

ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D AZMP4-D / AZMP8-D AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

PRODUCT SUMMARY

The AtlasIED Atmosphere platform was developed to meet the highest standards of design, quality, and value that our customers have come to expect from AtlasIED. We believe you will find this platform highly flexible to address a variety of applications while being refreshingly simple to deploy.

Four 4-Zone models (AZM4, AZMP4, AZM4-D, AZMP4-D) each include 6 analog audio inputs (2 RCA mono-summed + 4 mic/line) and 2 accessory port inputs. Non-powered models feature 4 line outputs, powered models 4 amplified outputs (600W) + 2 line out, and Dante models offer up to 10x16 I/O.

Five 8-Zone models (AZM8, AZMP8, AZM8-D, AZMP8-D, AZMP8-DW) each include 10 analog audio inputs (4 RCA mono-summed + 6 mic/line) and 4 accessory port inputs. Non-powered models feature 8 line outputs, powered models 8 amplified outputs (1200W) + 2 line out, and Dante models offer up to 14x16 I/O.

Seven plug and play smart accessories expand the system capabilities and allow for future scalability. Accessories include three audio input accessories: balanced mic/line XLR (A-XLR), RCA with 3.5mm (A-RCA), and Bluetooth® (A-BT). Also available are two controllers: single zone volume control (C-V) and advanced multi-zone controller with volume control, source select, scene recall, message recall (C-ZSV), as well as an ambient noise sensor for automatic Ambient Noise Compensation and Loud Noise Detection (X-ANS). Any control accessory can be daisy chained onto a single cable run and assigned to any zone, reducing installation time and complexity.

The 4.3" touchscreen X-ZPS Paging Station, connected by one of the accessory ports (1 X-ZPS per accessory port), provides zone paging, all call, and custom group paging features combined with a high-quality, gooseneck microphone. The X-ZPS also serves as a system controller for volume, source selection, message recall, and more

Amplified AZMP models further reduce integration and commissioning time by integrating first-class amplification with system DSP. With the ability to power-share between channels (channels 1-4 and channels 5-8) the AZMP series can scale to the size of the zone which results in efficient system design. All amp channels utilize a self test strategy that provides assurance that both the AZMP and connected loudspeakers are working as designed.

APPLICATIONS

- · Restaurant / Bars
- · Houses of Worship
- · Offices
- · Industrial
- Education
- Corporate Centers

KEY FEATURES

- 9 available processors; 4 & 8 zones, amplified and non-amplified, Dante and non-Dante
- · Web GUI programming interface
- · Plug and Play Intelligent Accessories; controllers, audio inputs, paging
- · Accessory bus length up to 1000'
- · Daisy Chain up to 8 Accessories per Port, up to 16 per AZM
- · Accessory Self-Heal
- · Input Source Types: Mono, Stereo
- · Output Zone Types: Mono, Mono+Sub, Stereo, Stereo+Sub
- · Actions: Messages, Scenes, Routines, GPO Presets, Bells
- · Zone Gouping / Room combine
- Bell scheduler Up to 10 unique ring lists with 50 bells each
- · Event Scheduler: Intuitive Calendar Format Event Scheduler
- Message Player: 100 messages, 1GB onboard storage, compatible with .wav
- GPIO: Assign inputs to recall Actions, outputs controlled as Actions
- · Ambient Noise Compensation (using X-ANS)
- · Loud Noise Detection (using X-ANS)
- Input Auto-Gain Audio Control
- · QR-activiated Virtual Wall Controllers, instant no-app mobile control
- Tilter Filter™ Room EQ Adjustment Tool
- · AtlasIED Speaker Presets
- Sound Masking: Full suite of tools for complete speech privacy control
- Printable Dynamic System Diagram
- · Third Party Control with integrated API tools
- Simple, Streamlined Workflow for All Skill Levels



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TECHNICAL DATA SHEET

System	AZM4	AZM8	AZMP4	AZMP8		
Туре	4-Zone Audio Processor Dante	8-Zone Audio Processor Dante	4-Zone Signal Processor with 600-Watt Amplifier and Dante	8-Zone Signal Processor with 1200-Watt Amplifier and Dante		
Power Requirements/Consumption	All Non-Dante Models					
Mains Requirements	100 - 240 VAC, 50 - 60 Hz (C14	Mains Inlet Connector)				
Audio Inputs	AZM4	AZM8	AZMP4	AZMP8		
Total number of processed system Sources	8	14	8	14		
Mic / Line Inputs	4 (Euroblock)	6 (Euroblock)	4 (Euroblock)	6 (Euroblock)		
RCA	2 (mono-summed)	4 (mono-summed)	2 (mono-summed)	4 (mono-summed)		
Line Outputs	4 (Euroblock)	2 (Euroblock)	2 (mono-summed)	2 (mono-summed)		
General Purpose Inputs	6 (Euroblock)	6 (Euroblock)	6 (Euroblock)	6 (Euroblock)		
Amplified RJ45 Output Ports	0	0	2	4		
Amplified Outputs	0	0	4	8		
High Priority Inputs	1 (Euroblock)	1 (Euroblock)	1 (Euroblock)	1 (Euroblock)		
General Purpose Outputs	2 (Euroblock)	2 (Euroblock)	2 (Euroblock)	2 (Euroblock)		
Atmosphere Accessory Ports	2 (RJ45)	4 (RJ45)	2 (RJ45)	4 (RJ45)		
Balanced Mic / Line Inputs	Connector Type: 3.5mm Pitch Euroblock Color: Green Sensitivity: +4dBu with Gain Set to 0dB Input Gain: 0 - 60dB in 6dB Steps Phantom Power Voltage: +48VDC 10mA Accepts Unbalanced Inputs: Yes Maximum Input Level: +20dBu (7.72 Vrms) with Gain Set to 0dB Input Impedance: 3.9kΩ EIN: -125dBu with 150Ω Source Impedance and 20kHz BW CMRR: Typically 65dB at 1kHz Maximum Cable Size: 18AWG Minimum Cable Size: 24AWG					
RCA	Right Channel Color: Red Left Channel Color: White Type: Mono-summed Pairs Sensitivity: -10dBV Maximum Input: 2.4 Vrms (7.6d	BV / 9.8dBu) for Both Inputs Driv	en and 4.78 Vrms (13.6dBV / 15.8	3dBu) for a Single Input		

Audio Outputs	AZM4	AZM8	AZMP4	AZMP8
Total number of processed system Zones (new)	4	8	4	8
Balanced Line Outputs	Connector Type: 3.5mm Pitch El Color: Orange Maximum Output Level: +20dBu (7 Maximum Cable Size: 18AWG Minimum Cable Size: 24AWG			





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AUDIO SPECIFICATIONS / PERFORMANCE

Audio Performance - Line Inputs	All Non-Dante Models
THD+N	<0.01% at OdBu Input / Output with OdB Gain at 1kHz
Frequency Response	±0.5dB 20Hz - 20kHz
Dynamic Range (S/N)	>108dB Unweighted 20Hz - 20kHz, > 110dB "A" Weighted
Crosstalk	>-78dB at 1kHz
Latency	Euroblock Input or RCA Input to Euroblock Output: 4.9 ms Accessory Input A/C to Euroblock Output: 5.9 ms Accessory Input B/D to Euroblock Output: 6.7 ms
Maximum Hardware Gain	60dB

