



NEW PRODUCT INFORMATION

WH-NEO

Its a TRIO.....of NEO.

Using neodymium magnets in both the LF and HF drivers, the new WH-NEO's deliver high power handling from a lightweight and good looking installation-ready cabinet.



The new **WH-NEO** series consists of 3 models (10", 12" and 15") and have been designed for installations where weight, dispersion angles and consistent SPL are essential.

Using neodymium magnets in both the HF compression driver and the LF transducer, the WH-NEO's are comparatively lightweight and easy for the installer to handle. The LF uses a cast aluminium basket to strike a perfect balance between weight and rigidity. The titanium HF compression driver has increased radius and increased sensitivity (IRIS) and uses the rear aluminium plate to improve heat dissipation during prolonged periods of high power.

The 12" and 15" models also feature massive 3" LF voice coils. Once again this improves heat dissipation and increases power handling.

Coverage angles are different to other installation models in the Wharfedale Pro lineup. With a 70° x 70° rounded waveguide, the dispersion characteristic of the WH-NEO is smooth and consistent. This consistency of coverage makes an installation more predictable for the installer and system integrator.

All models feature 19 x M8 rigging points which allow for accurate positioning and superb versatility within the venue. With the rotatable front Wharfedale Pro logo, the WH-NEO's will look great too.

UP TO 27% LIGHTER!

	WEIGHT		WEIGHT	DIFFERENCE
WH-10 NEO	15kg	DELTA 10	16.58kg	10% LIGHTER
WH-12 NEO	18.8kg	DELTA 12	24.7kg	27% LIGHTER
WH-15 NEO	23.7kg	DELTA 15	29.9kg	23% LIGHTER

WHAT MODELS ARE AVAILABLE?

WH-10 NEO, WH-12 NEO, WH-15 NEO

WHAT MAKES THEM GREAT?

- Lightweight and high power NEO drivers
- 3" voice coils (WH-12 NEO & WH-15 NEO)
- 70° x 70° rounded waveguide
- 19 x M8 rigging points
- Rotatable logo and cosmetic front grille finish

SPECIFICATIONS

Model Name	WH-10 NEO	WH-12 NEO	WH-15 NEO
System Type	Passive	Passive	Passive
Configuration	two-way	two-way	two-way
Frequency Response (+/-3dB)	65-18kHz	55-18kHz	50-18kHz
Frequency Range (- 10 dB)	60-20kHz	50-20kHz	45-20kHz
Sensitivity 2.83v/1m	97dB	98 dB	99 dB
Calculated Maximum SPL @1m	128dB	130dB	132dB
System Rated Impedance	8Ω	8Ω	8Ω
Low Frequency Transducer			
Size (mm / inches)	288mm / 10"	305mm / 12"	381mm / 15"
Voice-Coil Size (mm / inches)	63.5mm / 2.5"	75mm / 3.0"	75mm / 3.0"
LF Magnet Material	NdFeB	NdFeB	NdFeB
LF Frame Material	Aluminium	Aluminium	Aluminium
Rated Impedance	8Ω	8Ω	8Ω
LF Power re:AES2-2012	300W	400W	500W
High Frequency Transducer			
HF Driver Type:	Compression Driver	Compression Driver	Compression Driver
Coil Size (mm / inches)	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"
Exit Size (mm / inches)	1"	1"	1"
HF Magnet Material	NdFeB	NdFeB	NdFeB
Diaphragm Material	Titanium	Titanium	Titanium
Rated Impedance	8Ω	8Ω	8Ω
HF Power re:AES2-2012	40W	40W	40W
Waveguide Type	Rounded	Rounded	Rounded
Nominal Coverage (H x V)	70H x 70V	70H x 70V	70H x 70V
Nominal Impedance	8Ω	8Ω	8Ω
Power			
System Continuous Power	300w	400w	500w
System Programme Power	600w	800w	1000w
System Peak Power	1200w	1600w	2000w
Crossover frequency	2.5kHz	2.5kHz	2.5kHz
Input Connector	2 * NL4 (speakON compatible)	2 * NL4 (speakON compatible)	2 * NL4 (speakON compatible)
Rigging	M8 * 19	M8 * 19	M8 * 19
Pole mount	35mm pole socket	35mm pole socket	35mm pole socket
Handles	NO	NO	NO
Cabinet type	Trapezoid	Trapezoid	Trapezoid
Enclosure Material and finish	15mm plywood	15mm plywood	15mm plywood
Colour Options	Black paint	Black paint	Black paint
Grille Material & Finish	Steel	Steel	Steel
Dimensions - Unpacked			
Height	533mm / 21"	600mm / 23.6"	680mm / 26.8"
Width Front	310mm / 12.2"	350mm / 13.8"	430mm / 16.9"
Width Rear	210mm / 8.3"	242mm / 9.5"	298mm / 11.7"
Depth	342mm / 13.5"	388mm / 15.3"	463mm / 18.2"
Dimensions - Packed			
Height	615mm / 24.2"	680mm / 26.8"	760mm / 29.9"
Width Front	386mm / 15.2"	426mm / 16.8"	506mm / 19.9"
Width Rear	386mm / 15.2"	426mm / 16.8"	506mm / 19.9"
Depth	416mm / 16.4"	458mm / 18.0"	526mm / 20.7"
Weight			
Net Weight (kg / lbs)	15.0kg / 33lbs	18.8kg / 41.4lbs	23.7kg / 52.1lbs
Gross Weight (kg / lbs)	18.7kg / 41.1lbs	22.6kg / 49.7lbs	27.6kg / 60.7lbs

All three models feature rear ports for smooth and discrete low end punch.



19 x M8 rigging points

