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 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:

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:

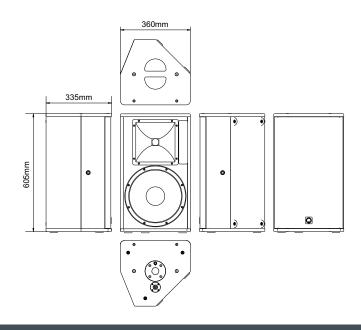
FOH Top - Stage Monitor Live Music - Mechanical Music - Vocals - Speech



MODEL	U12
type	12"N
	full ra
filter	pass
wer handling AES	500 V
program power	1000
impedance	8 Oh
sensitivity	101 c
program SPL	131 c
peak SPL	137 c
frequency range	54-19
dispersion	80°x5
weight	20 kg
size (wxhxd)	360 >

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12"ND/1.4"ND universal full range system passive 500 W 1000 W 8 Ohms 101 dB 1W/1m 131 dB 1m 137 dB 1m 54-19 kHz 80°x50° hxv rotatable 20 kg 360 x 605 x 335 mm





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