Audio Performance - Powered Outputs (Amplifier)	AZM4	AZM8	AZMP4	AZMP8
Signal to Noise Ratio	n/a	n/a	105dB	105dB
THD Maximum (1W to 100W, 1kHz)	n/a	n/a	0.02%	0.02%
THD Maximum (1W to 600W, 1kHz)	n/a	n/a	0.20%	0.20%
Maximum Output Current	n/a	n/a	10A	10A
Maximum Output Voltage	n/a	n/a	100Vrms	100Vrms
Protection	n/a	n/a	Short, Thermal, HF, and DC	Short, Thermal, HF, and DC
Amplifier Module Channel Count	n/a	n/a	4	4
Number of Amp Modules in System	n/a	n/a	1	2
Amplifier Module Total Power	n/a	n/a	615W	615W
Total System Power	n/a	n/a	615W	1230W
Single Channel Max Power	n/a	n/a	600W	600W
Single Channel Min Power	n/a	n/a	5W	5W
Single Channel Max Power over CAT5	n/a	n/a	100W	100W
Output Modes	n/a	n/a	4/8/25/48/70/100	4/8/25/48/70/100
Power Save Modes	n/a	n/a	Channel Standby, Module Deep Sleep	Channel Standby, Module Deep Sleep
Independent channel output modes	n/a	n/a	Yes, individual per channel	Yes, individual per channel
2 ohm stable	n/a	n/a	Yes, at reduced power Yes, at reduced power	
Power Sharing	n/a	n/a	Yes	Yes
Power Sharing Minimum Increment	n/a	n/a	5W steps between 5-600W	5W steps between 5-600W

Input Processing	All Non-Dante Models
EQ	-12dB/oct 8Hz Filter, PEQ, Low / High Shelf, Notch, LP / HP (BW 6, 12, 24, dB/oct)
Dynamics	Gate, De-Esser, Compressor, Auto Gain
Other	Gain, Mixes (one per output)

Output Processing	All Non-Dante Models
EQ	PEQ, Tilter Filter, Low / High Shelf, Notch, Crossover LP / HP (BW 6, 12, 18, 24, and LR12, LR24), Speaker Tuning EQ Presets, Tone Control
Dynamics	Ambient Noise Compensation, Noise Detection, Priority Router
Frequency Response (8Ω)*	+/-0.5dB

