

NEW PRODUCT INFORMATION

PRELIMINARY PRODUCT INFORMATION. SPECS & IMAGES SUBJECT TO CHANGE.

GPL Series

General Purpose Loudspeakers



With a more natural and prominent sound than standard point source systems, Wharfedale Pro announce the GPL Series.

Compact cabinets and coaxial drive units make the GPL series perfect for theatre, enterprise, bars, nightclubs and live music applications. 12 new models, including bass-reflex and a band-pass subwoofer, available in either black or white finishes means that the GPL series is serious for fixed installation projects where audio quality matters.

A unique characteristic of the GPL series is that all full range models feature an original design waveguide horn. This allows the high frequency range to be addressed directly to the audience and reduces undesired reflections. The "HQ" models of the series are equipped with a turntable constant directivity horn for even more accurate asymmetrical coverage.

WHAT MAKES THEM GREAT?

- ✓ Compact birch plywood construction
- ✓ Coaxial design drivers
- ✓ Multiple mounting options (Yoke brackets included)
- ✓ Conical or 80° x 40° (HQ models) dispersion options
- ✓ Band-pass or Bass Reflex subwoofers
- ✓ speakON compatible and barrier strip connections
- ✓ FIR Preset libraries and EASE .gll files available for download



GPL-12HQ
with 80 x 40 dispersion

WHEN ARE THEY AVAILABLE?

GPL Series

Shipping from April 2022

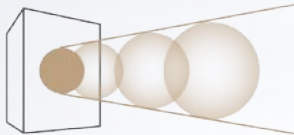
FULL RANGE MODELS IN DETAIL

GPL-5 / 5T

GPL-8 / 8T

GPL-12

GPL-15

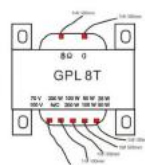
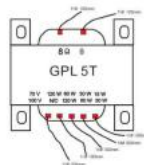


COAXIAL DRIVER

STEEL GRILLE

Protect the valuable drivers inside with the sturdy steel grille and protective foam inner.

70 V / 100 V "T" MODELS
For Hi-Z systems GPL-5T and GPL-8T are available



PLYWOOD

GPL Series use premium birch plywood to reduce any physical distortion

COAXIAL

Coxial driver deployment for compact cabinet and accurate phase alignment.

SPHERICAL WAVEGUIDE

for smooth Conical dispersion.

INSTALL FRIENDLY

Multiple M8 and M10 rigging points plus optional yokes make GPL series easy for fixed installation. Installation yoke is included.

DUAL FRONT PORTS

Front porting for enhanced bass response.

HQ MODELS

GPL-12HQ

GPL-15HQ

HQ Models

With the same design philosophy as 'standard' models, the HQ models have turnable waveguides and 80° x 40° dispersion

COAXIAL DRIVER

STEEL GRILLE

Protect the valuable drivers inside with the sturdy steel grille and protective foam inner.

PLYWOOD

GPL Series use premium birch plywood to reduce any physical distortion.

COAXIAL

Coxial driver deployment for compact cabinet and accurate phase alignment.

80° x 40°

For complete dispersion control, HQ models feature a turnable 80° x 40° waveguide. Perfect for customisation.

INSTALL FRIENDLY

Multiple M8 and M10 rigging points plus optional yokes make GPL series easy for fixed installation. Installation yoke is included.

FRONT PORTS

Front porting for enhanced bass response.

SUBWOOFERS IN DETAIL

GPL-28B



Discrete or Parallel modes

Switch between discrete or parallel modes for the ultimate in system flexibility.



