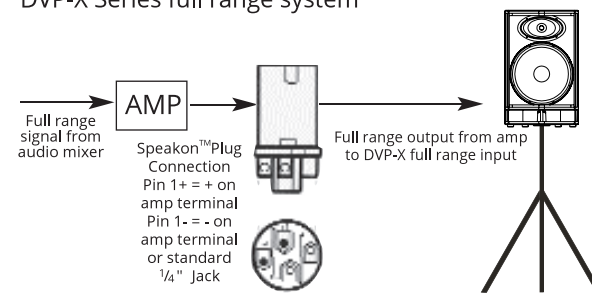


## DVP-X FULL RANGE

DVP-X15 | DVP-X15M | DVP-X12 | DVP-X12M | DVP-X215

DVP-X Series full range system

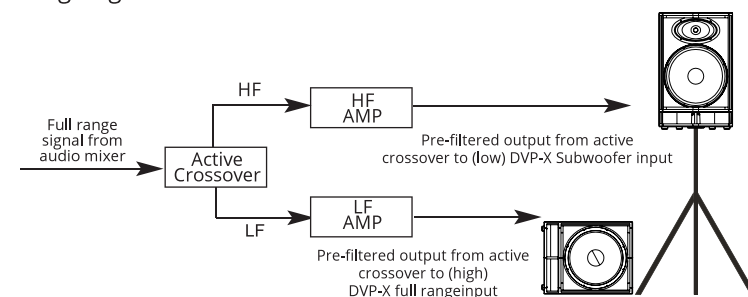


## DVP-X FULL RANGE AND SUB BASS

DVP-15B | DVP-18B | DVP-218B

SUBWOOFER OPERATION: PASSIVE MODE

DVP-X full range & DVP-X subwoofers offer an extended full range system with an external active crossover using a full range signal from an audio DVP-X mixer

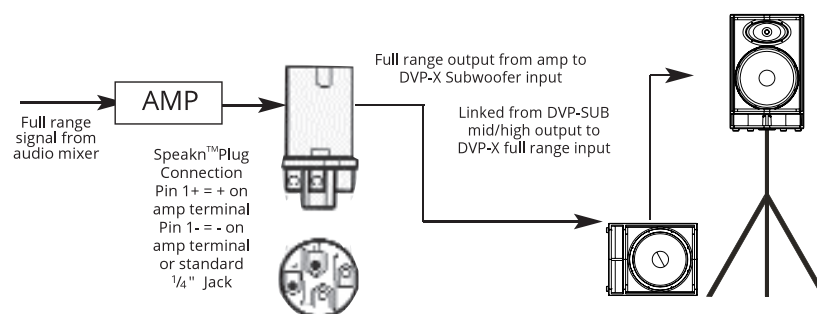


## CONNECTION

- Connect the speaker cable securely to your DVP-X cabinet and power amplifier (the amplifier should be SWITCHED OFF). Where possible use professional NL4 (or speakON compatible) connectors which are high current compatible, and suitably designed for professional audio use. Try to use the correct type of speaker cable according to the handling ability of the DVP-X series speaker. Use a 2 conductor equal stranded insulated cable for speaker runs. It is always advisable to use heavier conductor cables on longer runs.
- If using NL4 (or speakON compatible) cable, insert the connector and rotate 1/8th of a turn until locked in. If using a jack plug insert until secure.
- Power up amplifier with the levels on zero. Confirm units are operating.

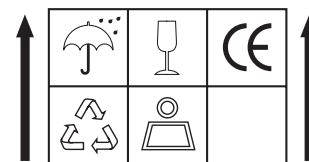
## SUBWOOFER OPERATION: ACTIVE MODE

DVP-X full range and subwoofers extended full range system with an external active crossover



## UNPACKING

All Wharfedale Pro products are fully checked before leaving the factory. After unpacking please inspect cabinets for any physical damage. Please retain the shipping carton if possible and internal packing material in case the unit needs to be returned. Please check as soon as possible the unit is functioning. In the event of any damage please contact your dealer immediately so that a written claim for damage can be made.