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TECHNICAL DATA SHEET

AUDIO SPECIFICATIONS / PERFORMANCE

Other Deby (500 ms), Gain Whatsing White or Pink Notae Source, Preset EQ Curves, 20 Band Perfect Fit GEQ (100Hz - Bid-Iz, Titler Fitter", HPE (BW6, BW12), LPF (BW6, BW12), Enhanced Privacy Gain, (128 to +1286), 7 Day Scheduler, Commissioning Ramp Scheduler (maximum of 30 days Other Connections All Non-Dante Models Contact Closure Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input: 0 - 129/DG (139/DC Trigger Voltage) High Priority Input Contact Closure Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input: 0 - 129/DG (139/DC Trigger Voltage) General Purpose Outputs Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler) Source Current: 1 OmA at 69/DC Maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler, Commissioning Ramp Scheduler (maximum Biol Scheduler, Commissioning Ramp Sch	Crosstalk (1kHz)	-70dB								
Contex Connections All Non-Dante Models General Purpose Inputs Context Closure Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input to 12/VDC (13/VDC Trigger Voltage) High Priority Input Context Closure Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input to 12/VDC (13/VDC Trigger Voltage) Context Closure Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input: 0 - 12/VDC (1.3/VDC Trigger Voltage) General Purpose Outputs Source Current: 10mA at SVDC Awarimum Sinck Current: 180mA Maximum Accessories per Pert: 8 Maximum Accessories per Pert: 1 Network - Control All Non-Dante Models Network Control Port 1 (R.145), dedicated Control port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models Vi-Fi - Control All Non-Dante Models Vi-Fi - Control RP-SMA Attenna Type 802.11 b/g/n 2.4GHz Free Air Range 60t Antenna Type External (as of October 2022) Antenna Type Antenna Connector RP-SMA Mechanical AZM4 AZM8 Front to Back Front to Back Front to Back Pront to Back Pront to Back Pront of	Other	Delay (500 ms), Gain								
General Purpose Inputs Contact Closure Normally Open Capable of Internal Pull-up to 6VDC via User Interface Voltage Input: 0 - 12VOC (13VOC Trigger Voltage) Contact Closure. Normally Open Capable of Internal Pull-up to 5VDC via User Interface Voltage Input: 0 - 12VDC (13VDC Trigger Voltage) General Purpose Outputs Source Current: 10rn Ast 5VDC Maximum Sink Current: 180mA Maximum Sink Voltage 24VDC Accessory Ports Maximum Accessories per Port: 8 Maximum Accessories per Port: 1 Network - Control All Non-Dante Models Network Control Port 1 (174,45), dedicated Control port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models All Non-Dante Models Wi-Fi - Control All	Masking	LPF (BW6, BW12), Enhanced Pr								
Capable of Internal Pull-up to SVDC Via User Interface Voltage Injunt. 0 - 12VDC (1 SVDC Trigger Voltage) Fligh Priority Input Contact Closure: Normally Open Capable of Internal Pull-up to SVDC via User Interface Voltage Input: 0 - 12VDC (1.3VDC Trigger Voltage) Source Current: 10m As 15 VDC Maximum Sink Voltage Current: 10m As Maximum Sink Voltage VaVDC Accessory Ports Maximum Accessories per Port: 8 Maximum Accessories per Port: 8 Maximum Audio Wall Plates per Port: 1 Network - Control All Non-Dante Models 10/100mbps Wi-Fi - Control All Non-Dante Models 10/100mbps Wi-Fi - Control All Non-Dante Models Type 802.11 b/g/n 2.4GH2 Free Air Range 60ft Antenna Connector RP-SMA Mechanical AZM4 AZM8 AZMP4 AZMP4 AZMP6 AZMP7 AZMP6 AZMP6 AZMP6 AZMP6 AZMP6 AZMP6 AZMP6 AZMP6 AZMP7 AZMP6 AZMP7 AZMP6	Other Connections	All Non-Dante Models								
Capable of Internal Pull-up to SVDC via User Interface Voltage Input: 0 - 12VDC (1.3VDC Trigger Voltage) Source Current: 10mA at 5VDC Maximum Sink Current: 180mA Maximum Sink Voltage: 24VDC Accessory Ports Maximum Accessories per Port: 8 Maximum Accessories per Port: 8 Maximum Maccessories per Port: 1 Network - Control Maximum Accessories per AZM: 16 Maximum Maccessories per AZM: 16 Maximum Maccessories per AZM: 16 Maximum Maccessories per Port: 1 Network - Control Network Control Port 1 (R.J45), dedicated Control port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models 10/100mbps All Non-Dante Models 10/100mbps 10/100	General Purpose Inputs	Capable of Internal Pull-up to 5V	DC via User Interface							
Maximum Sink Current. 180m.A Maximum Sink Current. 180m.A Maximum Accessories per Port. 8 Maximum Accessories per Port. 8 Maximum Accessories per Port. 10 Maximum Accessories per Port. 11 Network - Control All Non-Dante Models Network Control Port 1 (R.J45), dedicated Control port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models 1/Fie - Control All Non-Dante Models 10/100mbps Wi-Fi - Control All Non-Dante Models 1/Fie - Control All	High Prioriry Input			out: 0 - 12VDC (1.3VDC Trigger Vo	oltage)					
Maximum Accessories per AZM: 16 Maximum Bus Length: 1000ft Maximum Audio Wall Plates per Port: 1 Network Control Network Control Port 1 (R.J45), dedicated Control port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models Type 802.11 b/g/n 2.4GHz Free Air Range 60ft Antenna Type External (as of October 2022) Antenna Connector RP-SMA Meshanical AZM4 AZM8 AZMP4 AZMP8 Airflow Front to Back Pront to Back Pron	General Purpose Outputs	Maximum Sink Current: 180mA								
Network Control Port Speed 10/100mbps Wi-Fi - Control All Non-Dante Models Type 802.11 b/g/n 2.4GHz Free Air Range Antenna Type External (as of October 2022) Antenna Connector RP-SMA Mechanical Airflow Front to Back Pront to Back Pront to Back Pronted Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting Forting AZMA AZMB AZMB AZMP4 AZMP8 Armont to Back Pront to	Accessory Ports	Maximum Accessories per AZN Maximum Bus Length: 1000ft	1 : 16							
Speed 10/100mbps 10/100mb	Network - Control	All Non-Dante Models								
Wi-Fi - Control All Non-Dante Models Type 802.11 b/g/n 2.4GHz Free Air Range 60ft Antenna Type External (as of October 2022) Antenna Connector RP-SMA Mechanical Airflow Front to Back Operating Ambient Temperature Range 0° - 40°C Cooling System Forced Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting Energy Consumption AZM4 AZM8 AZMB AZMP4 AZMB AZMP4 AZMB AZMP4 Forced Air with Side and Back Panel Venting AZMP4 AZMB AZMP4 AZMP8 AZMP8 AZMP4 AZMP8 AZMP8 AZMP4 AZMP8 AZMP8 AZMP4 AZMP8 AZMP8 AZMP8 AZMP8 AZMP4 AZMP8 Sceen 128 x 128 Color TFT Normally White, 1.45° Encoder / Buttons Encoder Enco	Network Control Port	1 (RJ45), dedicated Control por	t							
Type 802 11 b/g/n 2 4GHz Free Air Range 60ft Antenna Type External (as of October 2022) Antenna Connector RP-SMA Mechanical AZM4 AZM8 AZMP4 AZMP8 Airflow Front to Back Forced Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting Front Venting Front Venting Front Venting Front Venting Front Venting Seen 128 x 128 Color TFT Normally White, 1.45" Encoder / Buttons AGB (Blue/Green= On, RGB (Blue/Green= O	Speed	10/100mbps								
Free Air Range 60ft Antenna Type External (as of October 2022) Antenna Connector RP-SMA Mechanical AZM4 AZM8 AZMP4 Front to Back Operating Ambient Temperature Range Porced Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting Power Consumption AZM4 AZM8 AZMP4 AZMB AZMP4 AZMP8 Max Power Consumption AZM4 AZM8 AZMP4 AZMP8 AZMB AZMP4 AZMP8 AZMP8 AZMP4 AZMP8 AZMP8 AZMP8 AZMP4 AZMP8 AZMP	Wi-Fi - Control	All Non-Dante Models								
Antenna Type External (as of October 2022) Antenna Connector RP-SMA AZMP AZMP8 Airflow Front to Back Front to B	Туре	802.11 b/g/n 2.4GHz								
Antenna Connector RP-SMA Mechanical AZM4 Airflow Front to Back Operating Ambient Temperature Range O° - 40°C O° - 40°C O° - 40°C Cooling System Forced Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting Forced Air with Side and Back Panel Venting AZM4 AZM8 AZMP4 AZMPA AZMPB Sceen 128 x 128 Color TFT Normally White, 1.45° RGB (Blue/Green= On, RGB (Bl	Free Air Range	60ft								
Mechanical AZM4 AZM8 AzMB Airflow Front to Back Front do Back Front With Side and Back Panel Venting Front Panel Venting AZM4 AZM8 AZMB AZMP4 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP8 AZMP9 AZMP8 A	Antenna Type	External (as of October 2022)								
Airflow Front to Back Front to Back Front to Back Front to Back Operating Ambient Temperature Range 0° - 40°C 0° - 4	Antenna Connector	RP-SMA								
Operating Ambient Temperature Range O° - 40°C Forced Air with Side and Back Panel Venting Forced Air with Side a	Mechanical	AZM4	AZM8	AZMP4	AZMP8					
Cooling System Forced Air with Side and Back Panel Venting Forced Air with Side and Salve Panel Venting Forced Air with Side and Salve Panel Venting For	Airflow	Front to Back	Front to Back	Front to Back	Front to Back					
Panel Venting Panel Venting Panel Venting Panel Venting Panel Venting Panel Venting Energy Consumption AZM4 AZM8 AZMP4 AZMP8 Max Power Consumption 40W 75W 875W 1750W Front Panel AZM4 AZM8 AZMP4 AZMP8 Sceen 128 x 128 Color TFT Normally 128 x 128 Color TFT Normally White, 1.45" 128 x 128 Color TFT Normally White, 1.45" 24 Detent, Push Button Encoder Encoder Encoder Light Bar RGB (Blue/Green= On, RG	Operating Ambient Temperature Range	0° - 40°C	0° - 40°C	0° - 40°C	0° - 40°C					
Max Power Consumption40W75W875W1750WFront PanelAZM4AZM8AZMP4AZMP8Sceen128 x 128 Color TFT Normally White, 1.45"128 x 128 Color TFT Normally White, 1.45"128 x 128 Color TFT Normally White, 1.45"128 x 128 Color TFT 	Cooling System			I .	Forced Air with Side and Back Panel Venting					
Front Panel AZM4 AZM8 AZMP4 AZMP8 Sceen 128 x 128 Color TFT Normally White, 1.45" Normally White, 1.45" Encoder / Buttons 24 Detent, Push Button Encoder Encoder BGB (Blue/Green= On, RGB (Energy Consumption	AZM4	AZM8	AZMP4	AZMP8					
Sceen 128 x 128 Color TFT Normally White, 1.45" Encoder / Buttons 24 Detent, Push Button Encoder Light Bar RGB (Blue/Green= On, RGB (Blue/Gre	Max Power Consumption	40W	75W	875W	1750W					
Sceen 128 x 128 Color TFT Normally White, 1.45" 128 x 128 Color TFT Normally W	Front Panel	AZM4	AZM8	AZMP4	AZMP8					
Light Bar Encoder Encoder Encoder Encoder Encoder RGB (Blue/Green= On,		128 x 128 Color TFT Normally	128 x 128 Color TFT	128 x 128 Color TFT	128 x 128 Color TFT					
	Encoder / Buttons			1	The state of the s					
	Light Bar		RGB (Blue/Green= On, RGB (Blue							

