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### Features

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

### Applications

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

# NuQ-15DP self-powered 2-way loudspeaker

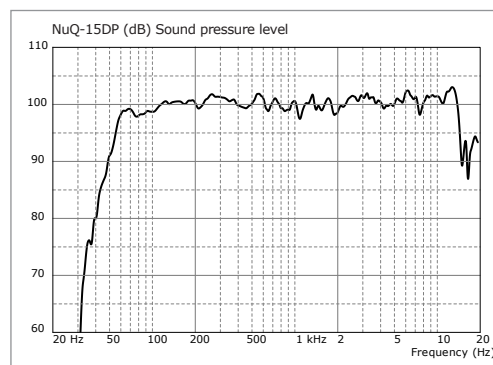


**The NuQ-15DP is a full range self-powered two-way loudspeaker enclosure incorporating integral amplifiers and control electronics, designed for use in mobile sound reinforcement applications.**

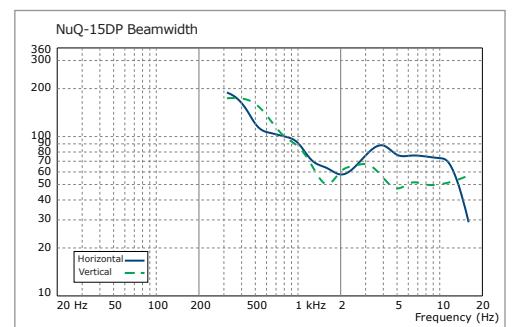
The NuQ-15DP features a new generation of innovative Class D power amplifier module, utilising revolutionary 96kHz DSP technology. It consists of a front loaded 15" neodymium LF driver and a 1.4" neodymium HF compression driver on a rotatable 80°H x 50°V Converging Elliptical Waveguide™, giving excellent 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 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

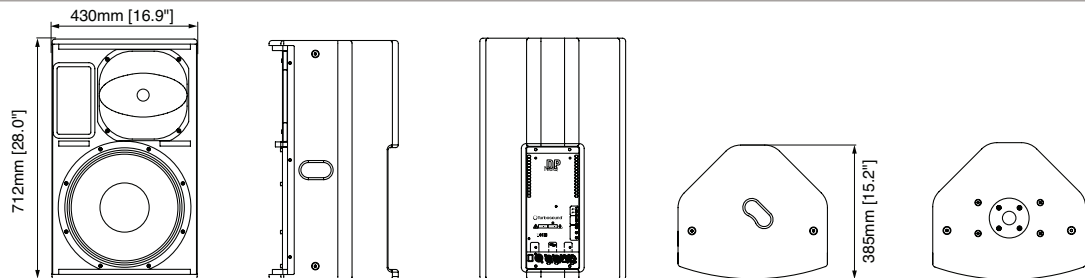


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# NuQ-15DP self-powered 2-way loudspeaker

<b>DIMENSIONS (HxWxD)</b>	712mm x 430mm x 385mm (28" x 16.9" x 15.2")	
<b>NET WEIGHT</b>	29kg (63.8lbs)	
<b>COMPONENTS</b>	1 x 15" (381mm) LF driver, 1 x 1.4" (35mm) HF driver on a Converging Elliptical Waveguide™	
<b>FREQUENCY RESPONSE</b>	50Hz - 20kHz ±4dB	
<b>NOMINAL DISPERSION</b>	80°H x 50°V @ -6db points. Rotatable waveguide allows swap of horizontal and vertical pattern	
<b>MAXIMUM SPL</b>	129dB continuous, 135dB peak	
<b>CONSTRUCTION</b>	15mm (5/8") birch plywood, finished in black semi-matt textured paint	
<b>GRILLE</b>	Powder coated perforated steel with acoustically transparent reticulated foam	
<b>CROSSOVER</b>	Internal passive crossover at 1k6Hz; 24dB/octave Butterworth	
<b>CONNECTORS</b>	(2) Speakon NL4MP, wired pin 1+: positive, pin 1-: negative, pins 2+ and 2- n/c	
<b>AMPLIFIER</b>	<b>TYPE:</b>	Class D inc SMPS and networked DSP
	<b>POWER OUTPUT:</b>	2 x 800 watts continuous @ 8 ohms (1kHz, 0.01% THD)
	<b>DYNAMIC RANGE:</b>	110dB
	<b>INPUT CLIP:</b>	10dBu
	<b>BANDWIDTH:</b>	20Hz - 20kHz ±0.5dB
	<b>POWER REQ:</b>	100V to 240V @ 50/60
<b>RIGGING</b>	M10 rigging points for NuQ-FY15 flying yokes and EB-10 shoulder eyebolts	
<b>OPTIONS</b>	White textured paint	
<b>SPARES AND ACCESSORIES</b>	LS-1528	15" (381mm) LF loudspeaker
	RC-1528	Recone kit
	CD-214	1.4" (35mm) HF compression driver
	RD-214	Replacement HF diaphragm
	MG-NuQ15	Replacement grille
	NuQ-FY15	Flying yoke
<b>MORE INFO</b>	More information can be found on our website: <a href="http://www.turbosound.com">www.turbosound.com</a>	



## 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.