

The Quint Audio U12 is committed to near- and mid-field PA applications, in the area of live music, mechanical music and vocals, whether or not in combination with a subwoofer. Also the universal U12 can be excellently used as a high power, high SPL, high intelligibility floor monitor.

With an incredible 101dB sensitivity the U12 is focusing on high efficiency reinforcement with a very large overhead in the middle tones area. This makes the U12 ideally suited for a powerful reinforcement of vocals, voice and percussive audio sources in sound pressure demanding environments.

DESIGN:

The Quint Audio U12 is a 12 "ND/1.4" ND front loaded 2-way passively filtered full-range speaker system for universal use.

The U12 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 neodymium woofer of the U12 is equipped with a multiple demodulation-ring and features a 75 mm voice-coil which results in an improvement of the thermal, impedantive and dynamic behavior of the speaker.

The neodymium 1.4 inch high frequency driver features a quadruple ring-phase plug, which ensures an increased phase purity. The light and durable polymer membrane is driven by a 65 mm voice coil. The driver is mounted on a die-cast aluminum constant directivity horn with a precise opening angle of 80 degrees horizontally x 50 degrees vertically.

The dedicated passive filter 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 U12 features M8 and M10 rigging points that facilitate both horizontal and vertical mounting. It also features 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:

- U12 flying brackets both for horizontal and vertical mounting
- U12 soft cover
- U12 dual flight case
- On order available in all RAL-colors.

SUGGESTED APPLICATIONS:

- FOH Top - Stage Monitor
- Live Music - Mechanical Music - Vocals - Speech



MODEL	U12
type	12"ND/1.4"ND universal full range system
filter	passive
power handling AES	500 W
program power	1000 W
impedance	8 Ohms
sensitivity	101 dB 1W/1m
program SPL	131 dB 1m
peak SPL	137 dB 1m
frequency range	54-19 kHz
dispersion	80°x50° hvx rotatable
weight	20 kg
size (wxhxd)	360 x 605 x 335 mm

