

The Quint Audio T24 offers high-quality sound reproduction in near- and mid-field applications. It is a very compact high power density loudspeaker that is perfect for situations where a large PA system, such as a line array, is considered too much and a small single point source too small.

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 handles 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. It is built of birch plywood and equipped with a wear-, tear- and impact-resistant hybrid black coating (other RAL colors are available). Various internal bracings are applied in order to increase the rigidity of the design.

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 h_{xv}.

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

loudspeaker components
filter
impedance
max SPL 100Hz-20kHz¹
peak SPL 100Hz-20kHz¹
freq. range -10dB
freq. range -20dB
HF-dispersion
weight
size (wxhxd)

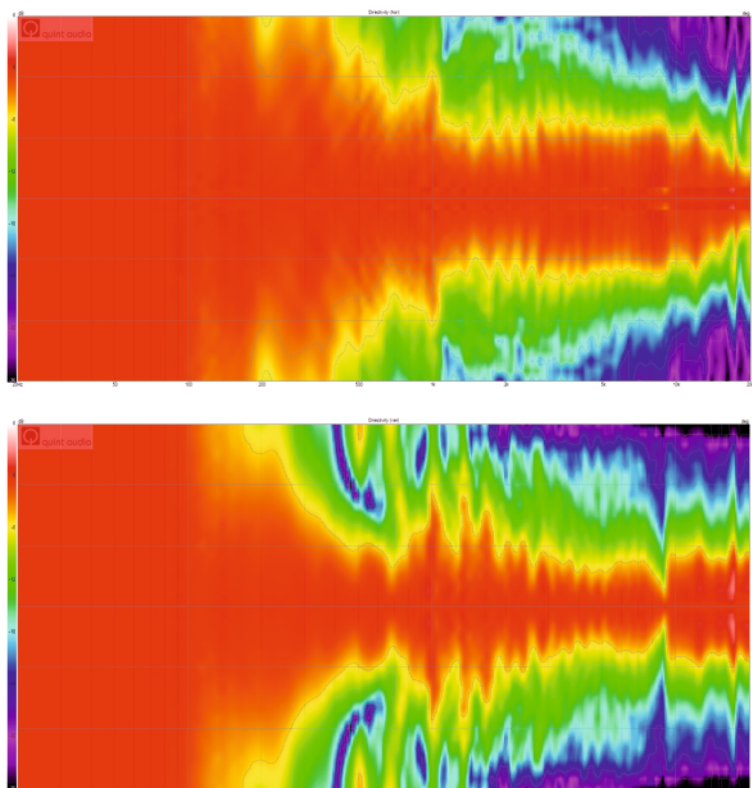
T24

2x12"/4"/2.5"
2-channel DSP control
5 Ohms woofer / 8 Ohms driver
126dB*
143dB*
57Hz-20kHz
47Hz-20kHz
80°x50° h_{xv}
29kg
360 x 696 x 415 mm

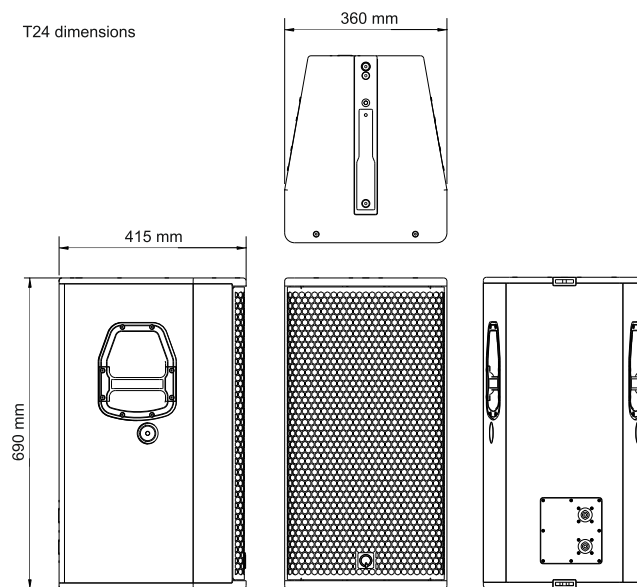
¹) frequency response -6dB

* 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.

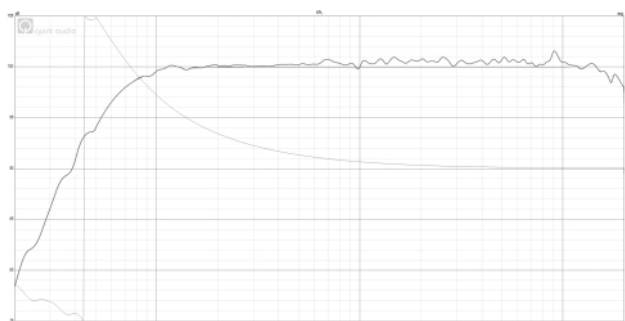
T24 horizontal dispersion



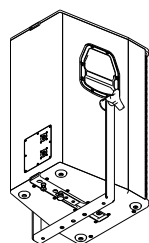
T24 dimensions



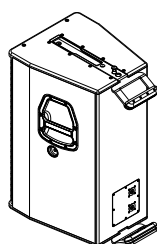
T24 frequency response



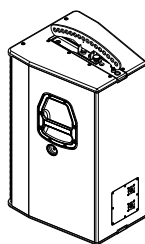
T24 ACCESSORIES



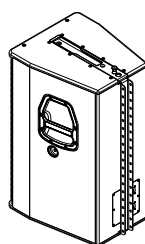
T24-V1
U-bracket for
angled vertical
mounting



T24-G1
detachable
handles



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



T24-B1
backbone for
wall-bracket
attachment

