

PROFESSIONAL SPEAKERS



DLX Series

The brand new DLX Series, a new generation of our LX series, is designed to meet today's most demanding professional applications. Building on the worldwide success of LX series, DLX is a series of high power, high performance, and passive enclosures with switch-able bi-amp mode. Reduced size and weight plus road tough industrial carpet finish make DLX a far more practical solution for portable application. This is set to be one of the hottest products of 2008 from Wharfedale Pro.



IMPROVED POWER HANDLING

The new DLX Series combines large-format drivers with Wharfedale Pro's largest Elliptical Wave Guide (EWG) technology. A new, improved woofer means the overall power handling of DLX series is around 25% higher than LX series. The high quality, high excursion, custom cast frame LF driver provides warm and open mid range and punchy low end. DLX provides an even better cost / performance ratio than the first generation.

SWITCHABLE BI-AMP MODE

DLX Mid/hi enclosures come with an externally switchable Bi-amp mode that bypasses the crossover network, connecting +1/-1 directly to the woofer and +2/-2 directly to the tweeter. DLX Subwoofers feature a bi-amp switch, which bypasses the passive network for reduced losses when using an external active crossover.

SYMMETRICALLY PORTED SUBWOOFERS

DLX also feature modular, symmetrically ported subwoofers for simple construction of parallel subwoofer arrays. Symmetrically ported LF drivers also wear evenly, greatly increasing the lifespan of the product.

SMALLER SIZE

The DLX enclosure is significantly smaller than the LX enclosure. Compact, powerful and portable, the Wharfedale Pro DLX Series consists of 9 models: DLX12, DLX15, DLX153, DLX12M, DLX15M, DLX215, DLX15MB, DLX18MB and DLX218B.

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SPECIFICATIONS:



	DLX-12	DLX-15	DLX-12M	DLX-15M	DLX-153	DLX-215	DLX-15B	DLX-18B	DLX-218B
Features	2-way	2-way	2-way Monitor	2-way Monitor	3-way	Quasi 3-way	Reflex subwoofer	Reflex subwoofer	Double Reflex subwoofer
FREQUENCY	60-20kHz	50-20kHz	60-20kHz	55-20kHz	45-20kHz	45-20kHz	PASSIVE: 42-150Hz	PASSIVE: 38-150Hz	30-1.5kHz
RESPONSE @ +/- 3 dB							BI-AMP: 42-2KHz	BI-AMP: 38-1.5KHz	
SENSITIVITY	97dB	98dB	97dB	98dB	100dB	101dB	98dB	99dB	100dB
1w@1m(dB)2.83v									
COVERAGE Horiz.	90°	90°	90°	90°	90°	90°	-	-	-
COVERAGE vert.	45°	45°	45°	45°	45°	45°	-	-	-
POWER HANDLING(watts)									Switchable: Parallel or Discrete
continuous	400	500	400	500	550	1000	700	800	Parallel: 1600W Discrete: 800W
music	800	1000	800	1000	1100	2000	1400	1600	3200W 1600W
peak	1600	2000	1600	2000	2200	4000	2800	3200	6400W 3200W
MAX SPL (dB)	129dB	131dB	129dB	131dB	133dB	137dB	132dB	134dB	138dB
SYSTEM IMPEDANCE	FULL RANGE: 4 or 8 Ω	FULL RANGE: 4 or 8 Ω	FULL RANGE: 8 Ω BI-AMP LF: 8 Ω BI-AMP HF: 8 Ω	FULL RANGE: 8 Ω BI-AMP LF: 8 Ω BI-AMP HF: 8 Ω	FULL RANGE: 8 Ω BI-AMP LF: 8 Ω BI-AMP HF: 8 Ω	FULL RANGE: 4 Ω BI-AMP LF: 4 Ω BI-AMP HF: 8 Ω	FULL RANGE: 4 or 8 Ω BI-AMP LF: 4 or 8 Ω	FULL RANGE: 4 or 8 Ω BI-AMP LF: 4 or 8 Ω	PARALLEL :4 Ω DISCRETE :8ΩX2
LF DRIVER SIZE-INCHES	12"	15"	12"	15"	15"	2X15"	15"	18"	2X18"
MF DRIVER SIZE-INCHES	-	-	-	-	6"	-	-	-	-
HF SECTION									
impedance(Ohms)	8	8	8	8	8	8	-	-	-
coil size(mm/inches)	50/2"	50/2"	50/2"	50/2"	50/2"	50/2"	-	-	-
exit size(mm/inches)	35/1.4"	35/1.4"	35/1.4"	35/1.4"	35/1.4"	35/1.4"	-	-	-
diaphragm matl	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	-	-	-
HF HORN TYPE	Elliptical	Elliptical	Elliptical	Elliptical	Elliptical	Elliptical	-	-	-
HF PROTECT TYPE	bulb	bulb	bulb	bulb	bulb	bulb	-	-	-
CROSSOVER SECTION									
crossover Frequency	1.8kHz	1.8kHz	1.8kHz	1.8kHz	800Hz/2.3kHz	1.8kHz	-	-	-
crossover modes									switchable: +1/-1or +1/-1,+2,-2 Externally/switchable: parallel or discrete
system Fb	60Hz	50Hz	60Hz	55Hz	45Hz	45Hz	42Hz	38Hz	30Hz
Hi pass out (passive)	-	-	-	-	-	-	120Hz(passive)	120Hz(passive)	-
ENCLOSURE TYPE	trapezoidal	trapezoidal	rectangle	rectangle	trapezoidal	trapezoidal	rectangle	rectangle	rectangle
finish colour	carpet black	carpet black	carpet black	carpet black	carpet black	carpet black	carpet black	carpet black	carpet black
thickness(mm)	15	15	15	15	15	15	15	15	18
construction materials	MDF/particle	MDF/particle	MDF/particle	MDF/particle	MDF/particle	ply/particle	MDF/particle	MDF/particle	MDF/particle
stand adaptor	yes	yes	no	no	no	no	yes	yes	no
handle quantity	2	2	2	2	3	2	2	2	4
grille:	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)	1.5mm full steel (black)
input connector type	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon
hi pass out connector type	-	-	-	-	-	-	1xNeutrik NL4 Speakon	1xNeutrik NL4 Speakon	-
PRODUCT DIMS. (mm)									
H	630	700	449(SITU)	493(SITU)	896	1135	471	539	541
W (front/Rear)	390/241.2	446/281.4	390	446	446/281.4	488/299.6	471	539	1041
D	373	406	618	685	406	450	600	650	650
CARTON DIMS. (mm)									
H	687	761	440	496	959	1203	534	610	604
W(front/Rear)	459/271.5	515/315	664	732	515/315	560/334	517	591	1087
D	409	450	478	521	450	496	646	696	696
Weight Net(kg)	27.5	29.7	26	27	39.0	52	35	42.2	74.89
Gross Net(kg)	29.74	33	28.5	29	42.0	56.9	37.5	44.6	78.9