TT+ AUDIO GTX 10 & GTX 12

TT+ AUDIO GTX 12

RCF (booth C9535 and demo room N101) is displaying its flagship TT+ AUDIO GTX 12 three-way line array module and GTX 10 compact two-way line array module designed for large-scale (GTX 12) and mid-large scale (GTX 10), high-demand touring and installed indoor and outdoor sound applications. GTX components are the result of extensive research in material science, design topology, and power testing, to reduce distortion, enhance acceleration factor and withstand extreme driving power for extended usage while maintaining consistent performance. The newly developed precision transducers for GTX can deliver up to 55% more acoustic energy with less distortion than previous models. The GTX 12 is equipped with a total of eight transducers while the GTX 10 houses three - both offer pristine playback quality and optimized directivity across the entire frequency spectrum.

The GTX 12 can be flown in arrays of up to 24 modules on a single fly-bar. One single module achieves an extremely high max SPL of 148 dB, making it suitable for the largest concerts and events. The midrange section features four 6-inch neodymium drivers with 2-inch voice coils in a coplanar configuration, providing minimal power compression and low distortion. The high-frequency section utilizes two 3-inch titanium dome, neodymium magnet compression drivers for smooth, coherent coverage across a 90° x 10° dispersion pattern made possible by the advanced 4PATH waveguide design. Low frequencies are handled by two 12-inch woofers with 3.5-inch voice coils incorporating TT+ AUDIO’s HyperVented technology for remarkable dynamics and detailed low end.

Maintaining the consistent design philosophy across the GTX system, the GTX 12 module decouples power amplification from the loudspeaker enclosure, shifting it to dedicated touring racks. Each TTR 16 touring rack can house up to three XPS 16K 4-channel DSP amplifiers, integrating AC power distribution, signal routing, and network connectivity. A single XPS 16K amplifier, delivering four channels, powers every three GTX 12 modules, while one loaded TTR 16 rack serves every nine GTX modules. The TTR 16 can also be reconfigured to power every six modules for

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applications demanding exceptional precision and detail. The GTX 12 measures 366 mm (14.41 inches) H x 1177.5 mm (46.36 inches) W x 540.6 mm (21.28 inches) D and weighs 62.2 kg (141.54 lbs).

The GTX 10 delivers a max SPL of 143 dB and leverages a 1 x 4-inch neodymium compression driver to reproduce high frequencies with detail and accuracy through its 110° x 15° waveguide. The low end is handled by two 10-inch neodymium woofers incorporating TT+ AUDIO's HyperVented technology for tight, impactful bass. A single XPS 16K amplifier, delivering four channels, powers every four GTX 10 modules. A fully loaded single TTR 16 touring rack can power a complete 6+6 GTX 10 system with four GTS 29 double 19-inch subwoofers. The GTX 10 measures 337 mm (13.27 inches) H x 750 mm (29.53 inches) W x 483.5 mm (19.94 inches) D and weighs 31.5 kg (69.45 lbs).

Both GTX models feature tour-ready robust plywood enclosure finished in a rugged, weather-resistant polyurea coating, including heavy-duty front grilles and quick-connect bayonet-style connectors. Suspension hardware has been optimized for rapid assembly in both tension and compression modes. The GTX 12 and GTX 10 are part of the GTX Line Array System from TT+ AUDIO, which also includes the GTS 29 high-output subwoofer, TTR 16 touring rack, RDNet management software and SHAPE D3D system design and modeling software.

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