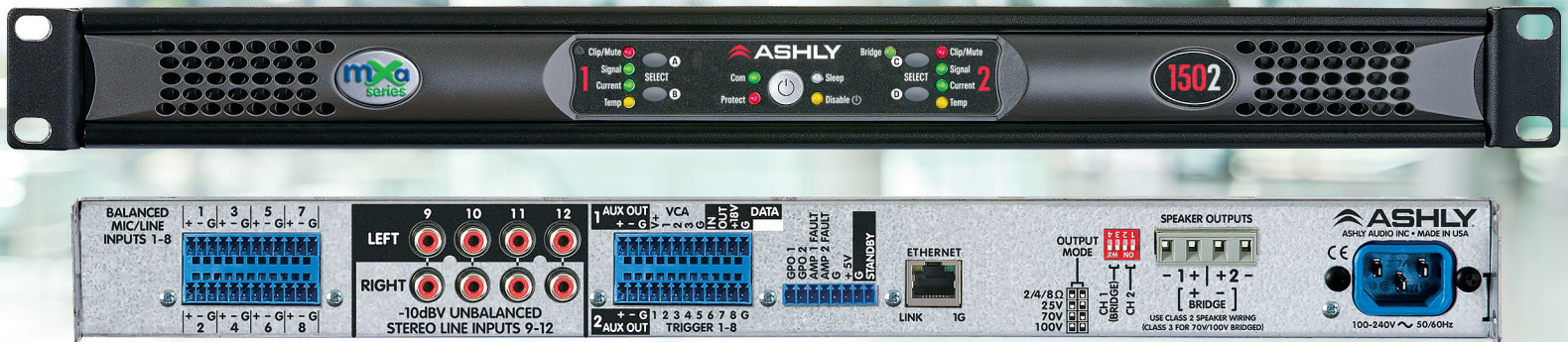# mXa-1502. Four zones of mixing and DSP, plus 2 x 150W of power and programmable mic preamplifiers...made simple and compact.
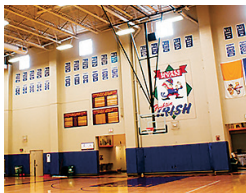

Houses of Worship

Retail Stores

Restaurants, Bars, Hotels, Meeting and Event Venues

K-12 multi-purpose rooms, gyms, college lecture halls, auditoriums, sports fields

The new mXa-1502 gives your customers multi-zone music distribution, paging, sound-masking and automatic mixing for a wide-range of environments.

Process 12 audio inputs into four different areas of a church, restaurant, school or office/warehouse complex, etc., with a single rack space device that includes two Ashly-reliable 150-watt amplifiers capable of driving 2,4 and 8-ohm as well as 25, 70 and 100V loads.

And a rich compliment of digital signal processing, including routing, auto-mixing, ducking, amplifier monitoring, event scheduling/triggering and more.

All through an easy-to-use GUI that doesn't require a week of tutorials to understand and configure. The most intuitive interface ever, Ashly-Control software, lets you and your customers navigate using virtually any browser-enabled device. Trouble-shoot or re-configure it without having to travel to the client location. Or choose from two new hard-wired single-gang remotes.

The mXa-1502 provides total control over four zones: church sanctuary, balcony fill, crying room and foyer. Restaurant bar, main dining room, patio and waiting area. Reception, offices, conference room and warehouse. A big ballroom that gets partitioned into smaller spaces. You get the idea.

Call your Ashly representative or visit us on the web.