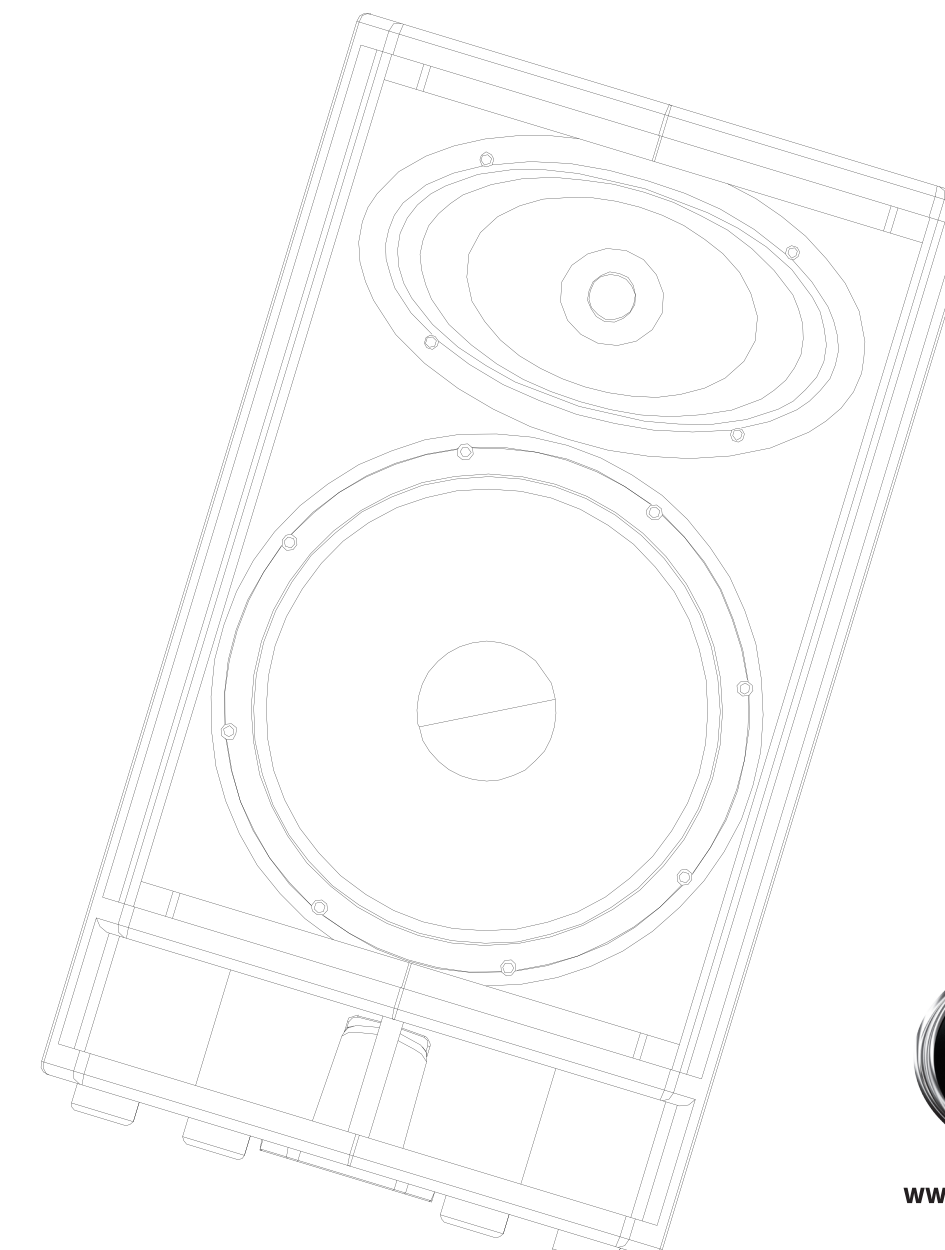
WHARFEDALE PRO DVP-X SERIES USER MANUAL >>>

## DVP-X Series

## WARNING AND SAFETY INSTRUCTIONS

DVP-X12 | DVP-X12M | DVP-X15 | DVP-X15M | DVP-X215

DVP-X15B | DVP-X18B | DVP-X218B



## WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro products are warranted of manufacturing or material defects for a period of one year 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](http://www.wharfedalepro.com)). These terms do not infringe your statutory rights.



Wharfedale Professional

IAG House 13/14 Glebe Road Huntingdon Cambridgeshire PE29 7DL UK

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

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# WARNING AND SAFETY INSTRUCTIONS

## 1. READ ALL INSTRUCTIONS

Carefully and become familiar with the features and functions of these products before operating them.

## 2. RETAIN THESE INSTRUCTIONS

For future reference.