GPL-115B, GPL-118B, GPL-218B

PLYWOOD CONSTRUCTION

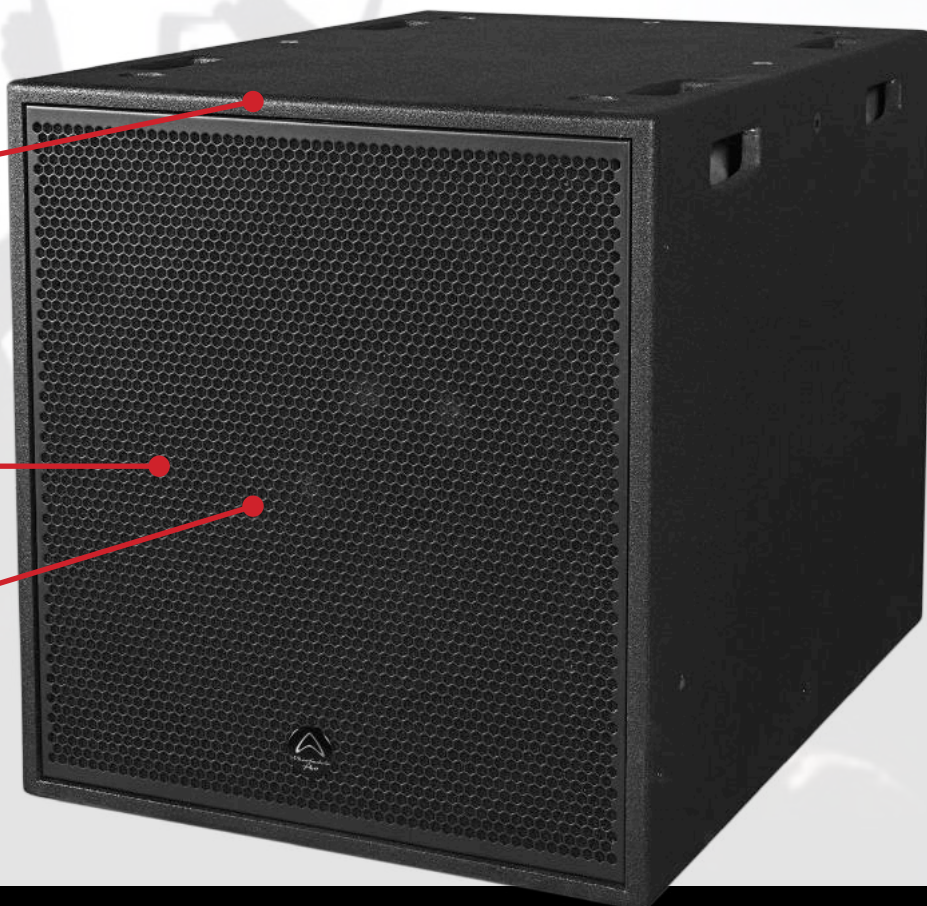
GPL series subs use 18 mm premium Baltic birch plywood and are covered in durable Rhino rock black paint

STEEL GRILLES

To keep those valuable drivers protected, GPL series subs have all-steel grilles and an inner foam to reduce dust ingress.

4.0" VOICE COILS

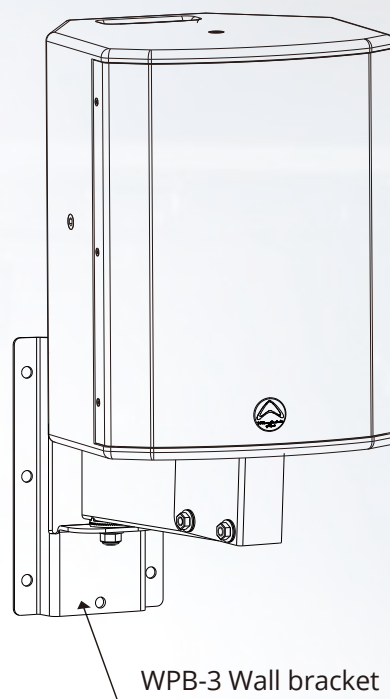
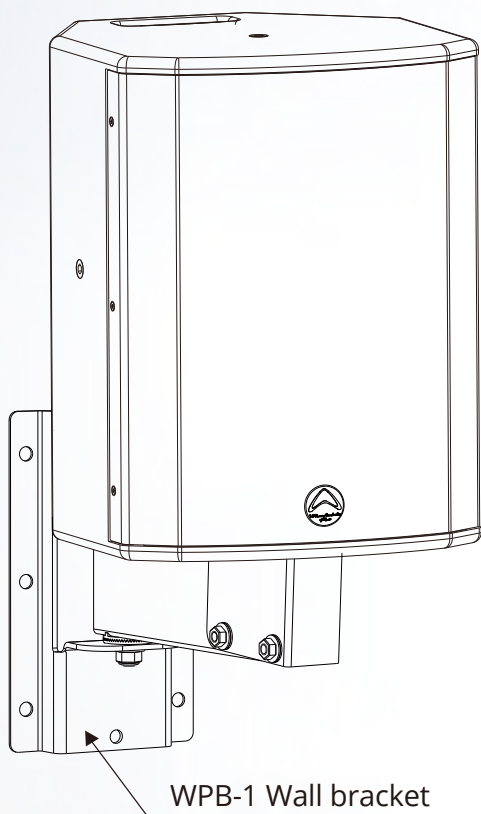
Custom Wharfedale Pro drivers deliver the power and dynamics demanded by the audience.



