



EVP-P SERIES PROFESSIONAL SPEAKER SYSTEMS USER MANUAL

EVP-12P, EVP-12PM, EVP-15P, EVP-15PM & EVP15PSB.

⚠ WARNING & SAFETY INSTRUCTIONS

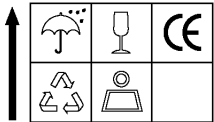
1. **READ INSTRUCTIONS** carefully before operating this product.
2. **RETAIN** these instructions.
3. **COMPLY WITH WARNINGS** - All warnings and instructions for this product should be adhered to.
4. **⚠ WATER & MOISTURE ⚠** - This Wharfedale Pro unit should not be used near liquids. It should not have liquids placed on or in close proximity as there are **⚠ DANGEROUS VOLTAGES** present.
5. **⚠ VENTILATION/AIR FLOW:** This Wharfedale Pro unit should not have its heat sinks obstructed from air flow. It should not be situated in a built-in installation that may hamper air flow to the heat sinks. It should not be placed near heat sources.
6. **⚠ POWER SUPPLY:** This Wharfedale Pro unit should be only connected to a power supply as stated on the unit. Power supply cables should be routed where they will not be walked on or pinched by objects placed adjacent or upon them.
7. **⚠ ELECTRIC SHOCK:** Care should be taken that the grounding of this unit is NOT defeated. Do not use this units power cable

- with an extension cable unless the pins can be fully inserted.
7. **CABLES** - Use quality screened cables for signal connections.
 8. **⚠ ⚠ RIGGING • SUSPENDING • MOUNTING**
The rigging, suspension or mounting of this speaker system can expose members of the public to serious health risks and even death. **UNDER NO CIRCUMSTANCES ATTEMPT TO RIG, SUSPEND OR OTHERWISE MOUNT THIS SYSTEM 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 AND ASSISTANCE.**
 9. **⚠ 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 levels that can cause permanent hearing damage.
 10. **SERVICING** - The user should not attempt to service this product except that mentioned in this manual.

Wharfedale Pro EVP-P Series of Professional Sound Reinforcement Loudspeakers

- 200W RMS/320W Peak amplifier (EVP 12P,12PM,15P,15PM)
- 300W RMS/480W Peak in EVP-15PSB only
- Built in 2 channel mixer with line and mic inputs
- Durable black carpet finish
- Integral High Frequency Driver Overload protection "PRO-TECH" TM
- HF protection bulb
- Thermal overload, DC fault and short circuit protection
- Active crossover (EVP-15PSB only)

- Hi/Low EQ control in the master section
- Integral tripod stand adaptor (except monitors)
- Balanced line output
- Combined Jack and XLR balanced input connectors
- Power on/off LED on front and back of unit
- Linkwitz Riley crossover for vocal clarity
- Heavy duty steel grille
- Constant directivity HF horn
- 2 way trapezoidal ultra compact bass reflex design



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 damages can be made.

Wharfedale Pro Limited Warranty*

Wharfedale Pro EVP-P Series loudspeaker systems are warranted to be clear of manufacturing or materials defects for a period of one year from the original date of purchase. In the event of malfunction, contact your authorised Wharfedale Professional dealer or distributor for information.

*Be aware that warranty details may differ from country to country. Contact your dealer or distributor for information. These terms do not infringe your statutory rights.

Operating/Use

1. The EVP-P series has 2 XLR 1/4" jack Combi sockets. The two stereo inputs are mixed down to mono enabling the connection of stereo output products.
2. Connect the provided power cable to the IEC mains connector on rear of cabinet.
- 3 Connect the signal cable (balanced or un balanced, see table and description) from audio mixer or processor securely to your EVP-P unit (the internal amplifier should be **off, power down mode**). Where possible use quality connectors. Only use screened audio cable for the signal input from the audio mixer or processor. If possible use balanced line signal leads for optimum

quality (see description and table of balanced line operation).

3. If using XLR CONNECTORS, insert the XLR until locked in. If using a jack plug insert until secure.
4. Power up audio mixer or processor ensuring connections are made.
5. Power up EVP-P internal amplifier with levels on zero. Confirm EVP-P speakers are operating.
6. The EVP-15PSB has 2 XLR/1/4" Jack Combi Sockets - one line in, for system input and one line out for EVP-P as main speakers. Two main loudspeakers may also be linked to one subwoofer.

