

The Quint Audio T24 offers high-quality sound reproduction in near- and mid-field applications. It is truly unique due to its ultra compact power density that performs perfectly in situations where a large PA system, such as a line array, is considered too much and a small single point source too tiny.

The T24 combines powerful amplification, great dynamics and natural reproduction of complex audio sources. This results in high speech intelligibility and warm vocals on top of any live or electronic music source as well.

The T24 is easy to handle due to its built-in grips and its light weight. It comes with quick lock rigging to which all kinds of rigging and installation accessories can be safely attached and detached tool-free.

An additional subwoofer enhances the T24's performance, turning it into a powerful PA system that's perfect for amplifying any band or orchestra during live performances.

DESIGN:

The Quint Audio T24 is a 2x12"/4"-2.5"coaxial 3-way bi-amplified full-range speaker system. The cabinet is built of birch plywood and equipped with a wear-, tear- and impact-resistant hybrid black coating (other RAL colours are available). Various internal bracings are applied in order to increase the rigidity and therewith eliminate unwanted internal and external resonances.

The internal cooling system of the magnet system provides a minimum power compression. For homogeneous loading of the 12" loudspeaker cones as well as for controlled dispersion, several phase plugs are integrated. The 12" transducers are positioned so that, in relation to mid-high frequency horn, hardly any refraction of high frequencies occurs.

The 4"-2.5" coaxial passively crossed mid-high frequency driver feeds a linear and distortion free transduction of mid- and high frequencies from 800Hz up to 20kHz into a very true constant directivity horn of 80x50 degrees hxv.

The T24 features unique quick-lock rigging points on top and bottom. On both sides ergonomic handles are provided next to 2 conical rigging points for mounting a U-bracket. The front is finished by an acoustically transparent layer and a coated steel grille.

SUGGESTED APPLICATIONS:

FOH Loudspeaker
Stage fill
Live Theatre
Live Music
Mechanical Music
Speech
Vocals

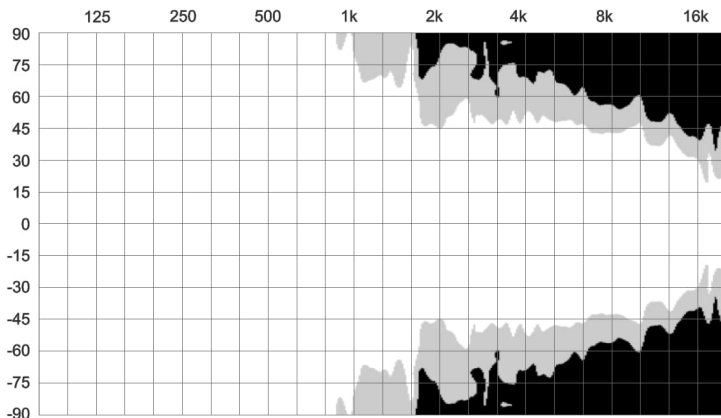


MODEL

type	T24
filter	high performance point source touring top
loudspeaker components	2-channel DSP control
impedance	2x12"/4"/2.5"
peak SPL* / freq. range (-6dB)	5 Ohms
max SPL** / freq. range (-6dB)	143dB / 100Hz-20kHz
max SPL -10dB / freq. range (-6dB)	126dB / 100Hz-20kHz
max SPL -20dB / freq. range (-6dB)	116dB / 57Hz-20kHz
dispersion (HxV)	106dB / 47Hz-20kHz
connections	80° x 50°
weight	2x SpeakOn-4
size (WxHxD)	29 kgs
	360 x 695 x 415mm