INSTALLATION HARDWARE

Installations can be complicated enough, so Wharfedale Pro have made GPL series as easy as possible.

GPL-5 and GPL-8 are quickly fixed to a wall using the WPB-3 wall bracket or the included steel yoke.

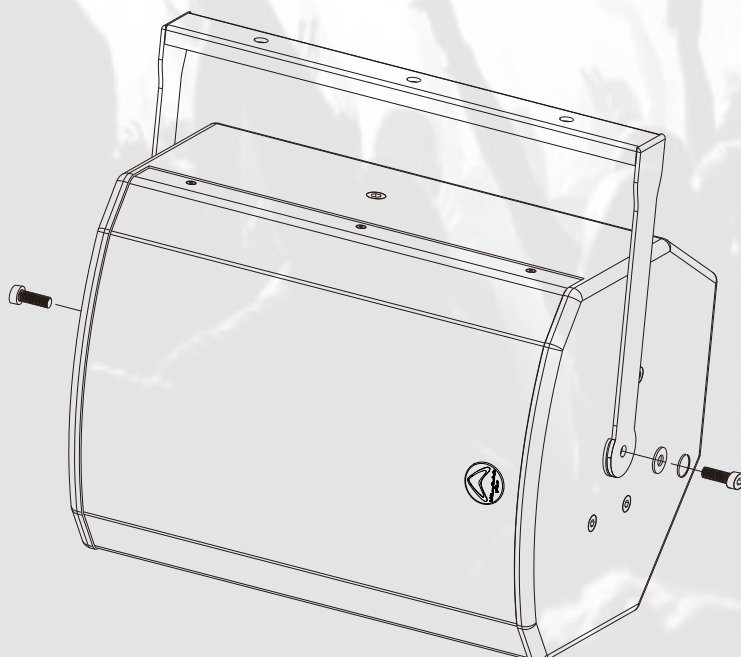


GPL-12, GPL-12HQ, GPL-15 and GPL-15HQ are quickly fixed to a wall using the WPB-1 wall bracket or the included steel yoke.

