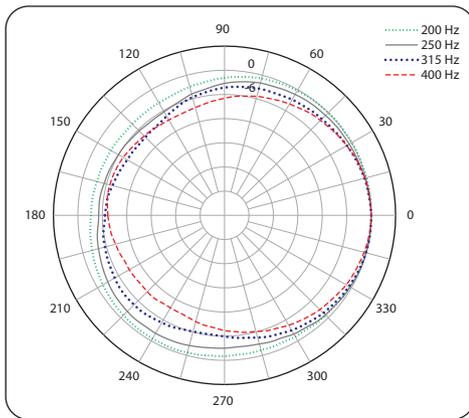


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Vertical Polar Plots

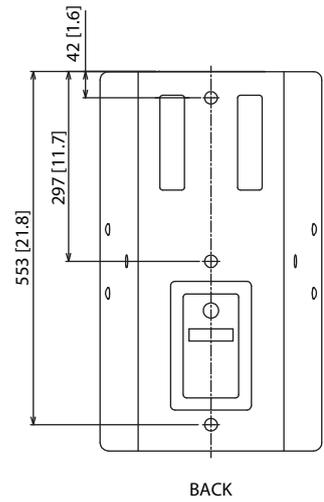
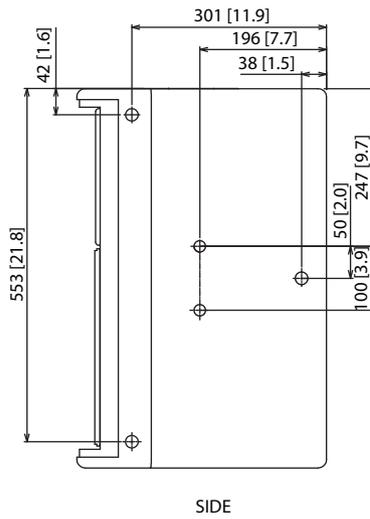
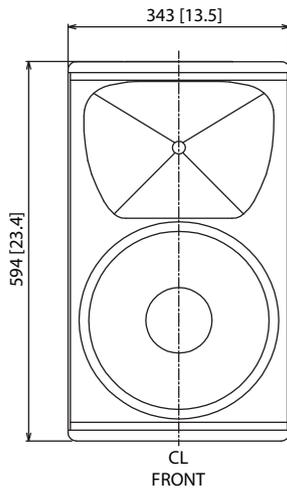
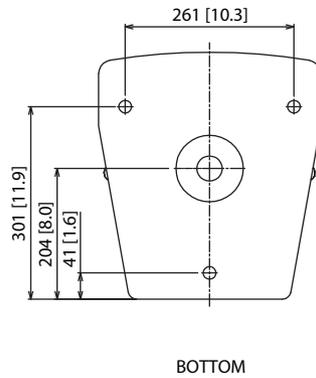
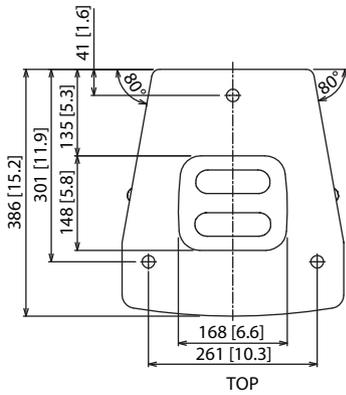


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Dimensions



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Mounting and Rigging

The cabinet is fitted with M10 x 19 internally-threaded rigging points, and it is compatible with industry standard wall and ceiling brackets.

The cabinet has a standard pole mount receptacle that allows it to used with an industry standard 35 mm speaker pole

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Technical Specifications

System

Frequency response	80 Hz – 20 kHz \pm 3 dB 55 Hz – 20 kHz -10 dB
Nominal dispersion	70° H x 70° V @ -6 dB points
Power handling (IEC)	500 W continuous, 2000 W peak
Sensitivity	95 dB (1 W @ 1 m)
Maximum SPL	122 dB continuous, 128 dB peak
Impedance	8 Ω
Components	1 x 12" (315 mm) LF driver 1 x 1" (25 mm) HF compression driver"

Enclosure

Connectors	1 x Neutrik speakON* NL4, 1 x barrier strip terminals
Wiring	Pins 1+ / 1- input, pins 2+ / 2- link
Dimensions (H x W x D)	594 x 345 x 386 mm (23.4 x 13.6 x 15.2")
Net weight	22 kg (48.4 lbs)
Construction	15 mm (3/4") birch plywood
Finish	Semi matt black paint
Grille	Powder coated perforated steel
Flying hardware	M10 x 19

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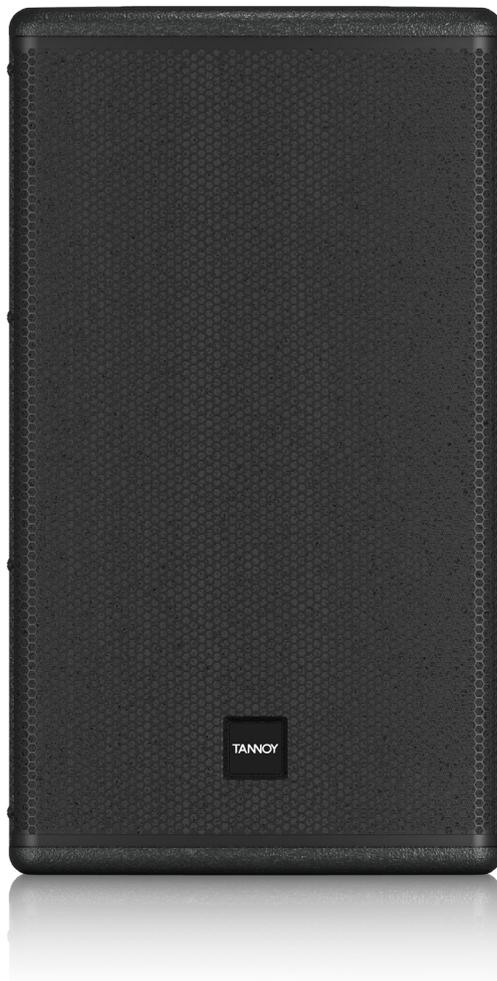
Architecture & Engineering Specifications

