

**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.

[www.wharfedalepro.com](http://www.wharfedalepro.com)



## SPECIFICATIONS:



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