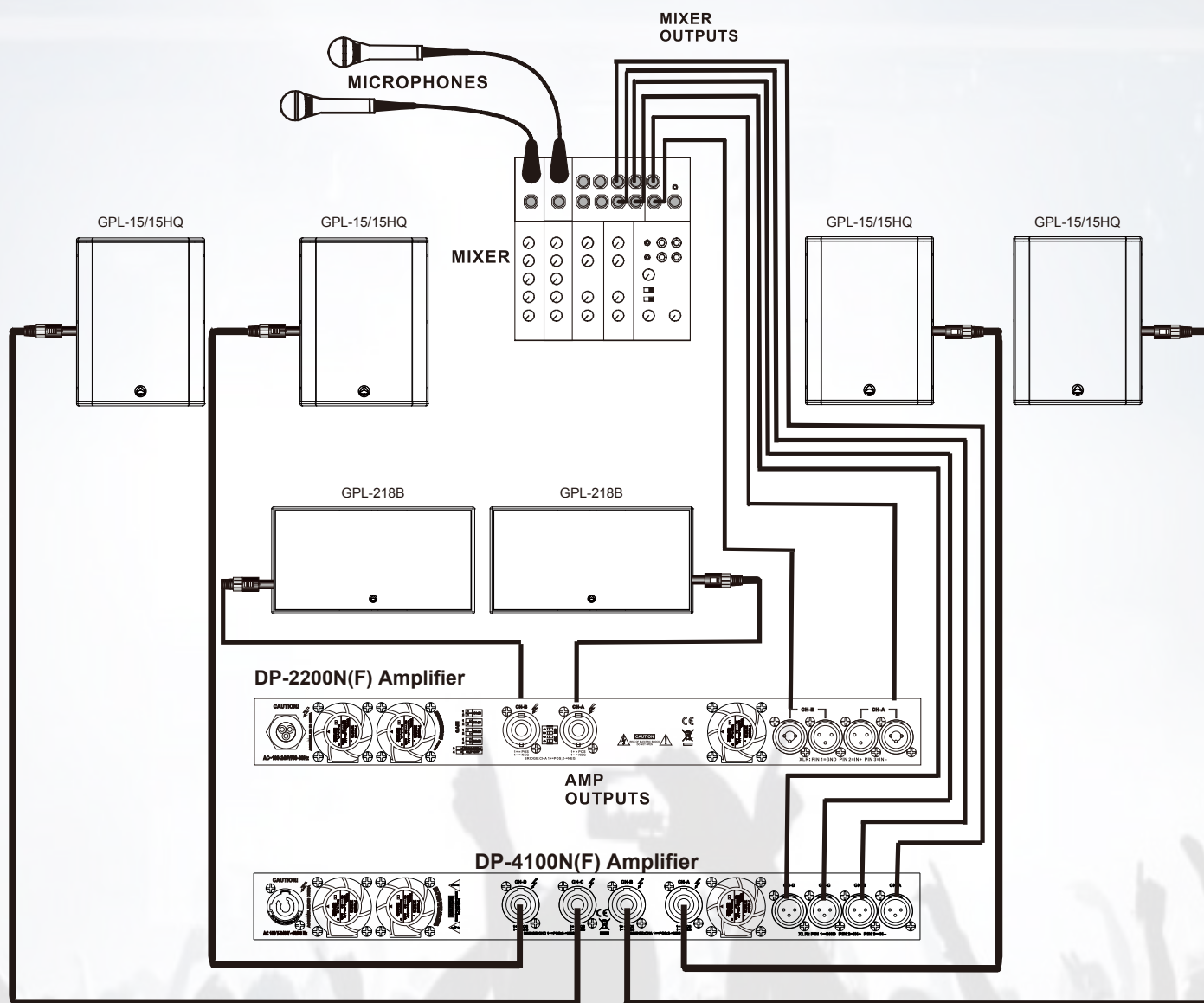
These models are also compatible with Powerdrive Series 100 or Omnimount Series 60 installation brackets.

All full range models also have installation yokes INCLUDED.

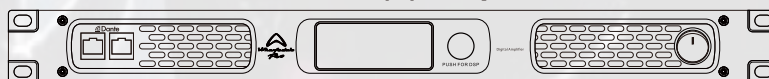
A tidy and quick solution for impressive installations.