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Free Air Range

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

Dimensions and Weight	AZM4	AZM8	AZMP4	AZMP8
Rack Mount Requirements	1 RU, 19"	1 RU, 19"	1 RU, 19"	2 RU, 19"
Dimensions (with Rack Ears) - Unit	W 19" x H 1.75" x D 11.7" (483mm x 45mm x 297mm)	W 19" x H 1.75" x D 11.7" (483mm x 45mm x 297mm)	W 19" x H 1.75" x D 15.03" (483mm x 45mm x 432mm)	W 19" x H 3.45" x D 15.03" (483mm x 88mm x 432mm)
Dimensions (without Rack Ears) - Unit	W 8.5" x H 1.75" x D 11.7" (216mm x 45mm x 297mm)	W 17" x H 1.75" x D 11.7" (432mm x 45mm x 297mm	W 17" x H 1.75" x D 15.03" (432mm x 45mm x 432mm)	W 17" x H 3.45" x D 15.03" (432mm x 88mm x 432mm)
Dimensions - Shipping	W 22" x H 4.75" x D 14" (559mm x 121mm x 356mm)	W 22" x H 4.75" x D 14" (559mm x 121mm x 356mm)	W 23.25" x H 4.75" x D 19.75" (591mm x 121mm x 502mm)	W 23.25" x H 7" x D 19.75" (591mm x 178mm x 502mm)
Weight - Unit	4.735 lbs (2.148kg)	8.330 lbs (3.778kg)	13 lbs (5.9kg)	19.7 lbs (8.9kg)
Weight - Shipping	7.3 lbs (3.3kg)	10.67 lbs (48kg)	18.45 lbs (8.45kg)	26.75 lbs (12.1kg)

Agency Approvals	All Non-Dante Models
Safety	Conforms to: ANSI / UL 62368-1 Certified to: CAN / CSA C22.2 #6236
FCC / ISED	Part 15 (Class B) (US), ICES-003 (Canada)



AZMP4 / AZMP8

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System	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW	
Туре	4-Zone Audio Processor Dante	8-Zone Audio Processor Dante	4-Zone Signal Processor with 600-Watt Amplifier and Dante	8-Zone Signal Processor with 1200-Watt Amplifier and Dante	8-Zone Signal Processi with 1200-Watt Amplifier and Dante in an all-in-one wall mount cabinet	
Power Requirements/Consumption	All Dante Models					
Mains Requirements) Hz (C14 Mains Inlet Conn	ector)			
maino riequiremento	100 210 1710,00 00	7112 (01 1 Wallio Hilet 001111				
Audio Inputs	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW	
Total number of processed system Sources	8	14	8	14	14	
Mic / Line Inputs	4 (Euroblock)	6 (Euroblock)	4 (Euroblock)	6 (Euroblock)	6 (Euroblock)	
RCA	2 (mono-summed)	4 (mono-summed)	2 (mono-summed)	4 (mono-summed)	4 (mono-summed)	
Line Outputs	4 (Euroblock)	2 (Euroblock)	2 (mono-summed)	2 (mono-summed)	2 (mono-summed)	
General Purpose Inputs	6 (Euroblock)	6 (Euroblock)	6 (Euroblock)	6 (Euroblock)	6 (Euroblock)	
Amplified RJ45 Output Ports	0	0	2	4	4	
Amplified Outputs	0	0	4	8	8	
ligh Priority Inputs	1 (Euroblock)	1 (Euroblock)	1 (Euroblock)	1 (Euroblock)	1 (Euroblock)	
General Purpose Outputs	2 (Euroblock)	2 (Euroblock)	2 (Euroblock)	2 (Euroblock)	2 (Euroblock)	
Atmosphere Accessory Ports	2 (RJ45)	4 (RJ45)	2 (RJ45)	4 (RJ45)	4 (RJ45)	
Balanced Mic / Line Inputs	Connector Type: 3.5mm Pitch Euroblock Color: Green Sensitivity: +4dBu with Gain Set to 0dB Input Gain: 0 - 60dB in 6dB Steps Phantom Power Voltage: +48VDC 10mA Accepts Unbalanced Inputs: Yes Maximum Input Level: +20dBu (7.72 Vrms) with Gain Set to 0dB Input Impedance: 3.9kQ EIN: -125dBu with 1500 Source Impedance and 20kHz BW CMRR: Typically 65dB at 1kHz Maximum Cable Size: 18AWG Minimum Cable Size: 24AWG					
RCA	Right Channel Color: Red Left Channel Color: White Type: Mono-summed Pairs Sensitivity: -10dBV Maximum Input: 2.4 Vrms (7.6dBV / 9.8dBu) for Both Inputs Driven and 4.78 Vrms (13.6dBV / 15.8dBu) for a Single Input					
Audio Outputs	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW	
Total number of processed system Zones	4	8	4	8	8	
Balanced Line Outputs	Connector Type: 3.5mm Pitch Euroblock Color: Orange Maximum Output Level: +20dBu (7.75 Vrms) Maximum Cable Size: 18AWG Minimum Cable Size: 24AWG					



AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET



Audio Performance - Line Inputs	All Dante Models
THD+N	<0.01% at 0dBu Input / Output with 0dB Gain at 1kHz
Frequency Response	±0.5dB 20Hz - 20kHz
Dynamic Range (S/N)	>108dB Unweighted 20Hz - 20kHz, > 110dB "A" Weighted
Crosstalk	>-78dB at 1kHz
Latency	Euroblock Input or RCA Input to Euroblock Output: 4.9 ms Accessory Input A/C to Euroblock Output: 5.9 ms Accessory Input B/D to Euroblock Output: 6.7 ms
Maximum Hardware Gain	60dB

Audio Performance - Powered Outputs (Amplifier)	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Signal to Noise Ratio	n/a	n/a	105dB	105dB	105dB
THD Maximum (1W to 100W, 1kHz)	n/a	n/a	0.02%	0.02%	0.02%
THD Maximum (1W to 600W, 1kHz)	n/a	n/a	0.20%	0.20%	0.20%
Maximum Output Current	n/a	n/a	10A	10A	10A
Maximum Output Voltage	n/a	n/a	100Vrms	100Vrms	100Vrms
Protection	n/a	n/a	Short, Thermal, HF, and DC	Short, Thermal, HF, and DC	Short, Thermal, HF, and DC
Amplifier Module Channel Count	n/a	n/a	4	4	4
Number of Amp Modules in System	n/a	n/a	1	2	2
Amplifier Module Total Power	n/a	n/a	615W	615W	615W
Total System Power	n/a	n/a	615W	1230W	1230W
Single Channel Max Power	n/a	n/a	600W	600W	600W
Single Channel Min Power	n/a	n/a	5W	5W	5W
Single Channel Max Power over CAT5	n/a	n/a	100W	100W	100W
Output Modes	n/a	n/a	4/8/25/48/70/100	4/8/25/48/70/100	4/8/25/48/70/100
Power Save Modes	n/a	n/a	Channel Standby, Mod- ule Deep Sleep	Channel Standby, Mod- ule Deep Sleep	Channel Standby, Mod- ule Deep Sleep
Independent channel output modes	n/a	n/a	Yes, individual per channel	Yes, individual per channel	Yes, individual per channel
2 ohm stable	n/a	n/a	Yes, at reduced power	Yes, at reduced power	Yes, at reduced power
Power Sharing	n/a	n/a	Yes	Yes	Yes
Power Sharing Minimum Increment	n/a	n/a	5W steps between 5-600W	5W steps between 5-600W	5W steps between 5-600W

