



NEW PRODUCT INFORMATION

INTERNAL DISTRIBUTOR USE ONLY. SPECIFICATIONS AND IMAGES SUBJECT TO CHANGE.

XR Amplifiers



Power, performance and..... price points!

The new **XR series of power amps** consists of 5 models. The XR3500, XR3000, XR2500, XR1500 and XR800 which deliver 1,000, 700, 500, 330 and 200 watts per channel into 8Ω respectively.

XR Series is positioned as an affordable amplification line up below the acclaimed CPD series - however practical features have not been overlooked.

All models feature XLR thru connectors, making cable management and daisy-chaining easy for installers or when used in flight cases. All models feature full circuitry protection for thermal, over current, DC, output short circuit along with power on/off muting. All models also feature ultra quiet variable speed fans.

Rear panel mode switches allow for selection between Parallel, Stereo and Bridge modes along with input sensitivity switching.

Large front air vents and steel construction aid heat dissipation to ensure the long life and reliable performance that comes with any Wharfedale Pro amplifier. Meanwhile, a huge toroidal transformer takes care of any AC power fluctuations.

XR amplifiers bring power and performance into a new price category.



Model	Watts per channel 8Ω
XR800	200w
XR1500	330w
XR2500	500w
XR3000	700w
XR3500	1000w



WHAT MAKES THEM GREAT?

- ✓ An affordable series of robust power amps
- ✓ Installation | Live sound | Touring
- ✓ Toroidal transformers
- ✓ Input sensitivity switching
- ✓ Full circuit protection

SPECIFICATIONS



Model Name	XR800	XR1500	XR2500	XR3000	XR3500
Stereo Power Output : RMS					
8Ω x 2	200w	330w	500w	700w	1000w
4Ω x 2	300w	450w	750w	1000w	1350w
Bridged Mono Power Output : RMS					
8Ω	600w	900w	1500w	2000w	2700w
Frequency Response(+/-10dB)	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz
Topology	Class AB	Class H	Class H	Class H	Class H Level - 3
Inputs	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR
Outputs	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)
	2 x XLR link	2 x XLR link	2 x XLR link	2 x XLR link	2 x XLR link
Input Sensitivity & impedance					
Sensitivity	0.775V or 1.4V	0.775V or 1.4V	0.775V or 1.4V	0.775V or 1.4V	0.775V or 1.4V
Balanced XLR input Impedance	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ
Maximum Input Level	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)
Voltage Gain	29dB	31dB	33dB	36dB	36dB
Slew Rate	>10V/us	>10V/us	>10V/us	>10V/us	>10V/us
Crosstalk	<-75dB	<-75dB	<-75dB	<-75dB	<-75dB
S/N	>100dB	>100dB	>100dB	>100dB	>100dB
Distortion (1W)	<0.05%	<0.05%	<0.05%	<0.05%	<0.05%
Damping Factor (8Ω), 10 Hz-400 Hz	>200	>200	>200	>200	>200
Dimensions	482 mm x 88 mm x 325 mm	482 mm x 88 mm x 325 mm	482 mm x 88 mm x 325 mm	482 mm x 88 mm x 325 mm	482 mm x 88 mm x 390 mm
Net Weight	12.0kg	13.3kg	14.0kg	14.1kg	18.0kg
Gross Weight	15.20kg	16.35kg	17.2kg	17.3kg	21.3kg

XR vs CPD

Model Name	XR800	CPD1000	XR1500	CPD1600	XR2500	CPD2600	XR3000	CPD3600	XR3500	CPD4800
Stereo Output : RMS										
8Ω x 2	200w	230w	330w	400w	500w	650w	700w	870w	1000w	1000w
4Ω x 2	300w	350w	450w	620w	750w	1000w	1000w	1300w	1350w	1500w
Bridged Output : RMS										
8Ω	600w	700w	900w	1200w	1500w	1940w	2000w	2590w	2700w	3000w
Frequency Response(+/-10dB)	20Hz - 20kHz	20Hz - 30kHz	20Hz - 20kHz	20Hz - 30kHz	20Hz - 20kHz	20Hz - 30kHz	20Hz - 20kHz	20Hz - 30kHz	20Hz - 20kHz	20Hz - 30kHz
Topology	Class AB	Class AB	Class H	Class AB	Class H	Class H	Class H	Class H	Class H Level - 3	Class H
Inputs	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR
Outputs	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4 +posts
Link outputs	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR
Sensitivity	0.775V or 1.4V	0.775V	0.775V or 1.4V	0.775V	0.775V or 1.4V	0.775V	0.775V or 1.4V	0.775V	0.775V or 1.4V	0.775V
Input Impedance	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ	20KΩ
Max Input Level	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)
Voltage Gain	29dB	35dB	31dB	37dB	33dB	39dB	36dB	41dB	36dB	42dB
Slew Rate	>10V/us	>40V / us	>10V/us	>40V / us	>10V/us	>40V / us	>10V/us	>40V / us	>10V/us	>40V / us
Crosstalk	<-75dB	<-70dB	<-75dB	<-70dB	<-75dB	<-70dB	<-75dB	<-70dB	<-75dB	<-70dB
S/N	>100dB	>100dB	>100dB	>100dB	>100dB	>100dB	>100dB	>100dB	>100dB	>100dB
Distortion (1W)	<0.05%	<0.02%	<0.05%	<0.02%	<0.05%	<0.02%	<0.05%	<0.02%	<0.05%	<0.02%
Damping (8Ω)	>200	>300	>200	>300	>200	>300	>200	>300	>200	>300
Dimensions mm	482 x 88 x 325	483 x 88 x 330	482 x 88 x 325	483 x 88 x 330	482 x 88 x 325	483 x 88 x 450	482 x 88 x 325	483 x 88 x 450	482 x 88 x 390	483 x 88 x 450
Net Weight	12.0kg	11.0kg	13.3kg	13.0kg	14.0kg	19.0kg	14.1kg	22.0kg	18.0kg	23.5kg



Errors and omissions excepted (E&OE) : Wharfedale Pro : 2018

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