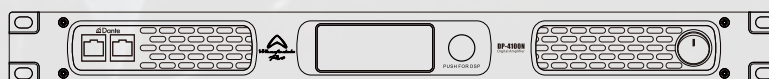
SYSTEM EXAMPLE



DP-2200N(F) Amplifier



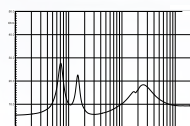
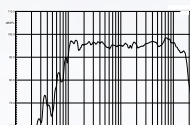
DP-4100N(F) Amplifier



THE LINE UP

GPL-5

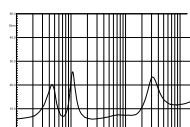
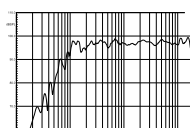
5" Coaxial
2-way



- 70° conical coverage
- 200 W AES (Continuous)
- 400 W Programme
- 800 W Peak
- 1.5" LF Voice coil
- 125 dB Max SPL @ 1 m
- 70 V / 100 V 'T' model also available

GPL-8

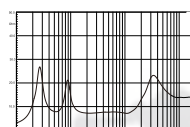
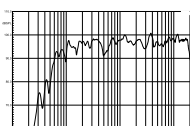
8" Coaxial
2-way



- 70° conical coverage
- 350 W AES (Continuous)
- 700 W Programme
- 1400 W Peak
- 2.5" LF Voice coil
- 128 dB Max SPL @ 1 m
- 70 V / 100 V 'T' model also available

GPL-12

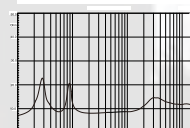
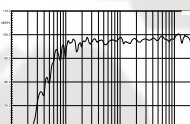
12" Coaxial
2-way



- 60° conical coverage
- 450 W AES (Continuous)
- 900 W Programme
- 1800 W Peak
- 4.0" LF Voice coil
- 131 dB Max SPL @ 1 m

GPL-12HQ

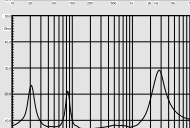
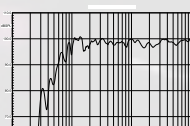
12" Coaxial
2-way



- 80° x 40° constant directivity waveguide
- 450 W AES (Continuous)
- 900 W Programme
- 1800 W Peak
- 4.0" LF Voice coil
- 131 dB Max SPL @ 1 m

GPL-15

15" Coaxial
2-way

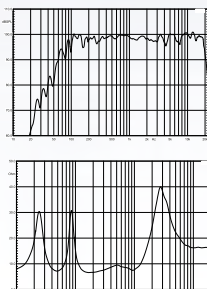


- 60° conical coverage
- 500 W AES (Continuous)
- 1000 W Programme
- 2000 W Peak
- 4.0" LF Voice coil
- 132 dB Max SPL @ 1 m

THE LINE UP

GPL-15HQ

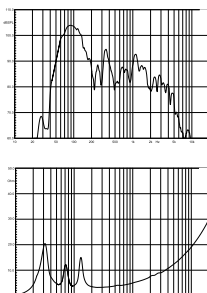
15" Coaxial
2-way



- 80° x 40° constant directivity waveguide
- 500 W AES (Continuous)
- 1000 W Programme
- 2000 W Peak
- 4.0" LF Voice coil
- 132 dB Max SPL @ 1 m

GPL-28B

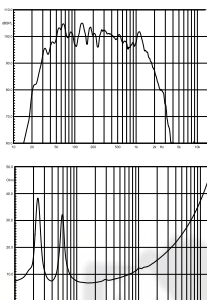
2 x 8" Sub



- Discrete and Parallel modes
- 400 W AES (Continuous) Parallel
- 800 W Programme - Parallel
- 1600 W Peak - Parallel
- 2.5" LF Voice coils
- 135 dB Max SPL @ 1 m

GPL-115B

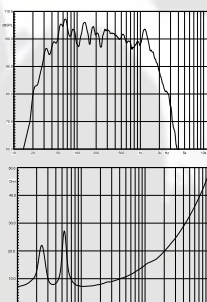
15" Sub



- 700 W AES (Continuous)
- 1400 W Programme
- 2800 W Peak
- 4.0" LF Voice coil
- 139 dB Max SPL @ 1 m

GPL-118B

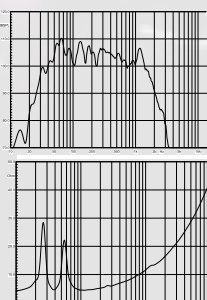
18" Sub



- 1000 W AES (Continuous)
- 2000 W Programme
- 4000 W Peak
- 4.0" LF Voice coil
- 140 dB Max SPL @ 1 m