The loudspeaker shall be of the full range, two-way passive type consisting of one 12" (315 mm) LF driver and one 1" (25 mm) HF compression driver. Performance specifications of a typical production unit shall meet or exceed the following: frequency response, measured with swept sine wave input, shall be flat within ± 3 dB from 80 Hz to 20 kHz and within -10 dB from 55 Hz to 20 kHz. Nominal dispersion, at -6 dB points, shall average 70° H x 70° V. Nominal impedance shall be 8 Ohms. Power handling shall be 500 Watts continuous, 2,000 Watts peak. Sensitivity, measured on axis, mean averaged over stated bandwidth, shall be 95 dB, 1 Watt @ 1 metre. Maximum SPL (peak), measured at 1 metre with music program at stated amplifier input, shall be 128 dB. Dimensions: 594 mm high x 345 mm wide x 386 mm deep (23.4" x 13.6" x 15.2"). Net weight: 22.0 kg (48.4 lbs). The loudspeaker system shall be the [Tannoy TKT122](#). No other loudspeaker shall be acceptable unless submitted data from an independent test laboratory verifies that the above combined performance / size specifications are equalled or exceeded.

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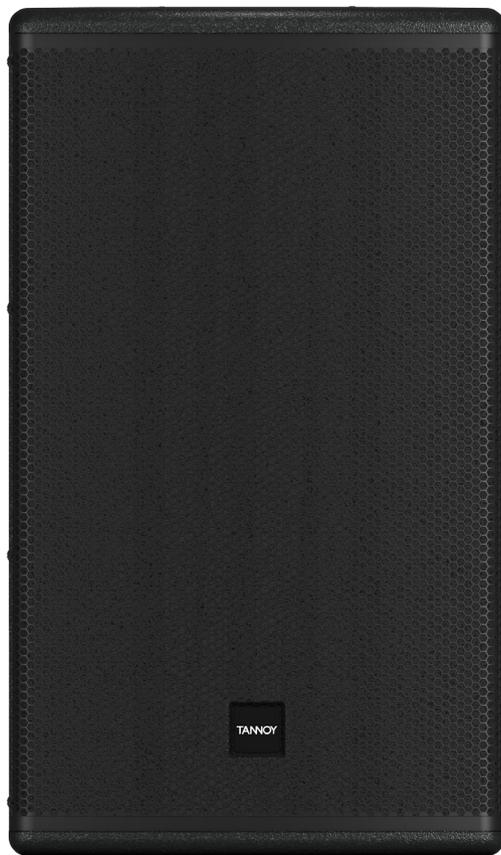
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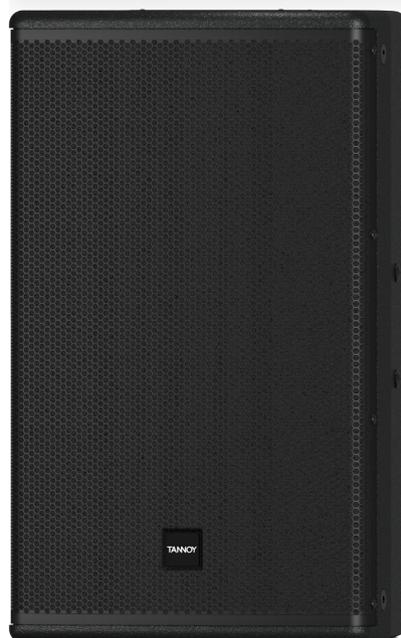
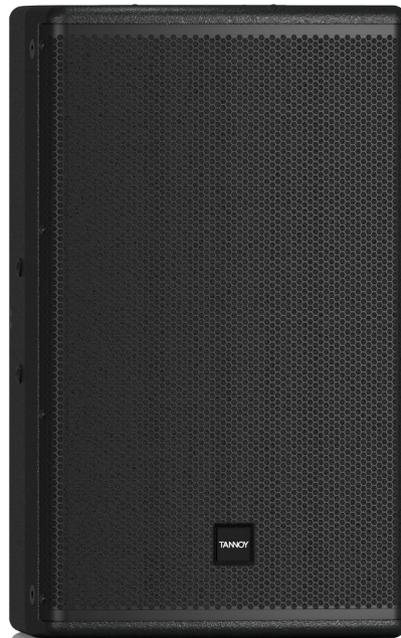
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Europe
Music Tribe Brands UK Ltd.
Email: CARECrea@musictribe.com
CAREEnte@musictribe.com
CARELife@musictribe.com

USA/Canada
Music Tribe Commercial NV Inc.
Email: CARECrea@musictribe.com
CAREEnte@musictribe.com
CARELife@musictribe.com

Japan
Music Tribe Services JP K.K.
Email: CARECrea@musictribe.com
CAREEnte@musictribe.com
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