AQZ 32

Matrix Zone Mixer

5-YEAR WARRANTY

AQZ32 is the flagship AquaControl™ DSP matrix processor, combining 16×16 processed analog I/O with built-in Dante® for scalable installed-sound systems.

- ✓ **Advanced AquaControl™ DSP - with built-in Dante®**
- ✓ **16×16 Matrix Processor - Scalable to 32×32**
- ✓ **Intuitive browser-based remote access**

AquaControl™
+
‡ Dante®

The AQZ32 delivers a powerful 16×16 matrix processor with 16 processed mic/line inputs and 16 processed line outputs, then adds Dante® AoIP to expand system routing up to 32×32 for larger projects. Configure and manage the system through our intuitive browser-based AquaControl™ interface with straightforward remote Ethernet access, backed by a comprehensive DSP toolkit for easy tuning, routing, and programming.

AQM 408

Speaker Processor/Zone Mixer

5-YEAR WARRANTY

AQM408 is a powerful AquaControl™ DSP solution that blends speaker processing and multi-zone routing in a 4×8 format, ideal for amp racks, performance installs, and distributed systems

- ✓ **Advanced AquaControl™ DSP Engine**
- ✓ **Intuitive browser-based remote access**
- ✓ **4×8 Speaker Processor & Multi-zone DSP**

The AQM408 delivers the AquaControl™ DSP experience in a streamlined 4×8 platform designed for speaker processing and zone distribution. Use it to handle tuning, routing, and protection tasks while keeping control simple through an intuitive browser-based interface. With remote Ethernet access and a capable DSP toolbox, the AQM408 helps you deploy great-sounding systems quickly.

AQM 1208

Matrix Zone Mixer

5-YEAR WARRANTY

ZONE SERIES

POWER
COM
STATUS
INPUT
OUTPUT
1 2 3 4 5 6 7 8 9 10 11 12

ASHLY

AQM 1208

AQM1208 is a workhorse AquaControl™ DSP matrix processor, combining a flexible 12×8 analog matrix with mic/multi-zone capability for everyday installed-sound systems.

- ✓ **Advanced AquaControl™ DSP Engine**
- ✓ **Intuitive browser-based remote access**
- ✓ **Mic/multi-zone ready 12×8 Matrix Processor**

The AQM1208 combines Ashly's AquaControl™ DSP platform with a flexible 12×8 matrix built for real-world installed sound. Its mic/multi-zone-ready design makes it ideal for speech, paging, and distributed audio applications, while the intuitive browser-based interface keeps configuration and day-to-day management fast and simple. With straightforward remote Ethernet access and a comprehensive DSP toolkit, the AQM1208 is ready for confident tuning, routing, and 24/7 operation.

AquaTouch 7

Touch Remote

5-YEAR WARRANTY

AquaTouch7 is a secure, PoE-powered 7" touchscreen remote that brings intuitive on-wall control to any AquaControl™ DSP system.

The AquaTouch7 is the ideal companion to the AquaControl™ DSP family, providing convenient touchscreen access to all remote control pages available in AquaControl™. Powered via standard PoE, it connects over Ethernet for clean, reliable installation - no extra power supply required. Mount it flush in a standard 1-gang box for a finished, on-wall experience, or use it on a desk for flexible local control.

- ✓ **Compatible with all AquaControl™ DSP products**
- ✓ **Secure touchscreen remote control**
- ✓ **Wall-mountable & PoE-Powered**

SPECIFICATIONS

	AQZ32	AQM1208	AQM408
I/O Configuration	16 Balanced Mic/Line Inputs (Euroblock), 16 Line Outputs (Euroblock)	12 Balanced Mic/Line Inputs (Euroblock) + 4 summed RCA Unbalanced Line Inputs (on ch 9-12), 8 Line Outputs (Euroblock)	4 Balanced Line Inputs (XLR), 8 Balanced Line Outputs (XLR)
Network Audio	Dante with redundancy (32 in x 32 out)	n/a	n/a
DSP Functions	Gain, Remote VCA Gain, DCA Gain, Compressor, Auto Leveler, Brick Wall Limiter, 10-band PEQ, 28-band GEQ (In 1-16, Out 1-8 only), Feedback Suppressor, HPF, LPF, Delay, 2/3/4-way X-Over, FIR Filters, Ambient Noise Compensation, Ducker, Gate, Signal Generator, Automatic Mic Mixer	Gain, Remote VCA Gain, DCA Gain, Compressor, Auto Leveler, Brick Wall Limiter, 10-band PEQ, Feedback Suppressor(In 1-8 only), HPF, LPF, Delay, 2/3/4-way X-Over, FIR Filters, Ambient Noise Compensation, Ducker, Gate, Signal Generator, Automatic Mic Mixer	Gain, Remote VCA Gain, DCA Gain, Compressor, Auto Leveler, Brick Wall Limiter, 10-band PEQ, 31-band GEQ, Feedback Suppressor, HPF, LPF, Delay, 2/3/4-way X-Over, FIR Filters, Ambient Noise Compensation, Ducker, Gate, Signal Generator
Distortion (THD-N, typical)	<0.01% @ 1kHz, 0dBu	<0.01% @ 1kHz, 0dBu	<0.01% @ 1kHz, 0dBu
Frequency Response	20Hz-20kHz, ±0.25dB	20Hz-20kHz, ±0.25dB	20Hz-20kHz, ±0.25dB
S/N Ratio	>110dB (20Hz-20kHz)	>110dB (20Hz-20kHz)	>110dB (20Hz-20kHz)
Input Impedance	3kΩ	3kΩ	10kΩ
Propagation Delay	2.6 ms (Dante not in use)	1.31 ms	1.08 ms
Digital Performance	32bit/48kHz	32bit/48kHz	32bit/48kHz
Environmental	40°F-120°F (4°C-49°C)	40°F-120°F (4°C-49°C)	40°F-120°F (4°C-49°C)
AC Mains Nominal Voltage Input	90-240VAC, 50/60Hz	90-240VAC, 50/60Hz	90-240VAC, 50/60Hz
Software	AquaControl™ Integrated web-server, accessible via web browser	AquaControl™ Integrated web-server, accessible via web browser	AquaControl™ Integrated web-server, accessible via web browser
Control I/O	Ethernet 100/1000BaseT, Remote VCA (8), GPI/O (8/2)	Ethernet 100/1000BaseT, Remote VCA (8), GPI/O (8/2)	Ethernet 100/1000BaseT, Remote VCA (3), GPI (2)
Compatible Ashly Remote Control Devices	AquaTouch7, WR-1, WR-1.1, WR-1.5, WR-2	AquaTouch7, WR-1, WR-1.1, WR-1.5, WR-2	AquaTouch7, WR-1, WR-1.1, WR-1.5, WR-2
Unit Weight	7 lbs	6.2 lbs	6.2 lbs
Unit Dimensions	19"W x 1.75"H x 8.5"D (483mm x 45mm x 216mm)	19"W x 1.75"H x 8.5"D (483mm x 45mm x 216mm)	19"W x 1.75"H x 8.5"D (483mm x 45mm x 216mm)

AquaControl

Want to explore AquaControl™ before you buy? AquaControl Portal is a Windows® app that emulates the AquaControl experience offline, so you can learn the interface and build presets in advance. Save configurations and import them into a compatible AquaControl product later.

* AquaControl Portal cannot connect to a live unit and is for offline demonstration purposes only

AquaControl

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