GPL-218B

2 x 18" Sub



- 2000 W AES (Continuous)
- 4000 W Programme
- 8000 W Peak
- 4.0" LF Voice coils
- 148 dB Max SPL @ 1 m

SPECIFICATIONS



Model Name	GPL-5 / 5T	GPL-8 / 8T	GPL-12	GPL-12HQ	GPL-15	GPL-15HQ
System Type	5" coaxial passive	8" coaxial passive	12" coaxial passive	12" coaxial passive	15" coaxial passive	15" coaxial passive
Configuration	two-way	two-way	two-way	two-way	two-way	two-way
Frequency Response (+/-3 dB) (DP-N pre-set)	80 Hz - 20 KHz	65 Hz - 20 KHz	55 Hz - 20 KHz	55 Hz - 20 KHz	42 Hz - 20 KHz	42 Hz - 20 KHz
Frequency Range (-10 dB) (DP-N pre-set)	68 Hz - 25 KHz	53 Hz - 25 KHz	35 Hz - 25 KHz	35 Hz - 25 KHz	25 Hz - 25 KHz	25 Hz - 25 KHz
Sensitivity 2.83 V/1 m	96 dB	97 dB	98 dB	98 dB	99 dB	99 dB
Sensitivity 2.83 V/1 m half space	/	/	/	/	/	/
Calculated Maximum SPL @1 m	125 dB	128 dB	131 dB	131 dB	132 dB	132 dB
System Peak SPL*	131 dB	134 dB	137 dB	137 dB	138 dB	138 dB
*level at 1 m using pink noise with crest factor 4, with dedicated pre-set.						
System Rated Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
Low Frequency Transducer						
Size	155 mm / 5"	211.5 mm / 8"	312 mm / 12"	312 mm / 12"	388 mm / 15"	388 mm / 15"
Voice coil size	38.1 mm / 1.5"	63.5 mm / 2.5"	101.6 mm / 4.0"	101.6 mm / 4.0"	101.6 mm / 4.0"	101.6 mm / 4.0"
LF Frame Material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
High Frequency Transducer						
HF Driver Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver
Coil Size (mm / inches)	38.1 mm / 1.5"	44.4 mm / 1.75"	72.2 mm / 2.87"	72.2 mm / 2.87"	72.2 mm / 2.87"	72.2 mm / 2.87"
Exit Size (mm / inches)	25.4 / 1"	25.4 / 1"	38.1 / 1.5"	38.1 / 1.5"	38.1 / 1.5"	38.1 / 1.5"
Diaphragm Material	PM4	PM4	Composite titanium / polyester	Composite titanium / polyester	Composite titanium / polyester	Composite titanium / polyester
Waveguide Type	Spherical	Spherical	Spherical	Constant Directivity	Spherical	Constant Directivity
Nominal Coverage (H x V)	70° conical	70° conical	60° conical	80° x40°	60° conical	80° x40°
Special Features	Copper Demodulating rings in both LF and HF units. FEA optimized, Shared High performing Ferrite magnet system design					
	Waterproof LF cone					
Power						
T model	70 V : 120 / 60 / 30 / 15 W 100 V : 120 / 60 / 30 W	70 V : 200 / 100 / 50 / 25 W 100 V : 200 / 100 / 50 W	-	-	-	-
System Continuous Power (W)	200	350	450	450	500	500
System Programme Power (W)	400	700	900	900	1000	1000
System Peak Power (W)	800	1400	1800	1800	2000	2000
