

Atlona AT-OMNI-238 16-Output IP to Analog Audio Bridge

The Atlona **OmniStream™ 238 (AT-OMNI- 238)** receives audio streamed from OmniStream AV encoders, and delivers up to 16 audio outputs, configurable as eight stereo pairs or 16 mono channels. OmniStream features industry standard, AES67-compatible audio over IP streaming. Up to sixteen channels of PCM audio can be received by the OmniStream 238. An audio stream can be routed to one or more unbalanced or balanced outputs, each with programmable volume control. The OmniStream 238 is ideal for feeding audio from HDMI sources into a whole-house audio system, as well as multiple audio zones in a commercial AV application.

Easy to configure, simple to manage

OmniStream AV over IP systems are remarkably easy to set up and manage – whether for a meeting room, residence, divisible room, or an entire university campus. Atlona Management System (AMS) 2.0 features automatic network device discovery, plus an intuitive web-based GUI that lets you configure virtual routing for AV, control, and data over the network – just as easily as you would with conventional AV matrix switching. AMS also streamlines and simplifies management of OmniStream systems through continuous system monitoring, notifications and alerts, event logging, multi-device configuration and backup, automated firmware updates, remote device control, and more.

Dante audio networking

The OmniStream 238 is also a Dante networked audio interface. Audinate Dante is a popular audio networking technology widely used in the commercial AV and professional audio industries. With Dante, the OmniStream 238 can be integrated with Dante-equipped DSPs and facility or enterprise-wide distributed audio systems for paging, background music, conferencing, and other applications. (**Note:** Dante audio over IP routing configuration requires Dante Controller software.)

OmniStream product compatibility

The OmniStream 238 is compatible with OmniStream Pro and OmniStream R-Type encoders, as well as the OmniStream 232 IP / analog audio bridge.

Applications

- **Residential whole-house audio systems** – The OmniStream 238 can interface directly into multi-room amplifiers. It can be programmed into a control system to allow localized user volume control in separate areas throughout a residence.
- **Bars, restaurants, offices, and other small to mid-sized commercial environments** – The OmniStream 238 is ideal for multi-zone audio, as well as delivering background music throughout.
- **Large commercial environments such as convention centers, stadiums, and houses of worship** – The OmniStream 238 can be integrated with Dante-equipped DSPs and mixing consoles to distribute audio to designated areas or rooms.

Atlona AV Over IP Certification

Atlona is pleased to offer Atlona AV Over IP Certification through **free**, InfoComm-certified and accredited online education courses. With AV Over IP Certification, you'll have the credibility, knowledge, and confidence to inform your customers on the ideal networked AV system solutions for their requirements, and deliver quality sales and technical support whenever necessary.

Being certified by Atlona gives you priority and key advantages in selling and supporting OmniStream systems. For more information, please contact your Atlona sales representative.

Atlona Professional Services

Atlona provides project design, configuration and management services to system designers and integrators working with OmniStream AV over IP products. A trusted authority in providing support and guidance during the system design and deployment phases, Atlona will work with you to ensure optimal performance and efficiency in your AV over IP projects.

Contact us to get started and we will assign a dedicated engineer to guide you through the project from beginning to end . From creating a customized planner through commissioning to final on-site training, Atlona will provide each customer with the same exceptional level of care and support regardless of size. See our overview of our OmniStream Professional Services.

Features

Receives up to 16 audio streams from OmniStream AV encoders

- Receives up to eight stereo or 16 mono audio streams, and sends them to analog audio outputs
- Provides convenient integration of HDMI embedded PCM audio into whole-house and commercial audio distribution systems

AES67-compatible audio over IP streaming

- OmniStream R-Type features industry standard, AES67-compatible networked audio streaming between encoders, decoders, and audio interfaces
- Also enables integration with AES67-compatible audio products and systems

Dante networked audio interface

- Integrate with Dante-equipped DSPs and systems*

- Interface directly into a facility or enterprise-wide distributed audio system for paging, background music, and more
- * *Dante audio over IP routing configuration requires Dante Controller software.*

16 balanced or unbalanced analog audio outputs

- Configurable as stereo audio pairs or mono channels
- Compatible with consumer or professional amplifiers and sound systems

Dedicated, programmable volume and mute control for each audio output

- Enables independent output level settings to control volume in a specific room or zone
- Also ideal for establishing proper gain structure in commercial audio systems

IP control

- Ready for integration with Atlona Velocity™ and third-party control systems
- Flexible options for volume and mute control through simple, convenient API access

Supports cascading up to eight units

- Integrated Gigabit Ethernet switch allows direct interconnection of multiple OmniStream 238 units
- Simplifies integration for larger systems with just a single connection to the network

Simplify integration with plug-and-play network switch compatibility

- Streamline system setup by using Atlona Certified Switch configurations for popular models from Cisco, Luxul, and others
- Saves installation time and costs without the need to manually configure a network switch

Easy to configure and manage with AMS (Atlona Management System)

- Intuitive, web-based GUI for setting up OmniStream systems, including virtual routing for AV*, control, and data over the network
- Simplify OmniStream system management with continuous monitoring, notifications and alerts, multi-device configuration and backup, automated firmware updates, and more
- Available as a cost-effective server appliance, or a free software download

Rack mountable 1U, full-rack width enclosure

- Installs easily in rack mounted systems with included 19" rack mount brackets
- Reduces installation time and cost

Included accessories

- Installation guide, rack mounting brackets, captive screw connectors, and external universal power supply

Award-winning 10 year limited product warranty

- Ensures long-term product reliability and performance in residential and commercial systems
- Specify, purchase, and install with confidence