



DVP-X SERIES

ROAD-READY LOUDSPEAKERS DESIGNED
FOR HARDWORKING PERFORMERS

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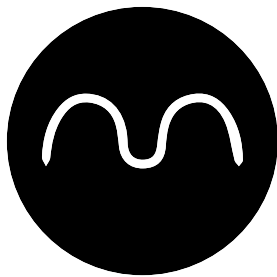


ROAD-READY LOUDSPEAKERS SPECIFICALLY DESIGNED FOR HARDWORKING PERFORMERS

The all-new DVP-X range has been specifically built for hardworking musicians and DJ's on the road. Covering all live sound applications this 8 model passive line up includes all sizes from a full range 12" through to the huge 4000w, 138dB 2 x 18" subwoofer.

Tough and ready

The MDF cabinets of DVP-X are protected by an enhanced version of Wharfedale Pro's proprietary Rhino Rock paint. This superior finish gives improved protection against chips, dinks and clunks during transportation. DVP-X will look as good as new even after many successful tours, parties and events. The iconic Wharfedale Pro logo is also CNC routed into the cabinet design.



Drivers

But DVP-X is more than just a strong cabinet. The drivers use the latest Wharfedale Pro custom driver technology. For the LF drivers, a curvilinear, double-roll surround is used for smooth mid-high transitions and stability for low through to mid-range frequencies. All models have category leading 2.5" voice coils for improved thermal dissipation.

IRIS X driver technologies

The coil size and electrical sensitivity of a loudspeaker transducer is critical to its performance. DVP-X full range models include our proprietary IRIS X design which delivers Increased coil Radius and Increased electrical Sensitivity. The radius of the coil ensures smooth heat dissipation during prolonged high volume use, while the increased electrical sensitivity ensures that the transducer converts as much electrical power into sound output as the laws of physics allow.

A hot transducer wastes energy, risks damage and distorts. IRIS X reduces this through improved heat dissipation and improved efficiency.

In real-world terms, IRIS X transducers deliver higher SPL with less distortion. They lead the market with specifications and are designed and built entirely within Wharfedale Pro.



I Increased I Increased
R Radius S Sensitivity

Elliptical Waveguides

To harness the power of the IRIS X compression driver, Wharfedale Pro engineers have also selected a 90° x 60° elliptical waveguide optimised for wide coverage in multiple venues while touring. Smooth, controllable and predictable dispersion.

Tops, bottoms and everything in-between.

The DVP-X lineup is comprehensive - letting you select and evolve the system you need. With versatile, dual angle pole sockets its also simple to make sure your sound hits the audience without compromise.

Ports

Special attention has been paid to the port and port mouth to ensure a huge bass output with detail and minimised distortion. For the floor monitors, the port mouth lies parallel to the ground, creating a reflective boundary effect to guarantee low-end delivery. Each port on each speaker has been tuned individually for low-end punch.



SUMMARY

- Individually tuned front ported systems for clear, punchy bass
- Enhanced Rhino Rock paint for a chip resistant finish
- Extended-range, super sensitive IRIS X Titanium dome HF compression drivers
- High powered, 2.5" voice coil, LF drivers using a double-roll surround
- Fine-tuned crossovers, built in house for audio signal purity and optimised tuning
- HF limiters are installed for thermal protection against extreme power input

At a glance...