- ▌ 8-balanced Mic/Line Inputs
- ▌ Precision Class A mic preamp design
- ▌ 4 Stereo Line Inputs
- ▌ 4 Outputs
- ▌ 2 x 150W Class D Amplifiers with selectable Multi-mode operation (2/4/8 Ohm + 25/70/100V)
- ▌ Four convenient front-panel buttons for source/preset select
- ▌ Comprehensive DSP on all inputs and outputs. See full list on page 2 of this document

- ▌ Scheduler and RTC (Real-Time Clock) allows user-defined automatic, timed activation of various operations
- ▌ New, advanced Ashly-Control software allows easy and convenient access from many browser-based devices. No app to install
- ▌ Generous integration I/O, including: Network, Serial, GPIO, VC, Standby & Fault (works with new WR-1.1 and WR-1.8 remotes)
- ▌ Compact 1U design reduces rack space requirements

The mXa-1502 has comprehensive DSP.

mXa-1502 Preliminary Specifications

Damping Factor	>250 (8 Ohm load <1kHz)
Distortion (SMPTE, typical)	<0.5%
Distortion (THD-N, typical)	<0.5% (8 Ohms, 10dB below rated power, 20Hz–20kHz)
Channel Separation	-75dB (dB from full output, 1kHz)
Signal-to-Noise (unweighted)	20Hz-20kHz, Gain@26dB
Frequency Response	20Hz-20kHz, ±0.05dB
Balanced Input Connector	Euroblock 3.5mm
Input Impedance	10k Ohms
Maximum Input Level	+21dBu
Speaker Output Connector	Euroblock 7.62mm
Nominal Voltage Input	100 – 240VAC
Operating Range	70 – 270VAC
Power Supply Type	SMPS with active PFC
AC Mains Line Cord Connector	Detachable Nema 5-15 for USA
Control Network	RJ-45 connector, 1GB Ethernet
AUX Output Connector	Balanced Euroblock 3.5mm
AUX Output Maximum Level	+21dBu
Data Connection	Euroblock 3.5mm – Gnd, +18V, Data Out, Data In
Fault Condition Logic Outputs	Euroblock 3.5mm – fault indicated by loss of 1Hz "heartbeat" pulse signal
Remote DC Level Control	Euroblock 3.5mm – Gnd, CV, V+ per input
Amplifier Protection	Shorted output power limiting, over-temperature, DC-output, power-supply fault, mains-fuses & inrush-current limiting
Cooling	Continuously variable temperature controlled fan
Unit Dimensions	19"W x 1.75"H x 14.54"D (483mm x 45mm x 369mm)
Dimensions	25.2"W x 2.5"H x 19.5"D 641mm x 64mm x 495mm
Weight	13.0 lbs (5.4 kg)

Inputs
- Programmable Analog Mic Preamps
- Phantom Power On/Off
- Gain with Link Group Assign and Polarity switch
- Remote Gain
- DVCA Gain
- Meter with Peak Hold

Equalizers
- 31-band Graphic — Constant or Proportional Q
- 10-band Parametric EQ + HPF / LPF
- Signal Generator
- Delay

Dynamics
- Compressor
- Auto Leveler
- Clip (Brick Wall Limiter)
- Gate
- Anti-Feedback (AFC)

Mixer 1-4
- Matrixing
- Automixers
- Ducker

Outputs
- 31-band Graphic — Constant or Proportional Q
- 10-Band Parametric
- FIR Filters
- 2/3/4-way Crossover
- Ambient Noise Control
- Delay
- Dynamics (same as Inputs)
- Signal Generator
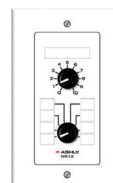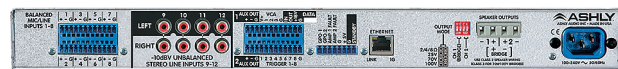- Meter with Peak Hold

Project Scheduler (Calendar)

Event Logs

Reports

Compatibility
- Windows® OS 7, 8, 8.1, 10
- Mac® OS 10 and later
- Linux

Web Browsers
- Chrome for Windows®, OS X, iOS, Android®
- Firefox for Windows®, OS X, iOS, Android®
- Safari for OS X
- Edge for Windows®

WR-1.8 Remote Volume and Source Select

WR-1.1 Remote Volume Control

www.ashly.com/mxa-1502
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800-828-6308 US toll-free