## 3. COMPLY WITH ALL WARNINGS

All warnings and instructions for this product should be adhered to.

## 4. USE WITH AMPLIFIERS

In order to avoid damage to drivers and other equipment, it is advisable to establish and follow a routine for powering up and powering down a sound system. With all system components connected, turn on source equipment (mixers, signal processors, record and playback units, etc.) BEFORE powering up amplifiers. Transient voltages from powering up source equipment can damage speakers if amplifiers are already turned on. Make sure that amplifier volumes are set to their minimum settings and power up any system amplifiers LAST. It is recommended that all system components be allowed to stabilise for several seconds before powering down any other system components.

## 5. CABLES

Do not use shielded or microphone cables for connection between amplifiers and speakers. Use only approved speaker cables with proper connectors.

## 6. RIGGING – SUSPENDING – MOUNTING

Rigging, suspending and mounting of these speaker systems can expose members of the public to serious health risks and even death. Under no circumstances attempt to rig, suspend or otherwise mount these speakers unless you are fully qualified and certified to do so by relevant local, state and national authorities. All relevant safety regulations must be followed. If you are not properly qualified or do not know of pertinent regulations, consult qualified personnel for advice.

## 7. CAUTION

These professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive volume levels. Permanent hearing damage can result when operated to extreme levels.

## 8. SERVICE

There are no user serviceable parts inside the product. Users should not attempt to service this product. Warranty nullification could result if this is attempted.

# INTRODUCTION

Consisting of 8 passive loudspeakers, DVP-X is built for hardworking musicians and DJ's on the road with extreme power handling and ultra-hardwearing construction. Each DVP-X cabinet works in perfect harmony with the advanced drive units within. 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.

DVP X uses the latest Wharfedale Pro 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 2.5" voice coils for improved thermal dissipation.

A 44mm diaphragm HF driver is used throughout the range. Using a solid aluminium rear plate, the HF driver is strengthened for durability and heat is dissipated efficiently for high pressure use for long time periods. Wharfedale Pro engineers have selected a 90x60 elliptical waveguide optimised for wide coverage in multiple venues while touring.

For physical protection, all DVP-X models are coated in the latest generation chip resistant Rhino Rock paint.

# KEY FEATURES

- Built for hardworking musicians, bands and DJs who demand reliability and power
- High powered LF drivers using a double-roll surround
- High performance HF driver with aluminium rear cover for maximum heat dissipation
- Road tough with low-resonance enclosures
- Chip resistant Rhino Rock paint