MODEL	EVP-12P	EVP-12PM	EVP-15P	EVP-15PM	EVP-15PSB
FREQ RESP +/- 3 DB	60-20kHz	60 - 20kHz	50-20kHz	50 - 20kHz	40-250kHz
SENSITIVITY 1W@1M	97dB	97dB	98dB	98dB	98dB
NOMINAL COVERAGE HOZ	90°	90°	90°	90°	-
NOMINAL COVERAGE VERT	60°	60°	60°	60°	-
MAX SPL PEAK	121dB	121dB	123dB	123dB	123dB
PRODUCT DIMS (mm) H	544	435	644	443	630
W	424	424	459	445	465
D	363	550	363	624	374
SHAPE	Trap	Floor Monitor	Trap	Floor Monitor	Trap
WEIGHT NET	24.1kg	23.4kg	26.3kg	25.6kg	32.6kg
WEIGHT GROSS					
L F DRIVER SIZE (mm/ins)	250/12	250/12	380/15	380/15	380/15
MAGNET WEIGHT	1200g	1200g	1362g	1362g	2467g
HF DRIVER TYPE	Compression	compression	Compression	Compression	-
COIL SIZE (mm)	44	44	44	44	-
EXIT SIZE (mm)	25/1	25/1	25/1	25/1	-
DIAPHRAGM MATERIAL	Mylar	Mylar	Mylar	Mylar	-
PHASE PLUG TYPE	Radial	Radial	Radial	Radial	-
SYSTEM BOX FREQUENCY	55Hz	65Hz	50Hz	60Hz	55Hz
PROTECTION TYPE	Dynamic/AGC	Dynamic/AGC	Dynamic/AGC	Dynamic/AGC	-
OPERATING BAND PASS	--	--	--	--	--
FINISH /COLOUR	Carpet/Black	Carpet/Black	Carpet/Black	Carpet/Black	Carpet/Black
HANDLES QTY	2	1	2	2	2
GRILLE	Black Partial	Black Full	Black Partial	Black Full	Black Full
STAND ADAPTOR	Yes	-	Yes	-	-
POLE MOUNT SOCKET	--	--	--	--	Yes
M I X E R S E C T I O N :					
CHANNEL 1	Switchable balanced mic level or line level input				line level input
CHANNEL 2	line level input	line level input	line level input	line level input	line level input
INPUT SENSITIVITY					
MIC:	5mv	5mv	5mv	5mv	NA
LINE:	0.5v	0.5v	0.5v	0.5v	0.5v
INPUT IMPEDANCE					
MIC:	470Ω	470Ω	470Ω	470Ω	NA
LINE:	4.7K 10K	4.7K 10K	4.7K 10K	4.7K 10K	10K -
INPUT CONNECTOR	CHANNEL 1: combined jack and XLR CHANNEL 2: Combined Jack and XLR & RCA Socket				
LINE OUTPUT	Balanced Male XLR type socket after level control				
EQ: HF	HF shelving +/-12dB@10Hz and below				-
EQ: LF	LF shelving +/-12dB@80Hz and below				-
A M P L I F I E R S E C T I O N :					
POWER AMPLIFIER	200W RMS 320W PEAK	200W RMS 320W PEAK	200W RMS 320W PEAK	200W RMS 320W PEAK	300W RMS 450W PEAK
DYNAMIC COMPRESSOR LIMITER	Yes	Yes	Yes	Yes	Yes
ACTIVE CROSSOVER	-	-	-	-	120Hz, 12dB /Octave Slope
PROTECTION	DC fault, 2 second muting at turn on, thermal and short circuit				
0-180 DEGREE PHASE SWITCH	-	-	-	-	Yes

A&E Spec EVP Powered Speakers EVP-P12, EVP-P12M, EVP-15P, EVP-15PM

The powered, 2 way, full range loudspeakers systems shall incorporate one Low Frequency Driver (12 inch for the EVP-P12 and EVP-P12M and 15 inch for the EVP-15P and EVP-15PM) and one 1 inch exit compression driver. The Low Frequency Driver shall be mounted in a low resonance composite wood material enclosure. The Hi Frequency Compression Driver shall be loaded as part of a horn assembly. The EVP-P12 and the EVP-15P shall have a nominal coverage of 90° (horizontal) and 60° (vertical).

The System Frequency Response shall vary no more than ±3dB measured on axis from 60Hz-20kHz on the 12 inch models and 50Hz-20kHz on the 15 inch models. The EVP-P loudspeakers shall incorporate a low frequency amplifier module delivering 200 watts rms to the internal components. The amplifier shall be designed and manufactured by Wharfedale and in compliance with CE regulations. The amplifier controls and connections shall be mounted on a metal mounting panel with an external convection cooled aluminium heatsink contained and protected within the speaker system overall dimensions. The EVP-12P, EVP-12PM, EVP-15P and EVP-15PM shall be trapezoidal in shape with 2 handles for easy transportation (except the EVP-12PM which has one handle). The speakers shall be covered in black industrial carpet. The EVP-12P and EVP-15P shall feature a partial black perforated steel grille, the EVP-12PM and the EVP-15PM shall feature a full black perforated steel grille. The speakers shall include combined 1/4" TRS and XLR input connectors. The 2 way full range powered loudspeaker systems shall be the Wharfedale EVP-P Series.

A&E Spec EVP Powered Speakers EVP-P15SB Sub Bass Unit

The powered sub bass unit shall incorporate one 15 inch Low Frequency Driver. The Low Frequency Driver shall be mounted in a low resonance composite wood enclosure. The System Frequency Response shall vary no more than ±3dB measured on axis from 40Hz-250kHz. The EVP-15PSB shall incorporate a low frequency amplifier module capable of delivering 300 watts rms to the internal components. The amplifier shall be designed and manufactured by Wharfedale and in compliance with CE regulations. The amplifier controls and connections shall be mounted on a metal mounting panel with an external convection cooled aluminium heatsink contained and protected within the speaker system overall dimensions. The EVP-15PSB shall be rectangular in shape, covered in black industrial carpet, feature two handles and shall have a full black perforated steel grille. The EVP-15PSB shall include combined 1/4" TRS and XLR connectors. The powered sub bass unit shall be the Wharfedale EVP-15PSB.

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