Crossover Frequency	2.5 KHz	1.6 KHz	1.2 KHz	1.2 KHz	1.2 KHz	1.2 KHz
Recommended HPF = BW18dB/oct.	63 Hz	48 Hz	30 Hz	30 Hz	25 Hz	25 Hz
Input Connector	2 x speakON compatible / 1 x Barrier Strip					
Rigging & Hardware:	2 x M10 threaded rigging points. 4 x M8 threaded points for WPB-3	2 x M10 threaded rigging points. 4 x M8 threaded points for WPB-3	4 x M10 threaded rigging points. 4 x M8 threaded points for WPB-1/or OmnimountTM Series 60/PowerdriveTM Series 100 products	4 x M10 threaded rigging points. 4 x M8 threaded points for WPB-1/or OmnimountTM Series 60/PowerdriveTM Series 100 products	4 x M10 threaded rigging points. 4 x M8 threaded points for WPB-1/or OmnimountTM Series 60/PowerdriveTM Series 100 products	4 x M10 threaded rigging points. 4 x M8 threaded points for WPB-1/or OmnimountTM Series 60/PowerdriveTM Series 100 products
Included Accessories	GPL-5 horizontal flying yoke	GPL-8 horizontal flying yoke	GPL-12 horizontal flying yoke	GPL-12 horizontal flying yoke	GPL-15 horizontal flying yoke	GPL-15 horizontal flying yoke
Handle	NO	1 on back	1 on back	1 on back	1 on back	1 on back
Cabinet Type	Trapezoid	Trapezoid	Trapezoid	Trapezoid	Trapezoid	Trapezoid
Enclosure Material and finish	12 mm plywood	12 mm plywood	15 mm plywood	15 mm plywood	15 mm plywood	15 mm plywood
Colour Options	Black paint, White on request					
Grille Material & Finish	Powder coated steel					
Dimensions - Unpacked						
Height	235 mm / 9.25"	388 mm / 15.3"	486 mm / 19.1"	486 mm / 19.1"	590 mm / 23.2"	590 mm / 23.2"
Width Front	190 mm / 7.5"	280 mm / 11.0"	370 mm / 14.6"	370 mm / 14.6"	450 mm / 17.7"	450 mm / 17.7"
Width Rear	145 mm / 5.7"	180 mm / 7.1"	182 mm / 7.2"	182 mm / 7.2"	180 mm / 7.1"	180 mm / 7.1"
Depth	205 mm / 8.1"	275 mm / 10.8"	360 mm / 14.2"	360 mm / 14.2"	420 mm / 16.5"	420 mm / 16.5"
Dimensions - Packed (mm / inches):						
Height	275 mm / 10.8"	448 mm / 17.6"	546 mm / 21.5"	546 mm / 21.5"	650 mm / 25.6"	650 mm / 25.6"
Width Front	250 mm / 9.8"	335 mm / 13.2"	420 mm / 16.5"	420 mm / 16.5"	480 mm / 18.9"	480 mm / 18.9"
Width Rear	250 mm / 9.8"	335 mm / 13.2"	420 mm / 16.5"	420 mm / 16.5"	480 mm / 18.9"	480 mm / 18.9"
Depth	265 mm / 10.4"	340 mm / 13.4"	430 mm / 16.9"	430 mm / 16.9"	510 mm / 20.1"	510 mm / 20.1"
Weight						
Net Weight	5.12 kg / 11.30 lbs	9.78 kg / 21.52 lbs	22.0 kg / 48.4 lbs	22.0 kg / 48.4 lbs	26.0 kg / 57.2 lbs	26.0 kg / 57.2 lbs
Gross Weight	5.70 kg / 12.5 lbs	10.82 kg / 23.80 lbs	23.64 kg / 52.1 lbs	23.64 kg / 52.1 lbs	28.36 kg / 62.4 lbs	28.36 kg / 62.4 lbs

