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Features

- Digitally self-powered
- CEW™ technology
- Bent plywood construction
- Rotatable HF waveguide
- Multiple rigging points
- Pole mount socket

Applications

- Front of house
- Dry hire and rental
- Theatre
- Audio-visual
- Houses of worship
- Corporate / industrial

NuQ-8DP compact self-powered 2-way loudspeaker

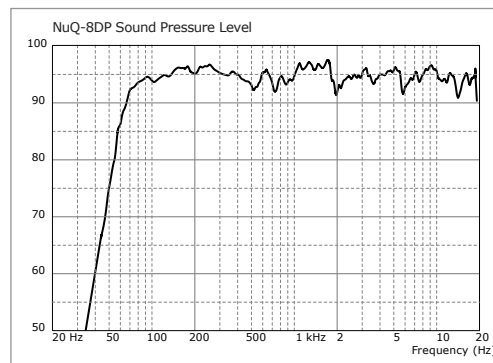


The NuQ-8DP is a compact self-powered two-way loudspeaker enclosure incorporating integral amplifiers and control electronics, designed for use in mobile speech and music sound reinforcement applications.

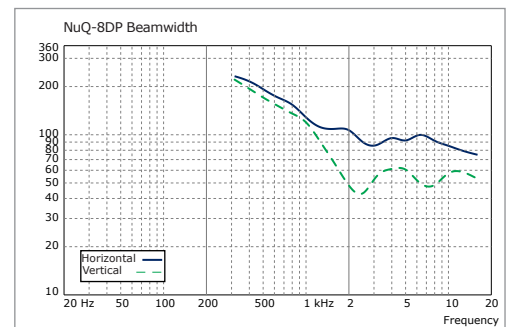
The NuQ-8DP features a new generation of innovative Class D power amplifier module, utilising revolutionary 96kHz DSP technology. It consists of a front loaded 8" neodymium low frequency driver and a proprietary 1" neodymium high frequency compression driver on a rotatable 100°H x 60°V Converging Elliptical Waveguide™ in a reflex-loaded enclosure. The waveguide can be rotated within the enclosure, making it possible to swap the horizontal and vertical coverage patterns. The rear panel carries a fully integrated Class D amplifier and control electronics module, and incorporates high performance limiters set to optimise the continuous 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 connector enable multiple loudspeakers to be controlled and monitored over a BVNet network using TurboDrive™ software. The cabinet is finished in black or optional white semi-matt textured paint, and includes rigging points for use with flying yokes and M10 shoulder eyebolts.

NuQ series

Frequency Response



Beamwidth

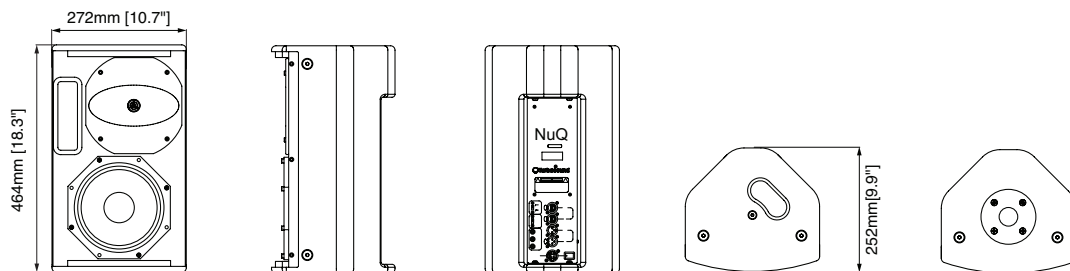


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NuQ-8DP compact self-powered 2-way loudspeaker

DIMENSIONS (HxWxD)	464mm x 272mm x 252mm (18.3" x 10.7" x 9.9")	
NET WEIGHT	12kg (26.4lbs)	
COMPONENTS	1 x 8" (203mm) LF driver, 1 x 1" (25mm) HF driver on a Converging Elliptical Waveguide™	
FREQUENCY RESPONSE	60Hz - 20kHz ±4dB	
NOMINAL DISPERSION	100°H x 60°V @ -6db points. Rotatable waveguide allows swap of horizontal and vertical pattern	
MAXIMUM SPL	118dB continuous, 124dB peak	
CONSTRUCTION	12mm (1/2") 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	
AMPLIFIER	TYPE:	Class D inc SMPS and networked DSP
	POWER OUTPUT:	500 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	M8 rigging points for NuQ-SB8 swivel brackets M10 rigging points for NuQ-FY8 flying yokes and EB-10 shoulder eyebolts	
OPTIONS	White textured paint	
SPARES AND ACCESSORIES	LS-8093	8" (203mm) LF loudspeaker
	RC-8093	Recone kit
	CD-115	1" (25mm) HF compression driver
	RD-115	Replacement HF diaphragm
	MG-NuQ8	Replacement grille
	NuQ-FY8	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.