Input Processing	All Dante Models	
EQ	dB/oct 8Hz Filter, PEQ, Low / High Shelf, Notch, LP / HP (BW 6, 12, 24, dB/oct)	
Dynamics	ate, De-Esser, Compressor, Auto Gain	
Other	Gain, Mixes (one per output)	

Output Processing	All Dante Models
EQ	PEQ, Tilter Filter, Low / High Shelf, Notch, Crossover LP / HP (BW 6, 12, 18, 24, and LR12, LR24), Speaker Tuning EQ Presets, Tone Control
Dynamics	Ambient Noise Compensation, Noise Detection, Priority Router
Frequency Response (8Ω)*	+/-0.5dB



AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

AUDIO SPECIFICATIONS / PERFORMANCE



0410	All Down Models
Masking	White or Pink Noise Source, Preset EQ Curves, 20 Band Perfect Fit GEQ (100Hz - 8kHz, Tilter Filter™, HPF (BW6, BW12), LPF (BW6, BW12), Enhanced Privacy Gain, (-12dB to +12dB), 7 Day Scheduler, Commissioning Ramp Scheduler (maximum of 30 days
	With Billian Broom
Other	Delay (500 ms), Gain
Crosstalk (1kHz)	-70dB

Other Connections	All Dante Models
General Purpose Inputs	Contact Closure: Normally Open Capable of Internal Pull-up to 5VDC via User Interface Voltage Input: 0 - 12VDC (1.3VDC Trigger Voltage)
High Priority Input	Contact Closure: Normally Open Capable of Internal Pull-up to 5VDC via User Interface Voltage Input: 0 - 12VDC (1.3VDC Trigger Voltage)
General Purpose Outputs	Source Current: 10mA at 5VDC Maximum Sink Current: 180mA Maximum Sink Voltage: 24VDC
Accessory Ports	Maximum Accessories per Port: 8 Maximum Accessories per AZM: 16 Maximum Bus Length: 1000ft Maximum Audio Wall Plates per Port: 1

Network - Control	All Dante Models	
Network Control Port	1 (RJ45), dedicated Control port	
Speed	10/100mbps	

Wi-Fi - Control	All Dante Models
Туре	802.11 b/g/n 2.4GHz
Free Air Range	60ft
Antenna Type	External
Antenna Connector	RP-SMA
Antenna Extender (AZMP8-DW only)	RP-SMA, 8" cable

Network - Dante	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Max Atmosphere Dante I/O	8x16	14x16	8x16	14x16	14x16
Dante I/O Hardware	Brooklyn 3, 16x16				
Port Type	1 (RJ45), dedicated Dante port				
Sample Rate	48kHz	48kHz	48kHz	48kHz	48kHz

(CONTINUES ON NEXT PAGE)



AZMP4 / AZMP8

AES67 Compatible

Free Air Range

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

Yes



Yes

TECHNICAL DATA SHEET

AUDIO SPECIFICATIONS / PERFORMANCE

Yes



Mechanical	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Airflow	Front to Back	Front to Back	Front to Back	Front to Back	Right to Left
Operating Ambient Temperature Range	0° - 40°C	0° - 40°C	0° - 40°C	0° - 40°C	0° - 40°C
Cooling System	Forced Air with Side and Back Panel Venting	Forced Air with Side and Back Panel Venting	Forced Air with Side and Back Panel Venting	Forced Air with Side and Back Panel Venting	Forced Air with Side Venting
Energy Consumption	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Max Power Consumption	40W	75W	875W	1750W	1750W
Front Panel	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Sceen	128 x 128 Color TFT Normally White, 1.45"	128 x 128 Color TFT Normally White, 1.45"	128 x 128 Color TFT Normally White, 1.45"	128 x 128 Color TFT Normally White, 1.45"	128 x 128 Color TFT Normally White, 1.45"
Encoder / Buttons	24 Detent, Push Button Encoder	24 Detent, Push Button Encoder	24 Detent, Push Button Encoder	24 Detent, Push Button Encoder	Up, Down, and Enter buttons
Light Bar	RGB (Blue/Green= On, Red = Fault)	RGB (Blue/Green= On, Red = Fault)	RGB (Blue/Green= On, Red = Fault)	RGB (Blue/Green= On, Red = Fault)	RGB (Blue/Green= On, Red = Fault)
Туре					

Yes

Yes

Dimensions and Weight	AZM4-D	AZM8-D	AZMP4-D	AZMP8-D	AZMP8-DW
Rack Mount Requirements	1 RU, 19"	1 RU, 19"	1 RU, 19"	2 RU, 19"	n/a, on-wall form factor
Dimensions (with Rack Ears) - Unit	W 19" x H 1.75" x D 11.7" (483mm x 45mm x 297mm)	W 19" x H 1.75" x D 11.7" (483mm x 45mm x 297mm)	W 19" x H 1.75" x D 15.03" (483mm x 45mm x 432mm)	W 19" x H 3.45" x D 15.03" (483mm x 88mm x 432mm)	W 18.7" x H 28.5" x D 4" (475mm x 723mm x 100mm)
Dimensions (without Rack Ears) - Unit	W 17" x H 1.75" x D 11.7" (432mm x 45mm x 297mm	W 17" x H 1.75" x D 11.7" (432mm x 45mm x 297mm	W 17" x H 1.75" x D 15.03" (432mm x 45mm x 432mm)	W 17" x H 3.45" x D 15.03" (432mm x 88mm x 432mm)	n/a, on-wall form factor
Dimensions - Shipping	W 22" x H 4.75" x D 14" (559mm x 121mm x 356mm)	W 22" x H 4.75" x D 14" (559mm x 121mm x 356mm)	W 23.25" x H 4.75" x D 19.75" (591mm x 121mm x 502mm)	W 23.25" x H 7" x D 19.75" (591mm x 178mm x 502mm)	W 26" x H 35" x D 12" (650mm x 890mm x 308mm)
Weight - Unit	8.5lbs	8.5lbs	13lbs	20lbs	30.5lbs
Weight - Shipping	12.5lbs	12.5lbs	18.5lbs	27lbs	46lbs

Agency Approvals	All Dante Models
Safety	Conforms to: ANSI / UL 62368-1 Certified to: CAN / CSA C22.2 #6236
FCC / ISED	Part 15 (Class B) (US), ICES-003 (Canada)



AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

Optional Accessories	
C-V / C-V-EU	Control Type: 24 Detents 360° Continuous Push Button Encoder Light Ring: RGB (Mute, Signal, Locate) Dimensions: 1.78" x 4.2" x 1.9" C-V Minimum Box Depth: 2.25"; C-V-EU Minimum Box Depth: 45mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 30mm.
C-ZSV / C-ZSV-EU	Control Type: 24 Detents 360° Continuous Push Button Encoder Light Ring: RGB (Mute, Signal, Locate) Screen: 128 x 128 Color TFT C-ZSV Dimensions: 1.78" x 4.2" x 1.9"; C-ZSV-EU Dimensions: 3.46" x 4.49" x 1.86" C-ZSV Minimum Box Depth: 2.25"; C-ZSV-EU Minimum Box Depth: 45mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 30mm.
A-RCA / A-RCA-EU	Right Channel Color: Red Left Channel Color: White Sensitivity: -10dBV (Same as AZM) Maximum Input Voltage: +8dBu Output Type: Mono Indicator: Green = Signal Presence, Red = Clip, Blue = Locate Dimensions: 1.78" x 4.2" x 1.5" A-RCA Minimum Box Depth: 2.25"; A-RCA-EU Minimum Box Depth: 45mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 30mm.
A-XLR / A-XLR-EU	Sensitivity: +4dBu (Same as AZM Balanced Inputs) Connector Type: XLR (Female) Retaining Clip: Yes Phantom Power Voltage: +48VDC 10mA Accepts Unbalanced Inputs: Yes Input Gain: 0 - 60dB Maximum Voltage Input: +20dBu Input Impedance: 3.4k\(\Omega\) EIN: 117dBu at 150\(\Omega\), 20kHz BW CMRR: Typically 50dB at 1kHz Indicator: Green = Signal Presence, Red = Clip, Blue = Locate A-XLR Dimensions: 1.79" x 4.20" x 2.1"; A-XLR-EU Dimensions: 3.46" x 4.49" x 2.1" A-XLR Minimum Box Depth: 3"; A-XLR-EU Minimum Box Depth: 55mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 40mm.
A-BT / A-BT-EU	BT Standard: V4.2 Audio Profile: A2DP Open Air Range: 60ft Output Type: Mono NFC: Tap-to-Pair Indicator: Green = Paired, Red = Error, Blue = Pairing Mode Button: Pairs and Unpairs Devices Dimensions: 1.78" x 4.2" x 1.4" A-BT Minimum Box Depth: 2.25"; A-BT-EU Minimum Box Depth: 45mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 30mm.



AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

X-ANS / X-ANS-EU	Data Returned to AZM: Non-audio Calibration: RMS, A-weighted, SPL Range: 30 - 110dBSPL Indicator: Blue = Locate Dimensions: 1.78" x 4.2" x 1.4" X-ANS Minimum Box Depth: 2.25"; X-ANS-EU Minimum Box Depth: 45mm EU Accessory includes optional box spacer plate. Minimum back box depth using included spacer = 30mm.
X-ZPS	Screen Type: 4.3" TFT capacitive touch Mic Connector: Neutrik brand female XLR Mic Input Sensitivity: +4dBu XLR Retaining Clip: Yes Phantom Power: +48VDC 10mA Input Gain Range: 0 - 60dB Maximum Voltage Input: +20dBu Input Impedance: 3.4k0 EIN: 117dBu at 1500, 20kHz BW CMRR: Typically 50dB at 1kHz Included Mic Polar Pattern: Cardioid SPL Maximum: 120dB Frequency Response: 70Hz - 16kHz Dynamic Range: >90 dB Light Ring: RGB Dimensions: 3.33" x 3.78" x 8.53" Housing Type: Cast aluminum Mounting: Table top or snap in plate



AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



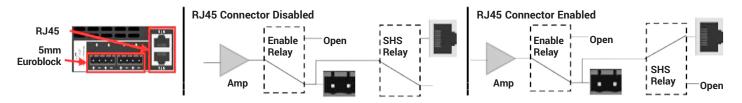
TECHNICAL DATA SHEET

AMPLIFIER OUTPUT SUMMARY (AZMP4, AZMP4-D, AZMP8, AZMP8-D, AND AZMP8-DW)

All amplified Atmosphere models utilize ground up, internally developed amplifier power sharing technology that allows for efficient use of available power and avoiding system overdesign due to traditional amplifier power ratings. The technology works in banks of 4 channels and has the ability to shift all available power supply power to a single channel or programmatically divide the available power supply power in any proportion to all channels. The technology does not simply rely on correct complex load calculations to divide power up but actively shapes the power to mimic the desired amplifier size per channel. Additionally, each output has the ability to independently operate in either HI-Z mode (25V, 48V, 70V, and 100V) or LOW-Z mode (4Ω or 8Ω). This methodology allows the amplifier to match the system design rather than the system design matching a convenient amp selection.

OUTPUT OPTIONS

Each amp channel can be assigned to traditional Euroblock connectors (5mm pitch) and/or an RJ45 connector that can be used with the SHS mini product line. When the RJ45 connector is utilized, the current is automatically limited to 1 Amp to protect the attached cable.

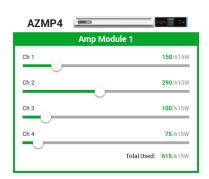


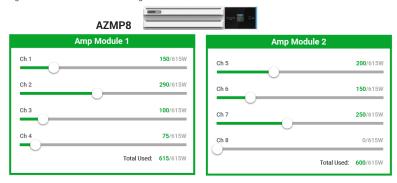
SELF TEST

Every AZMP has the ability to run an automated self diagnostic test that can highlight potential internal system issues (fan operation, relays, live faults, thermal issues, and power supply) and external system failures (loudspeaker failures based on changes in impedance and line voltage issues). A convenient scheduler feature allows the self diagnostic test to be defined and run on a regular basis. If any of the tests return a failed result the AZMP (internet connection required) can send an email notification to the party responsible for system maintenance.

POWER SHARING

The total power available for each bank of four channels is 615W. This can be split in 5W increments between all four channels (maximum power allowed to send to a single channel is 600W). Examples of compatible power sharing configurations shown the the images below.





AMPLIFIER POWER SPECS

Due to the extreme flexibility of the amplifier the below specification chart is limited to the maximum single channel driven and a balanced (150W/CH) all channels drive scenarios.

Single Channel Driven

Test Method	4Ω	8Ω	25V	48V	70V	100V
CAF Max Power*	400W	600W	250W	480W	600W	600W

All Channels Evenly Driven (150W)

All Glidillicis Everly Driver (1904)								
Test Method	4Ω	8Ω	25V	48V	70V	100V		
CAF Max Power*	150W	150W	150W	150W	150W	150W		

SHS Output **

Test Method	4Ω	8Ω	25V	48V	70V	100V
CAF Max Power*	5W	10W	25W	50W	70W	100W

- * = 15s continuous at 1kHz and rated THD%.
- ** = Output power is limited by 1A limitation on CAT5 cable.



ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

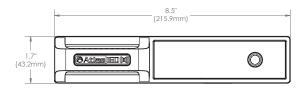
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

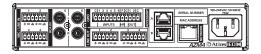


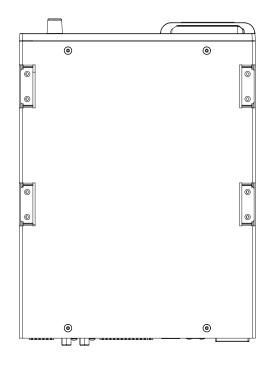
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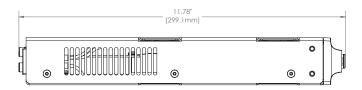
DIMENSIONAL DRAWINGS

AZM4











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

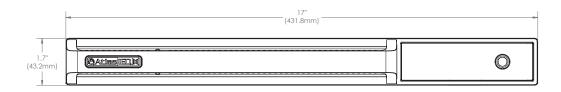
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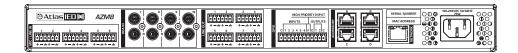


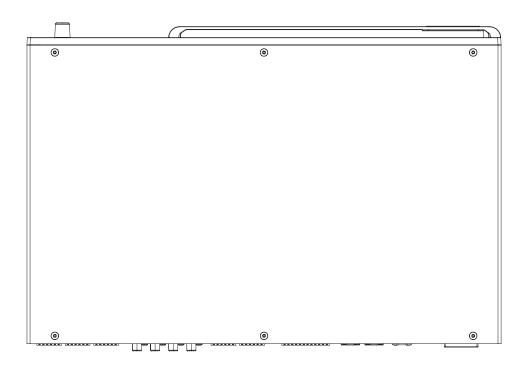
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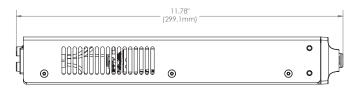
DIMENSIONAL DRAWINGS

AZM8











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

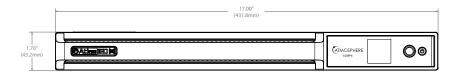
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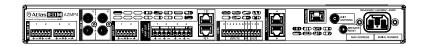


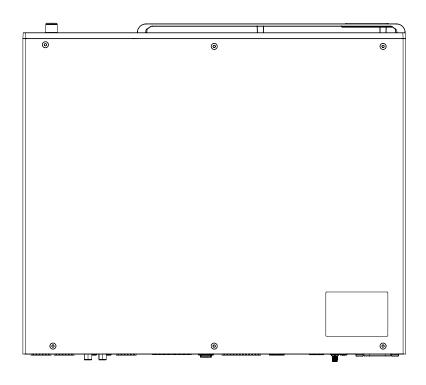
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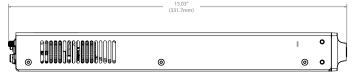
DIMENSIONAL DRAWINGS

AZMP4











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

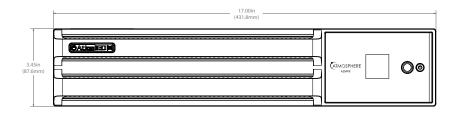
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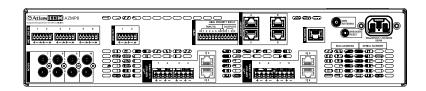


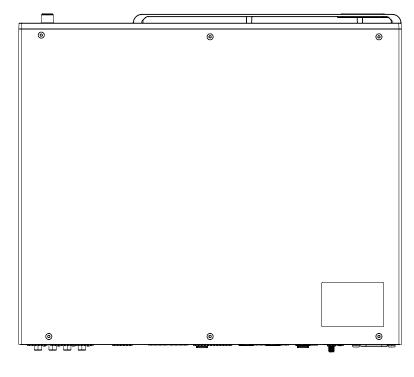
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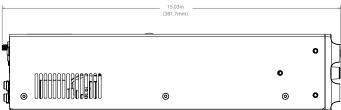
DIMENSIONAL DRAWINGS

AZMP8











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

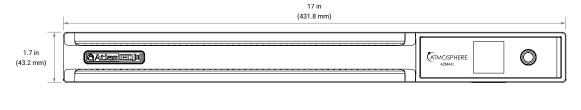
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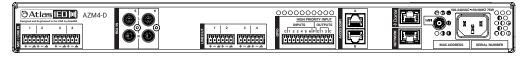


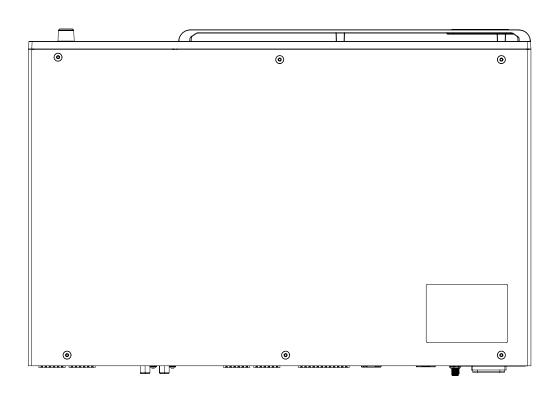
TECHNICAL DATA SHEET

DIMENSIONAL DRAWINGS

AZM4-D











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

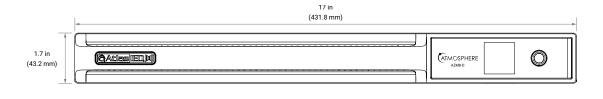
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

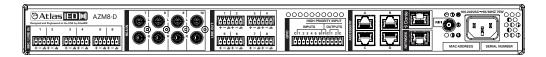


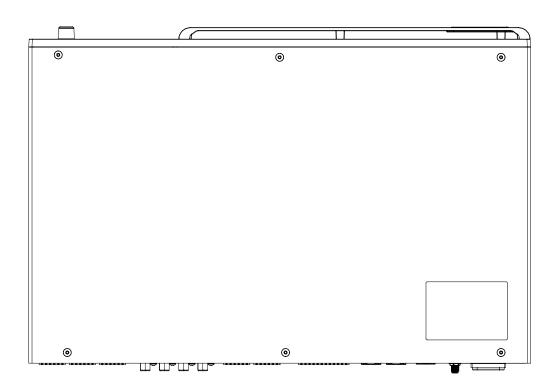
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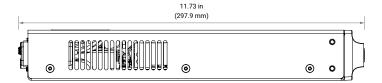
DIMENSIONAL DRAWINGS

AZM8-D











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

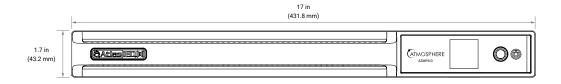
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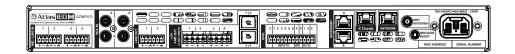


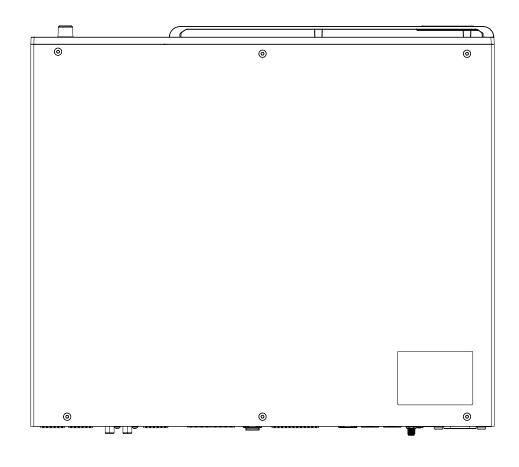
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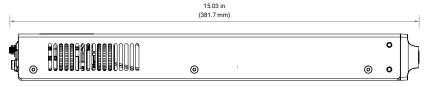
DIMENSIONAL DRAWINGS