Model Name	DVP-X12	DVP-X12M	DVP-X15	DVP-X15M	DVP-X215	DVP-X15B	DVP-X18B	DVP-X218B	
System Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	
Configuration	Two-way	Two-way	Two-way	Two-way	Two-way	Subwoofer	Subwoofer	Subwoofer	
Frequency Response (+/-3dB)	60Hz - 18kHz	60Hz - 20kHz	50Hz - 18kHz	55Hz - 18kHz	45Hz - 18kHz	45Hz -150Hz	35Hz -150Hz	35Hz - 1.2kHz	
Frequency Range (- 10 dB)	55Hz - 20kHz	55Hz - 20kHz	45Hz - 20kHz	50Hz - 20kHz	40Hz - 20kHz	38Hz - 150Hz	30Hz -150Hz	30Hz - 1.5kHz	
Sensitivity (2.83v/1m)	98dB	98dB	98dB	98dB	101dB	98dB	99dB	102dB	
Calculated Maximum SPL @1m	129dB	129dB	130dB	130dB	135dB	130dB	132dB	138dB	
System Rated Impedance	8Ω	8Ω	8Ω	8Ω	4Ω	4Ω	4Ω	4Ω	
<b>Low Frequency Transducer</b>									
Size	305mm/12"	305mm/12"	381mm/15"	381mm/15"	2X381mm/15"	381mm/15"	470mm/18"	470mm/18"	
Voice-Coil Size	65mm /2.5"	65mm /2.5"	65mm /2.5"	65mm /2.5"	65mm /2.5"	65mm /2.5"	65mm /2.5"	65mm /2.5"	
Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	4Ω	4Ω	8Ω	
LF Power (re:AES2-2012)	300W	300W	350W	350W	700W	400W	500W	1000W	
<b>High Frequency Transducer</b>									
HF Driver Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	
Voice-Coil Size	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"	
Exit Size	25mm/1"	25mm/1"	25mm/1"	25mm/1"	25mm/1"	25mm/1"	25mm/1"	25mm/1"	
Diaphragm Material	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	
Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	
HF Power (re:AES2-2012)	40W	40W	40W	40W	40W	40W	40W	40W	
Nominal Coverage (H x V)	90°x60°	90°x60°	90°x60°	90°x60°	90°x60°	90°x60°	90°x60°	90°x60°	
Nominal Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	
<b>Power</b>									
System Continuous Power	300W	300W	350W	350W	700W	400W	500W	1000W	
System Programme Power	600W	600W	700W	700W	1400W	800W	1000W	2000W	
System Peak Power	1200W	1200W	1400W	1400W	2800W	1600W	2000W	4000W	
Crossover frequency	2.2kHz	2.2kHz	2.2kHz	2.2kHz	2.2kHz	150Hz	150Hz	No Crossover	
Input Connector	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	2 x NL4 (speakON compatible) + 1/4" Jack	
Hardware	Dual-angle (0° or 10°) 35 mm pole socket 2 carry handles (one on each side)	N/A 2 carry handles (one on each side)	Dual-angle (0° or 10°) 35 mm pole socket 2 carry handles (one on each side)	N/A 2 carry handles (one on each side)	N/A 2 carry handles (one on each side)	N/A 2 carry handles (one on each side)	35 mm pole socket 2 carry handles (one on each side)	35 mm pole socket 2 carry handles (one on each side)	2X35 mm pole socket 2 carry handles (one on each side)
<b>Enclosure</b>									
Enclosure Material and finish	MDF	MDF	MDF	MDF	MDF	MDF	MDF	MDF	
Colour Options	black paint	black paint	black paint	black paint	black paint	black paint	black paint	black paint	
Grille Material & Finish	steel	steel	steel	steel	steel	steel	steel	steel	
<b>Dimensions - Unpacked</b>									
Height	617mm / 24.3"	428mm / 16.9"	689mm / 27.1"	520mm / 20.5"	1058mm / 41.7"	591mm / 23.3"	650mm / 25.6"	650mm / 25.6"	
Width Front	361.2mm / 14.2"	359mm / 14.1"	443.5mm / 17.5"	449mm / 17.7"	444.5mm / 17.5"	454mm / 17.9"	528mm / 20.8"	1020mm / 40.2"	
Width Rear	207.6mm / 8.2"	359mm / 14.1"	243.5mm / 9.6"	449mm / 17.7"	245.3mm / 9.7"	454mm / 17.9"	528mm / 20.8"	1020mm / 40.2"	
Depth	342.4mm / 13.5"	537mm / 21.1"	429.0mm / 16.9"	640mm / 25.2"	429.0mm / 16.9"	534mm/21.0"	639mm / 25.2"	610mm/24.0"	
<b>Dimensions - Packed</b>									
Height	680mm / 26.8"	396mm / 15.6"	750mm / 29.5"	485mm / 19.1"	1125mm / 44.3"	681mm / 26.8"	740mm / 29.1"	728mm / 28.7"	
Width Front	438mm / 17.3"	573mm / 22.6"	520mm / 20.5"	676mm / 26.6"	520mm / 20.5"	620mm / 24.4"	725mm / 28.5"	1092mm / 43.0"	
Width Rear	236mm / 9.3"	573mm / 22.6"	290mm / 11.4"	676mm / 26.6"	290mm / 11.4"	620mm / 24.4"	725mm / 28.5"	1092mm / 43.0"	
Depth	428mm / 16.9"	448mm / 17.6"	485mm / 19.1"	541mm / 21.3"	496mm / 19.5"	540mm / 21.3"	614mm / 24.2"	685mm / 27.0"	
<b>Weight</b>									
Net Weight	17.6kg / 38.7lbs	17.4kg / 38.2lbs	22kg / 48.4lbs	21.5kg / 47.3lbs	34.5kg / 75.9lbs	27.5kg / 60.5lbs	35.3kg / 77.7lbs	62.5kg / 137.5lbs	
Gross Weight	20.6kg / 45.32lbs	20.5kg / 45.1lbs	26kg / 57.2lbs	24.5kg / 53.9lbs	38.9kg / 85.6lbs	31.5kg / 69.3lbs	41.9kg / 92.2lbs	71.0kg / 156.2lbs	