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Features

- CEW™ technology
- Digitally self-powered
- Class D amplifier
- Rotatable HF waveguide
- Pole mount socket
- OmniMount™ compatible

Applications

- Front of house
- Floor monitoring
- Dry hire and rental
- Theatre
- Houses of worship
- Corporate / industrial

NuQ-12DP self-powered two-way loudspeaker

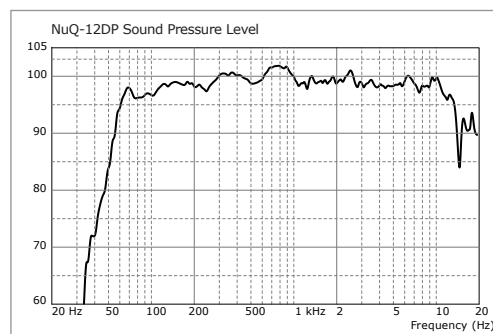


The NuQ-12DP is a full range self-powered two-way loudspeaker enclosure incorporating integral amplifiers and control electronics, designed for use in mobile sound reinforcement applications.

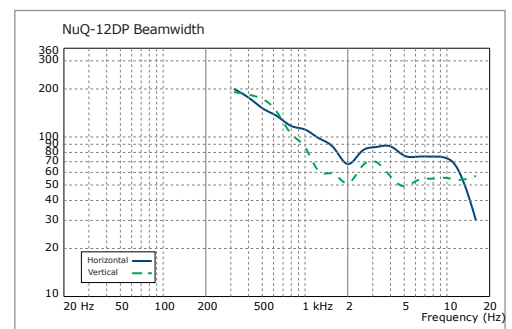
The NuQ-12DP features a new generation of innovative Class D power amplifier module, utilising revolutionary 96kHz DSP technology. It consists of a front loaded 12" neodymium LF driver and a 1.4" neodymium HF compression driver on a rotatable 80°H x 50°V Converging Elliptical Waveguide™, giving excellent pattern control and allowing a swap the horizontal and vertical coverage patterns. The symmetrical cabinet shape creates an additional role as mirrored left/right monitor wedges as well as for front-of-house applications. Two independent amplifier channels power the LF and HF drivers separately in order to maximise headroom, and the system incorporates high performance limiters set to optimise power and excursion thresholds. A Powercon connector provides mains input to the amplifier, which is auto-sensing over a range from 100 volts to 240 volts, and 3-pin XLRs are used for input and parallel link signal connections. RJ45 network connectors enable multiple loudspeakers to be controlled and monitored over a BVNet network using TurboDrive™ software. The cabinet is finished in black or optional white textured paint and includes a pole mount socket for use with 35mm poles and speaker stands. Rigging points are provided for use with flying yokes and M10 shoulder eyebolts.

NuQ series

Frequency Response



Beamwidth

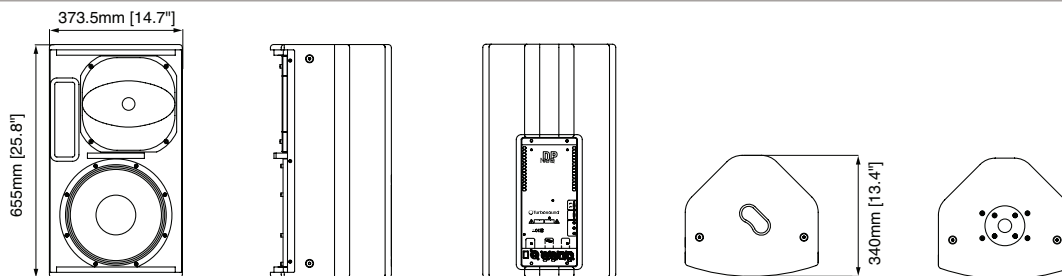


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NuQ-12DP self-powered two-way loudspeaker

| | | |
|-------------------------------|--|---|
| DIMENSIONS (HxWxD) | 655mm x 373.5mm x 340mm (25.8" x 14.7" x 13.4") | |
| NET WEIGHT | 23kg (50.6lbs) | |
| COMPONENTS | 1 x 12" (305mm) LF driver, 1 x 4" (35mm) HF driver on a Converging Elliptical Waveguide™ | |
| FREQUENCY RESPONSE | 55Hz - 20kHz ±4dB | |
| NOMINAL DISPERSION | 80°H x 50°V @ -6db points. Rotatable waveguide allows swap of horizontal and vertical pattern | |
| MAXIMUM SPL | 127dB continuous, 133dB peak | |
| CONSTRUCTION | 15mm (5/8") birch plywood, finished in black semi-matt textured paint | |
| GRILLE | Powder coated perforated steel with acoustically transparent reticulated foam | |
| CONNECTORS | Input: (1) XLR female, Link: (1) XLR male, pin 2 hot; Neutrik Powercon; (2) RJ45 network port | |
| AMPLIFIERS | TYPE: | Class D inc SMPS and networked DSP |
| | POWER OUTPUT: | 2 x 800 watts continuous @ 8 ohms (1kHz, 0.01% THD) |
| | DYNAMIC RANGE: | 110dB |
| | INPUT CLIP: | 10dBu |
| | BANDWIDTH: | 20Hz - 20kHz ± 0.5dB |
| | POWER REQ: | 100V to 240V AC @ 50/60Hz |
| RIGGING | M10 internal rigging points for flying yokes and M10 eyebolts | |
| OPTIONS | White textured paint | |
| SPARES AND ACCESSORIES | LS-1221 | 12" (305mm) LF loudspeaker |
| | RC-1221 | Recone kit |
| | CD-214 | 1.4" (35mm) HF compression driver |
| | RD-214 | Replacement HF diaphragm |
| | MG-NuQ12 | Replacement grille |
| | NuQ-FY12 | Flying yoke |
| | PB-55 | Wall bracket, pole mount fixing |
| MORE INFO | More information can be found on our website: www.turbosound.com | |



Limited Warranty

Every Turbosound loudspeaker product is warranted to the original end-user purchaser and all subsequent owners for a period of two (2) years for loudspeaker products, or one (1) year for electronics products, from the original date of purchase. Warranty coverage includes defects in materials and workmanship. It does not include:

- damage caused by accident, misuse, abuse, neglect or modification by any other person other than an authorised Turbosound representative,
- damage caused by overdriving, use with unsuitable amplifiers or amplifier failure,
- damage caused by failure to operate the product in accordance with the instructions contained in the user's manual,
- damage occurring during shipment in transit,
- claims based upon any misrepresentations by the seller,
- products which do not have the original components as specified in the product engineering information,
- products on which the serial number has been removed or defaced.

Should any fault develop with a component of your Turbosound system, please return the product, freight pre-paid, in its original packing carton, along with proof of purchase such as the original bill of sale, and a description of the suspected fault, to your local authorised Turbosound representative. The product serial number must be quoted in all correspondence relating to the claim. Insurance is recommended as Turbosound or its representatives are not liable for loss or damage in transit.