

The powerful Quint Audio U15 covers a wide spectrum of pro audio applications. On one side the U15 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 sub woofer. On the other side, due to its large full range output capability, the U15 is excellent in use as a universal floor monitor, drum-fill, side fill or booth monitor.

The 15"/1.4" U15 really comes to life in full range reinforcement applications with a large demand of overhead in the mid-low area. This makes the U15 ideally suited for a reinforcement of deep vocals and punchy instrumental sound sources. Its bass capacity makes U15 very useful for applications where full range capacity is mandatory or where there is limited room or budget for voluminous subwoofers.

DESIGN:

The Quint Audio U15 is a 15 "ND/1.4" ND front loaded 2-passively filtered full-range speaker system for universal use.

The U15 is built of birch plywood and equipped with a wear-, tear- and impact-resistant hybrid coating. Various internal bracings are applied in order to increase the rigidity of the design.

The 15-inch neodymium woofer of the U15 is equipped with a demodulation-ring and features a 100 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 60 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 U15 features several 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 cabinet. The front is finished by a coated steel grille and covered with an acoustically transparent layer.

ACCESSORIES:

U15 flying brackets both for horizontal and vertical mounting
 U15 soft cover
 U15 dual flight case
 On order available in all RAL-colors.

SUGGESTED APPLICATIONS:

Small Full Range FOH - Stage Monitor - Drum Fill - Stage Fill
 Live Music - Mechanical Music - Vocals



MODEL	U15
type	15"ND/1.4"ND universal full range system
filter	passive
power handling AES	800W
program power	1600W
impedance	8 Ohms
sensitivity	98 dB/W/m
program SPL	130 dB
peak SPL	136 dB
frequency range	45 -19 kHz
dispersion	60°x50° h xv rotatable
weight	23 kg
size (wxhxd'	435 x 735 x 410 mm