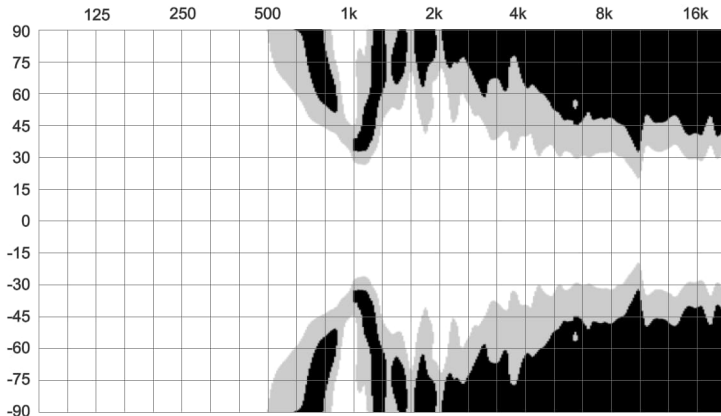
* Measured with M-noise (full bandwidth (10Hz–22.5kHz) test signal with a constant instantaneous peak level in octave bands, a crest factor that increases with frequency, and a full bandwidth Peak to RMS ratio of 18 dB). Measured with a P9 DSP and a A42 amplifier.

** frequency response -6dB

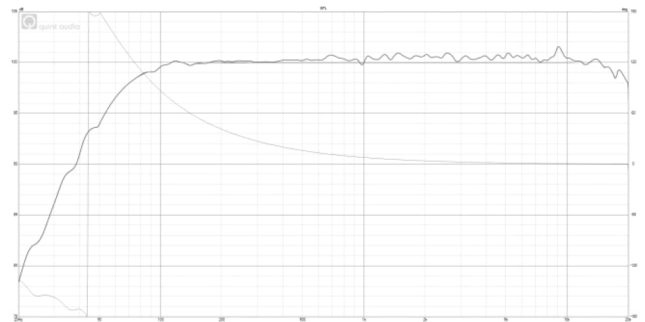
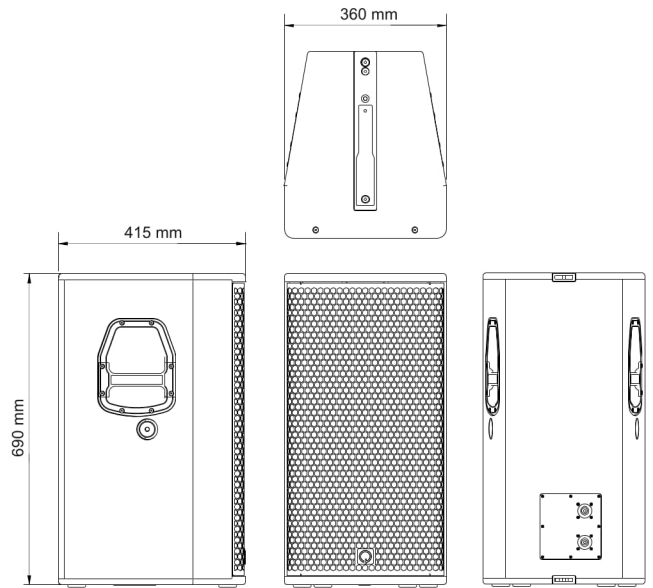


horizontal dispersion

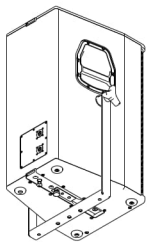
0dB	-6dB	-12dB
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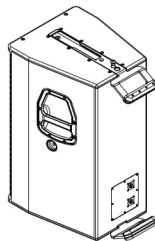
vertical dispersion



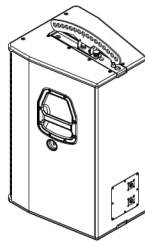
frequency and phase response with DSP-control



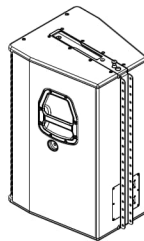
T24-V1
U-bracket for
angled vertical
mounting



T24-G1
detachable
handles



T24-C1
top-rigging
hardware for fixed
angled vertical
mounting



T24-B1
backbone for
wall-bracket
attachment

