

By its specifications the Quint Audio T12 is committed to near- and mid-field PA applications. It has a very well defined mid- and high-frequency reproduction and a surprisingly deep and rich bass.

The 5"ND-AMT/12"ND design stands for high fidelity sound reinforcement with an outstanding dynamic reach.

The very versatile T12 feels most at ease when used on pure dynamic sources but is of course not limited to that.

This, and many more fine tuned parameters, make the T12 a great full-range loudspeaker that is sought after by top-engineers and connoisseurs in musical environments.

DESIGN:

The Quint Audio T12 is a 12"ND/5"ND AMT front loaded 2-way passively filtered full-range speaker system for high profile use.

The T12 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 12-inch high air volume displacement neodymium woofer in the T12 features a 100 mm voice-coil. The internal cooling system of the magnet system provides a minimum power compression.

The 5-inch ND Air Motion Transformer (AMT) high frequency driver is applied for the high frequencies. The AMT takes care of an extremely linear and distortion free transduction of mid- and high frequencies.

For maximum phase purity the AMT is physically lined up with the 12" woofer. This time-aligned positioning is quite unique to the PA-loudspeaker industry. Making use of the AMT this way ensures a dramatic improvement in the impulse response of the speaker, which is very well audible in complex audio material reproduction.

The dedicated passive cross-over is made up of very high-quality components. Air core coils are included in the signal path with a copper diameter of 2 mm. The applied foil capacitors have a working voltage up to 400 volts.

The T12 features several rigging points that facilitate both horizontal and vertical mounting. It also features in an ergonomic handle on top and a 38 mm stand flange at the bottom of the speaker. The front is finished by a coated steel grille and covered with an acoustically transparent layer.

ACCESSORIES:

T12 rigging hardware both for horizontal and vertical mounting
 T12 soft cover
 T12 flight case (top lid for 2 pieces)
 On order available in all RAL-colours.

SUGGESTED APPLICATIONS:

FOH Top - Full Range Loudspeaker
 Live Theatre - Live Music - Mechanical Music - Speech - Vocals



MODEL	T12
type	5"ND AMT/12"ND full range system
filter	passive
power handling AES	800W
program power	1600W
impedance	8 Ohms
sensitivity	97 dB 1W 1m
program SPL	129 dB 1m
peak SPL	135 dB 1m
frequency range	45 -20.000 Hz
dispersion	80°x30° hxv, rotatable
weight	24 kg
size (wxhxd)	360 x 607 x 415 mm