Errors and omissions excepted (E&OE) : Wharfedale Pro : 2022



WWW.WHARFEDALEPRO.COM

SPECIFICATIONS



Model Name	GPL-28B	GPL-115B	GPL-118B	GPL-218B
System Type	2x8" Passive	15" Subwoofer	18" Subwoofer	2X18" Subwoofer
Configuration	Dual Xband-pass Subwoofer	Single Bass-Reflex Subwoofer	Single Bass-Reflex Subwoofer	Dual Bass-Reflex Subwoofer
Frequency Response (+/-3 dB) (DP-N pre-set)	/	/	/	/
Frequency Range (-10 dB) (DP-N pre-set)	48 Hz - 150 Hz	32 Hz - 125Hz	28- 100 Hz	25- 100 Hz
Sensitivity 2.83 V/1 m	/	/	/	/
Sensitivity 2.83 V/1 m half space	103 dB (half space)	104 dB (half space)	105 dB (half space)	109 dB (half space)
Calculated Maximum SPL @1 m	135 dB (half space)	139 dB (half space)	140 dB (half space)	148 dB (half space)
System Peak SPL*	141 dB (half space)	145 dB (half space)	146 dB (half space)	154 dB (half space)
*level at 1 m using pink noise with crest factor 4, with dedicated pre-set.				
System Rated Impedance	Parallel:4 Ω Discrete:8 Ω x 2	8 Ω	8 Ω	4 Ω
Low Frequency Transducer				
Size	211.5 mm / 8"	404 mm / 15"	470 mm / 18"	470 mm / 18"
Voice coil size	63.5 mm / 2.5"	102 mm / 4"	102 mm / 4"	102 mm / 4"
LF Frame Material	Aluminium	Aluminium	Aluminium	Aluminium
Driver brand	Wharfedale Pro	Wharfedale Pro	Wharfedale Pro	Wharfedale Pro
Power				
System Continuous Power (W)	400 W Parallel / 200 W x 2 Discrete	700	1000	2000
System Programme Power (W)	800 W Parallel / 400 W x 2 Discrete	1400	2000	4000
System Peak Power (W)	1600 W Parallel / 800 W x 2 Discrete	2800	4000	8000
Input Connector	2 x speakON compatible / 1 x Barrier Strip			
Rigging & Hardware:	16 x M10 threaded rigging points.	12 x M10 threaded rigging points.	12 x M10 threaded rigging points.	NO
Included Accessories				
Handle	2 on Sides	4 on Sides	4 on Sides	4 on Sides
Cabinet Type	Rectangle	Rectangle	Rectangle	Rectangle
Enclosure Material and finish	18 mm plywood / Rhino Rock	18 mm plywood / Rhino Rock	18 mm plywood / Rhino Rock	18 mm plywood / Rhino Rock
Colour Options	Black paint, White on request	Black paint, White on request	Black paint, White on request	Black paint, White on request
Grille Material & Finish	Powder coated steel	Powder coated steel	Powder coated steel	Powder coated steel
Dimensions - Unpacked				
Height	300 mm / 11.8"	530 mm / 20.9"	600 mm / 23.6"	560 mm / 22.0"
Width Front	740 mm / 29.1"	470 mm / 18.5"	560 mm / 22.0"	1065 mm / 41.9"
Width Rear	740 mm / 29.1"	470 mm / 18.5"	560 mm / 22.0"	1065 mm / 41.9"
Depth	450 mm / 17.7"	630 mm / 24.8"	756 mm / 29.8"	756 mm / 29.8"
Dimensions - Packed (mm / inches):				
Height	370 mm / 14.6"	600 mm / 23.6"	670 mm / 26.4"	638 mm / 25.1"
Width Front	800 mm / 31.5"	530 mm / 20.9"	633 mm / 24.9"	1138 mm / 44.8"
Width Rear	800 mm / 31.5"	530 mm / 20.9"	633 mm / 24.9"	1138 mm / 44.8"
Depth	510 mm / 20.1"	690 mm / 27.2"	829 mm / 32.6"	829 mm / 32.6"
Weight				
Net Weight	25.0 kg / 55 lbs	32.5 kg / 71.5 lbs	44.0 kg / 96.8 lbs	75.0 kg / 165 lbs
Gross Weight	27.0 kg / 59.4 lbs	36.0 kg / 79.2 lbs	53.7 kg / 121.44 lbs	87.7 kg / 192.9 lbs



Errors and omissions excepted (E&OE) : Wharfedale Pro : 2022

WWW.WHARFEDALEPRO.COM