



Your full user manual can also be downloaded from www.wharfedalepro.com

DELTA-AXF12 / AXF15

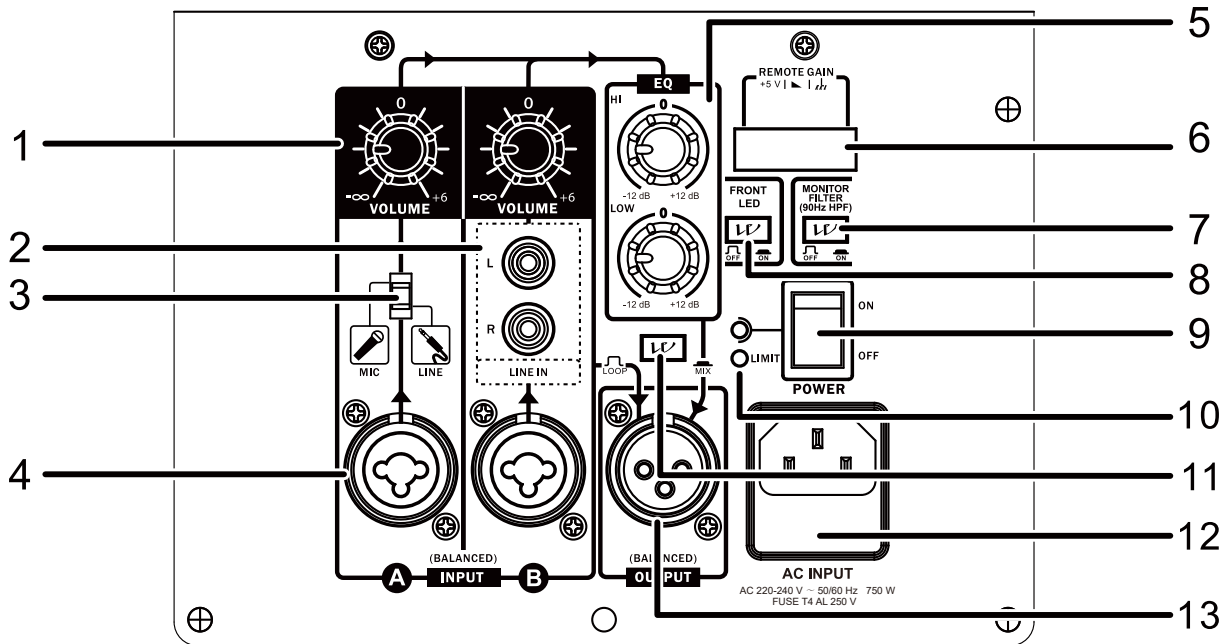
QUICK START GUIDE

SPECIFICATIONS

Model Name	DELTA-AXF12	DELTA-AXF15
System Type	Active 12" 2-way Bi-Amplified	Active 15" 2-way Bi-Amplified
Frequency Response (+/-3 dB)	60 Hz - 20 KHz	50 Hz - 20 KHz
Frequency Range (-10 dB)	55 Hz - 20 KHz	45 Hz - 20 KHz
Calculated Maximum SPL @1 m	130.5 dB	131.5 dB
Low Frequency Transducer - Size (mm / inches)	332 mm / 12"	404 mm / 15"
Coil Size (mm / inches)	75 mm / 3"	75 mm / 3"
Impedance	4 Ω	4 Ω
High Frequency Transducer - Type	Compression Driver	Compression Driver
Coil Size (mm / inches)	51.2 mm / 2"	51.2 mm / 2"
Exit Size (mm / inches)	35.6 mm / 1.4"	25 mm / 1"
Diaphragm Material	Titanium	Titanium
Impedance	8 Ω	8 Ω
Nominal Coverage (H x V)	90° x 45°	90° x 45°
Amplifiers		
Amplifier Design	Class D	Class D
Power Rating:	1600 W Peak (1400 W LF + 200 W HF), 800 W Continuous (700 W LF + 100 W HF)	1600 W Peak (1400 W LF + 200 W HF), 800 W Continuous (700 W LF + 100 W HF)
Power On Protection	Power Switch On/Off Mute	Power Switch On/Off Mute
Thermal Protection	Amplifier Shut Down. Auto Reset	Amplifier Shut Down. Auto Reset
Low Line Voltage Shut Down	80% Nominal Line Voltage	80% Nominal Line Voltage
Driver Protection	Independent LF and HF Limiters	Independent LF and HF Limiters
DC and Short Protection	Yes	Yes
Clip Limiter	Turns on Approx 600 W Output	Turns on Approx 650 W Output
Limiter Indicator	Red LED	Red LED
Power Indicator	Green LED	Green LED
Connectors		
Input A - type	Switchable Balanced Mic or Line Level Input	Switchable Balanced Mic or Line Level Input
Input Sensitivity	Mic:-40 dBu Line:0 dBu	Mic:-40 dBu Line:0 dBu
Maximum Input Level	22 dBu	22 dBu
Input Connector	XLR 1/4" Combo jack / 2 x RCA	XLR 1/4" Combo jack / 2 x RCA
Input Impedance	Balanced:20 KΩ Unbalanced:10 KΩ	Balanced:20 KΩ Unbalanced:10 KΩ
Line Output Connector	Switchable LOOP/MIX Balanced Male XLR Connector	Switchable LOOP/MIX Balanced Male XLR Connector
Impedance Balanced	Balanced: 200 Ω Unbalanced:100 Ω	Balanced: 200 Ω Unbalanced:100 Ω
Loop Gain	Mic:69 dB, Line:29 dB	Mic:69 dB, Line:29 dB
AC Power details - Power Supply	High Efficiency Switching Mode Power Supply	High Efficiency Switching Mode Power Supply
AC Power Options	AC100-120 V~/220-240 V~,50/60 Hz	AC100-120 V~/220-240 V~,50/60 Hz
Hardware - Rigging	M10 x 6	M10 x 6
Pole Mount	Dual Angle (0° or 10°) 35 mm Pole Socket	Dual Angle (0° or 10°) 35 mm Pole Socket
Enclosure Material and finish	15 mm Plywood	15 mm Plywood
Colour Options	Black Rhino Paint	Black Rhino Paint
Grille Material & Finish	1.5 Steel	1.5 Steel
Unpacked dimensions - Height	640 mm / 25.2"	700 mm / 27.56"
Width (Front)	390 mm / 15.35"	446 mm / 17.56"
Width (Back)	241.2 mm / 9.5"	281.4 mm / 11.08"
Depth	373 mm / 14.69"	406 mm / 15.98"
Packed Dimensions - Height	745 mm / 29.3"	803 mm / 31.6"