DVP-X12
2-way 12", 8Ω
129dB Max SPL
600w Programme
1200w Peak



DVP-X15
2-way 15", 8Ω
130dB Max SPL
700w Programme
1400w Peak



DVP-X215
2-way 2 x 15", 8Ω
135dB Max SPL
1400w Programme
2800w Peak



DVP-X12M
2-way 12" monitor, 8Ω
129dB Max SPL
600w Programme
1200w Peak



DVP-X15M
2-way 15" monitor, 8Ω
130dB Max SPL
700w Programme
1400w Peak



DVP-X15B
15" subwoofer, 4Ω
130dB Max SPL
800w Programme
1600w Peak



DVP-X18B
18" subwoofer, 4Ω
133dB Max SPL
1000w Programme
2000w Peak



DVP-X218B
2 x 18" subwoofer, 4Ω
138dB Max SPL
2000w Programme
4000w Peak

SPECIFICATIONS



Model Name	DVP-X12	DVP-X12M	DVP-X15	DVP-X15M
System Type	Passive	Passive	Passive	Passive
Configuration	Two-way	Two-way	Two-way	Two-way
Frequency Response (+/-3dB)	60-18kHz	60-18kHz	50-18kHz	55-18kHz
Frequency Range (-10dB)	55-20kHz	55-20kHz	45-20kHz	50-20kHz
Sensitivity (2.83v/1m)	98dB	98dB	98dB	98dB
Calculated Maximum SPL @1m	129dB	129dB	130dB	130dB
System Rated Impedance	8Ω	8Ω	8Ω	8Ω
Low Frequency Transducer				
Size	305mm / 12"	305mm / 12"	381mm / 15"	381mm / 15"
Voice-Coil Size	65mm / 2.5"	65mm / 2.5"	65mm / 2.5"	65mm / 2.5"
Rated Impedance	8Ω	8Ω	8Ω	8Ω
LF Power (re:AES2-2012)	300W	300W	350W	350W
High Frequency Transducer				
HF Driver Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver
Voice-Coil Size	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"
Exit Size	25mm / 1"	25mm / 1"	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium	Titanium	Titanium
Rated Impedance	8Ω	8Ω	8Ω	8Ω
HF Power (re:AES2-2012)	40W	40W	40W	40W
Nominal Coverage (H x V)	90°x60°	90°x60°	90°x60°	90°x60°
Nominal Impedance	8Ω	8Ω	8Ω	8Ω
Power				
System Continuous Power	300W	300W	350W	350W
System Programme Power	600W	600W	700W	700W
System Peak Power	1200W	1200W	1400W	1400W
Crossover frequency	2.2kHz	2.2kHz	2.2kHz	2.2kHz
Input Connector	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo
Hardware	Dual-angle (0° or 10°) 35mm pole socket	N/A	Dual-angle (0° or 10°) 35mm pole socket	N/A
	2 carry handles	2 carry handles	2 carry handles	2 carry handles
Enclosure				
Enclosure Material and finish	MDF	MDF	MDF	MDF
Colour Options	black paint	black paint	black paint	black paint
Grille Material & Finish	steel	steel	steel	steel
Dimensions - Unpacked				
Height	617mm / 24.3"	428mm / 16.9"	689mm / 27.1"	520mm / 20.5"
Width Front	361.2mm / 14.2"	359mm / 14.1"	443.5mm / 17.5"	449mm / 17.7"
Width Rear	207.6mm / 8.2"	359mm / 14.1"	243.5mm / 9.6"	449mm / 17.7"
Depth	342.4mm / 13.5"	537mm / 21.1"	429.0mm / 16.9"	640mm / 25.2"
Dimensions - Packed				
Height	680mm / 26.8"	396mm / 15.6"	750mm / 29.5"	485mm / 19.1"
Width Front	438mm / 17.3"	573mm / 22.6"	520mm / 20.5"	676mm / 26.6"
Width Rear	236mm / 9.3"	573mm / 22.6"	290mm / 11.4"	676mm / 26.6"
Depth	428mm / 16.9"	448mm / 17.6"	485mm / 19.1"	541mm / 21.3"
Weight				
Net Weight	17.6kg / 38.7lbs	17.4kg / 38.2lbs	22kg / 48.4lbs	21.5kg / 47.3lbs
Gross Weight	20.6kg / 45.3lbs	20.5kg / 45.1lbs	26kg / 57.2lbs	24.5kg / 53.9lbs



Model Name	DVP-X215	DVP-X15B	DVP-X18B	DVP-X218B
System Type	Passive	Passive	Passive	Passive
Configuration	Two-way	subwoofer	subwoofer	subwoofer
Frequency Response (+/-3dB)	45-18kHz	45-150Hz	35-150Hz	35-150Hz
Frequency Range (-10dB)	40-20kHz	38-150Hz	30-150Hz	30-150Hz
Sensitivity (2.83v/1m)	101dB	98dB	99dB	102dB
Calculated Maximum SPL @1m	135dB	130dB	133dB	138dB
System Rated Impedance	4Ω	4Ω	4Ω	4Ω
Low Frequency Transducer				
Size	2 x 381mm / 15"	381mm / 15"	470mm / 18"	2 x 470mm / 18"
Voice-Coil Size	65mm / 2.5"	65mm / 2.5"	65mm / 2.5"	65mm / 2.5"
Rated Impedance	8Ω	4Ω	4Ω	8Ω
LF Power (re:AES2-2012)	700W	400W	500W	1000W
High Frequency Transducer				
HF Driver Type	Compression Driver			
Voice-Coil Size	44mm / 1.75"			
Exit Size	25mm / 1"			
Diaphragm Material	Titanium			
Rated Impedance	8Ω			
HF Power (re:AES2-2012)	40W			
Nominal Coverage (H x V)	90°x60°			
Nominal Impedance	8Ω			
Power				
System Continuous Power	700W	400W	500W	1000W
System Programme Power	1400W	800W	1000W	2000W
System Peak Power	2800W	1600W	2000W	4000W
Crossover frequency	2.2kHz	150Hz	150Hz	
Input Connector	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo	2 x NL4 (speakON compatible) + 1/4" Jack combo
Hardware	N/A	35mm pole socket	35mm pole socket	2 x 35mm pole socket
	2 carry handles	2 carry handles	2 carry handles	2 carry handles
Enclosure				
Enclosure Material and finish	MDF	MDF	MDF	MDF
Colour Options	black paint	black paint	black paint	black paint
Grille Material & Finish	steel	steel	steel	steel
Dimensions - Unpacked				
Height	1058mm / 41.7"	591mm / 23.3"	650mm / 25.6"	650mm / 25.6"
Width Front	444.5mm / 17.5"	454mm / 17.9"	528mm / 20.8"	1020mm / 40.2"
Width Rear	245.3mm / 9.7"	454mm / 17.9"	528mm / 20.8"	1020mm / 40.2"
Depth	429.0mm / 16.9"	534mm/21.0"	639mm / 25.2"	610mm / 24.0"
Dimensions - Packed				
Height	1125mm / 44.3"	681mm / 26.8"	740mm / 29.1"	728mm / 28.7"
Width Front	520mm / 20.5"	620mm / 24.4"	725mm / 28.5"	1092mm / 43.0"
Width Rear	290mm / 11.4"	620mm / 24.4"	725mm / 28.5"	1092mm / 43.0"
Depth	496mm / 19.5"	540mm / 21.3"	614mm / 24.2"	685mm / 27.0"
Weight				
Net Weight	34.5kg / 75.9lbs	27.5kg / 60.5lbs	35.3kg / 77.7lbs	62.5kg / 137.5lbs
Gross Weight	38.9kg / 85.6lbs	31.5kg / 69.3lbs	41.9kg / 92.2lbs	71.0kg / 156.2lbs



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