



WDG Passive Monitors

Quick Start Guide

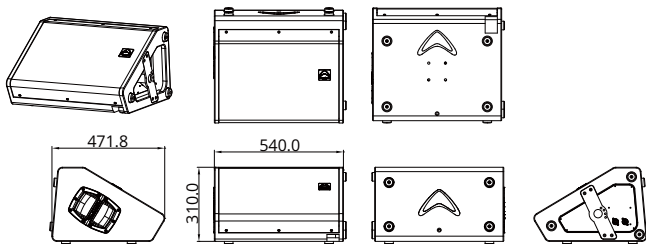
Congratulations on the purchase of your WDG series monitor. We take great pride in engineering and building every Wharfedale Pro product so thank you for entrusting us with your audio. From the time Gilbert Briggs built his first Wharfedale loudspeaker in 1932, to the present day, we have maintained the same standard of quality in components, workmanship and performance. For safety reasons and to get the most from your new loudspeaker please take the time to read this guide completely.



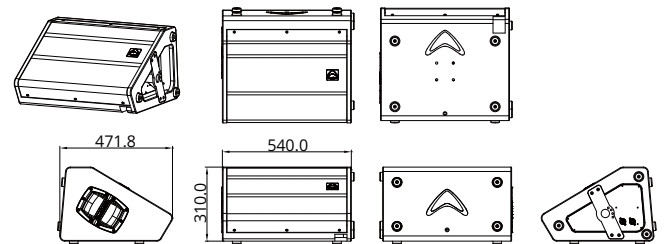
To get the most from your system and to protect it from potential damage, always use with Factory DSP Presets. Preset libraries are available for many of our DSP equipped amps and processors. These presets can be downloaded from <https://www.wharfedalepro.com/download/wharfedale-pro-preset-library/>

WDG-12 / X12 Dimensional Drawings

WDG-12

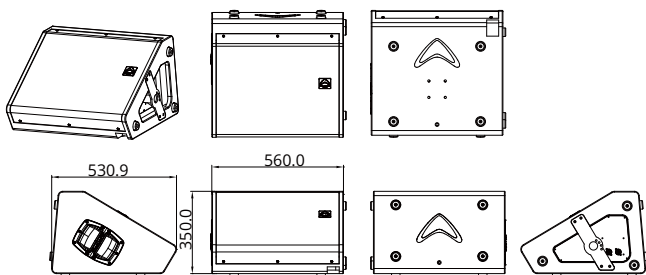


WDG-X12

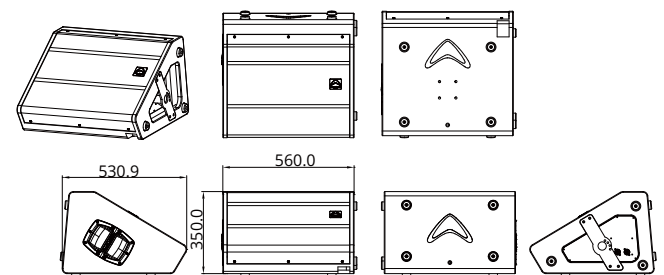


WDG-15 / X15 Dimensional Drawings

WDG-15

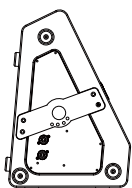


WDG-X15

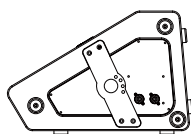


WDG can be used.....

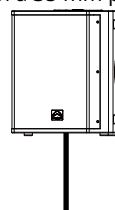
25 degrees for far field



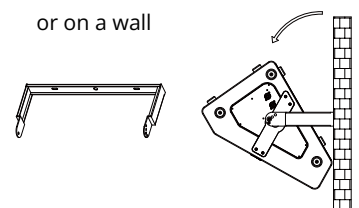
60 degrees for near field



On a 35 mm pole

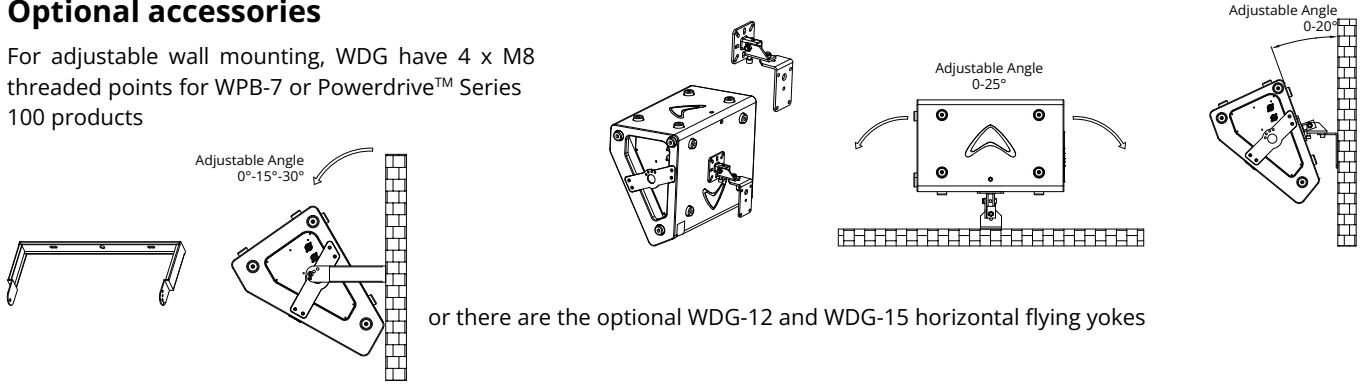


or on a wall



Optional accessories

For adjustable wall mounting, WDG have 4 x M8 threaded points for WPB-7 or Powerdrive™ Series 100 products