AZMP4-D











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

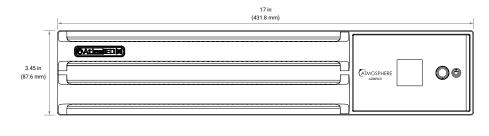
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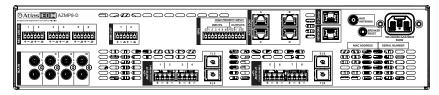


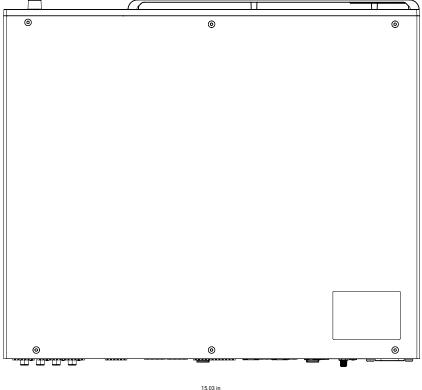
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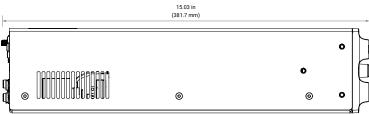
DIMENSIONAL DRAWINGS

AZMP8-D











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

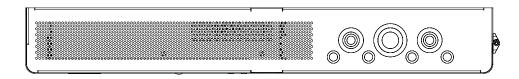
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

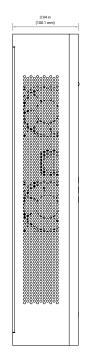


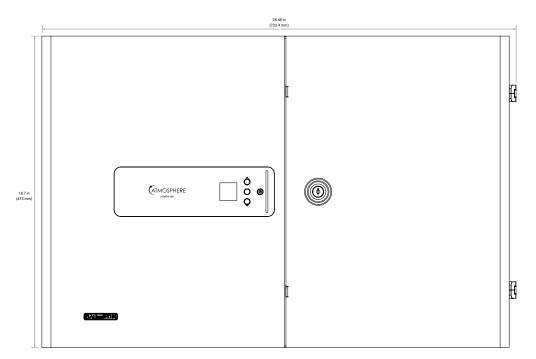
TECHNICAL DATA SHEET

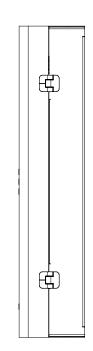
DIMENSIONAL DRAWINGS

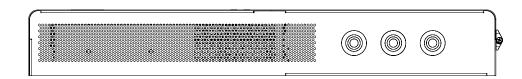
AZMP8-DW













ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

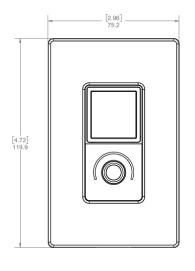
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

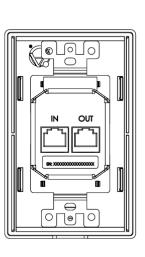


TECHNICAL DATA SHEET

DIMENSIONAL DRAWINGS

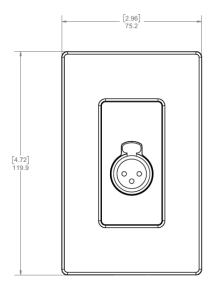
C-V, C-ZSV, A-RCA, A-BT, and X-ANS share the same dimensions

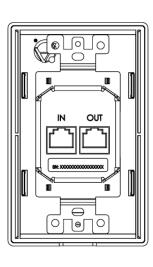


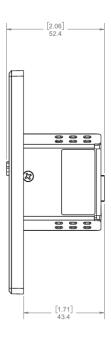




A-XLR







ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

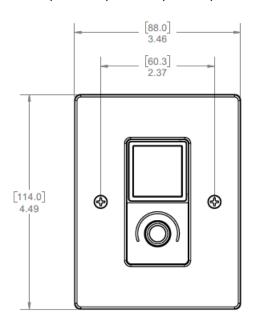
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

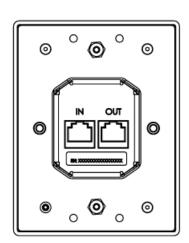


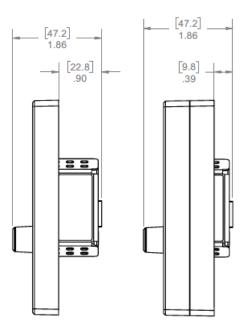
TECHNICAL DATA SHEET

DIMENSIONAL DRAWINGS

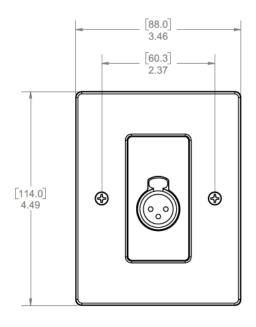
C-V-EU, C-ZSV-EU, A-RCA-EU, A-BT-EU, and X-ANS-EU share the same dimensions

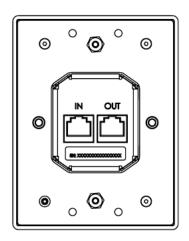


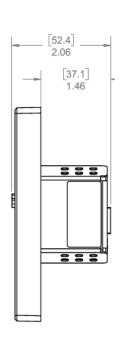


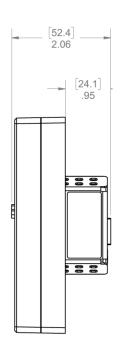


A-XLR-EU









ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

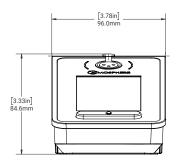
ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE

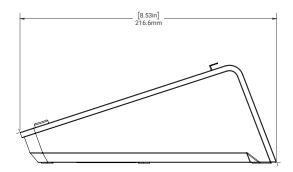


TECHNICAL DATA SHEET

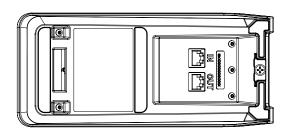
DIMENSIONAL DRAWINGS

X-ZPS

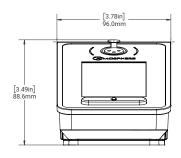


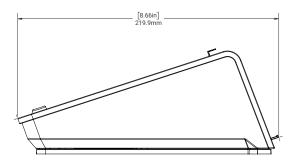


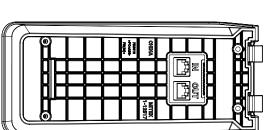




X-ZPS with desk mount installed











ATMOSPHERE SIGNAL PROCESSOR

AZMP4 / AZMP8

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER

AZM4-D / AZM8-D / AZMP4-D AZMP8-D / AZMP8-DW

ATMOSPHERE SIGNAL PROCESSOR AND AMPLIFIER WITH DANTE



TECHNICAL DATA SHEET

DIMENSIONAL DRAWINGS

X-ZPS with 16" gooseneck mic installed