Width (Front)	566 mm / 22.3"	638 mm / 25.1"
Width (Back)	328 mm / 12.9"	366 mm / 14.4"
Depth	464 mm / 18.3"	498 mm / 19.6"
Net Weight (kg / lbs)	26.5 kg / 58.3 lbs	30.5 kg / 67.1 lbs
Gross Weight (kg / lbs)	30.0 kg / 66.0 lbs	35.4 kg / 77.9 lbs

Note : Specifications may be subject to change without notice.

REAR PANEL FEATURES



- 1. Volume for input A and input B:** These knobs control the level of each input channel.
- 2. RCA L/R (Left and Right) input connectors:** These connectors allow input of a stereo signal (left and right). The signal is actively combined or "summed" providing a mono signal to the amplifier.
- 3. GAIN selection switch:** This switch selects the proper gain structure for INPUT A. If a microphone is connected to INPUT A, use mic mode (up). If the signal source is anything other than a microphone (playback device, keyboard or mixer output, for instance) use the line mode (down).
- 4. XLR 1/4" COMBO input jacks for INPUT A and INPUT B:** These convenient jacks allow XLR or 1/4" balanced input connections to INPUT A and INPUT B.
- 5. HI and LOW EQ (equalization) controls:** These knobs control the equalization of the overall output signal providing +/-10 dB of gain for each band.
- 6. Remote control:** This Phoenix connector can be used to control the volume with an applied voltage.
- 7. 90 Hz Monitor filter switch:** Used to reduce bass buildup due to half space loading.
- 8. Front LED defeat switch:** Switches off the front power LED for discrete applications.
- 9 & 10. POWER ON / OFF switch, POWER 'ON' indicator LED and LIMIT indicator LED:** The switch: Turns the power on and off. The green LED to the left of the POWER switch illuminates when the power switch is in the 'ON' position. The red LED illuminates when the signal limiter is limiting the level of the signal to prevent distortion and overload.
- 11. Output source "LOOP/MIX" switch:** In the "LOOP" mode, this switch routes the signal of INPUT A and B to the line level XLR OUTPUT jack, bypassing the EQ section and volume control. When in the MIX mode, this switch routes the combined (or "mixed") signals of both INPUT A and INPUT B to the line level XLR OUTPUT jack.
- 12. POWER cord receptacle:** This is a receptacle for a standard IEC, three prong, grounded AC electrical connection cord. Be sure that you are plugging into the correct source voltage that matches what is indicated just below the power cord receptacle.
- 13. XLR line level OUTPUT connector:** This connector provides a balanced line level output for connection to additional Delta Active, powered subwoofers or amplifier.

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 PROFESSIONAL

IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK
www.wharfedalepro.com

Wharfedale Professional reserves the right to alter or improve specifications without notice.
 All rights reserved © 2022 Wharfedale Pro. Wharfedale Pro is a member of the IAG Group.