or there are the optional WDG-12 and WDG-15 horizontal flying yokes

Specifications

Model Name	WDG-12	WDG-15	WDG-X12	WDG-X15
System Type	12" Coaxial Passive	15" Coaxial Passive	12" Coaxial Passive	15" Coaxial Passive
Configuration	Two-Way			
Frequency Response (+/-3 dB)	58 Hz - 20 KHz	48 Hz - 20 KHz	55 Hz - 20 KHz	42 Hz - 20 KHz
Frequency Range (-10 dB)	40 Hz - 25 KHz	35 Hz - 25 KHz	35 Hz - 25 KHz	25 Hz - 25 KHz
Sensitivity 2.83 V / 1 m	98 dB	99 dB	98 dB	99 dB
Calculated Maximum SPL @1 m	127 dB	129 dB	131 dB	132 dB
System Peak SPL*	133 dB	135 dB	137 dB	138 dB
System Rated Impedance	8 Ω			
Low Frequency Transducer				
Size (mm / inches)	312 mm / 12"	388 mm / 15"	312 mm / 12"	388 mm / 15"
Voice Coil Size (mm / inches)	65 mm / 2.5"	77 mm / 3"	101.6 mm / 4.0"	101.6 mm / 4.0"
LF Frame Material	Aluminium			
High Frequency Transducer				
HF Driver Type	Compression Driver			
Coil Size (mm / inches)	51 mm / 2"		72.2 mm / 2.87"	
Exit Size (mm / inches)	25.4 mm / 1"		38.1 mm / 1.5"	
Diaphragm Material	Titanium		Composite Titanium / Polyester	
Waveguide Type	Spherical		Constant Directivity	
Nominal Coverage (H x V)	70°		80° x 40°	80° x 40° - Rotatable
Special Features	- Copper Demodulating rings in both LF and HF units - Waterproof LF cone - Shared High performing Ferrite magnet system design			
Driver Brand	Wharfedale Pro		Beyma	
Power				
System Continuous Power	250 W	300 W	450 W	500 W
System Programme Power	500 W	600 W	900 W	1000 W
System Peak Power	1000 W	1200 W	1800 W	2000 W
Crossover frequency	2 KHz	2 KHz	1.2 KHz	1.2 KHz
Recommended HPF = BW 18 dB/oct.	35 Hz	30 Hz	30 Hz	25 Hz
Rigging & Hardware	4 x M8, 35 mm Pole-mount 4 x M8 threaded points for WPB-7 or Powerdrive™ Series 100 products			
Optional Accessories	- WDG-12 horizontal flying yoke - Heavy-duty transport soft cover	- WDG-15 horizontal flying yoke - Heavy-duty transport soft cover	- WDG-12 horizontal flying yoke - Heavy-duty transport soft cover	- WDG-15 horizontal flying yoke - Heavy-duty transport soft cover
Handle	1 On Top			
Enclosure				
Cabinet Type	Wedge Shape			
Enclosure Material	15 mm Plywood			
Finish	Tough-Tone			
Colour Options	Black paint, White on request			
Grille Material & Finish	Powder Coated Steel			
Monitor Angle (degrees)	60 - 25			
Dimensions - Unpacked				
Height	310 mm / 12.2"	350 mm / 13.8"	310 mm / 12.2"	350 mm / 13.8"
Width	540 mm / 21.3"	560 mm / 22.05"	540 mm / 21.3"	560 mm / 22.05"
Depth	471.7 mm / 18.6"	530.8 mm / 20.9"	471.7 mm / 18.6"	530.8 mm / 20.9"
Dimensions - Packed				
Height	635 mm / 24.9"	655 mm / 25.8"	635 mm / 24.9"	655 mm / 25.8"
Width	560 mm / 22.1"	625 mm / 24.6"	560 mm / 22.1"	625 mm / 24.6"
Depth	398 mm / 15.7"	435 mm / 17.1"	398 mm / 15.7"	435 mm / 17.1"
Weight				
Net Weight	20.0 Kg / 44 lbs	24.3 Kg / 53.5 lbs	25.1 Kg / 55.2 lbs	27.8 Kg / 61.2 lbs
Gross Weight	23.0 Kg / 50.6 lbs	27.8 Kg / 61.2 lbs	28.1 Kg / 61.8 lbs	31.9 Kg / 70.2 lbs

* Level at 1 m using pink noise with crest factor 4, with dedicated preset.

WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro products are warranted of manufacturing or material defects for a period of three years from the original date of purchase. In the event of malfunction, contact your authorised Wharfedale Pro dealer or distributor for information. Please be aware that the warranty details may differ from country to country. Contact your dealer or distributor for information (available at www.wharfedalepro.com). These terms do not infringe your statutory rights.



WHARFEDALE PRO
 IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK
www.wharfedalepro.com
 Wharfedale Pro reserve the right to alter or improve specifications without notice.
 All rights reserved © 2024 Wharfedale Pro. Wharfedale Pro is a member of the IAG Group.