UXP-HUBA-32x32
Network-Enabled 32x32 Analog Audio Switch with Dante™

NUCLEUS
AV Over IP – Simplified

EvertzAV's NUCLEUS is an AV over IP platform developed exclusively for enterprises looking for the highest in quality and reliability while maintaining a simplified user experience.

Dante™

Key Features

- 32 mono (or 16 balanced stereo) analog audio inputs
- 32 mono (or 16 balanced stereo) analog audio outputs
- 2 SFP+ ports allow for the transmission and reception of up to 32 ST302M stereo pairs
- Dante™ Brooklyn II module included allowing for up to 32x32 simultaneous Dante audio streams
- 11-step attenuation control on analog audio outputs
- Auto-discovery and simplified provisioning features
- Third-party control support
- Web-based configuration

Audio Switching Powerhouse

The UXP-HUBA-32x32 is a versatile professional audio switch designed to support seamless internal switching from any of its inputs to any of its outputs. With 32 mono channel (16 balanced stereo) line level analog audio inputs and outputs, Dante audio interoperability, and support for 32 ST302M stereo pairs on both of its SFP+ ports, the UXP-HUBA-32x32 is an audio switching powerhouse. Leveraging Evertz's award winning SDVN technology, the UXP-HUBA-32x32 affords you the benefits of using 1Gbps or 10Gbps Ethernet to interface with external audio systems using a single link to the switch fabric.
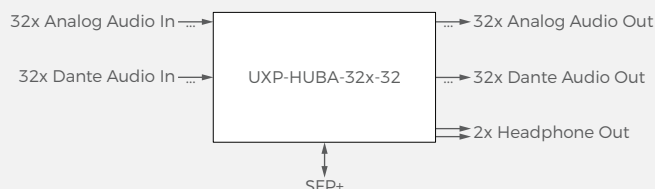
Robust Supplementary Feature Set

The UXP-HUBA-32x32 comprises of many additional important features including an LCD display for quick configuration and control, a USB port for serial SSH access, 11-step attenuation control on the analog audio outputs. a persistent power option that automatically powers on the switch after a loss of AC power, enhanced security compliance features, and much more.
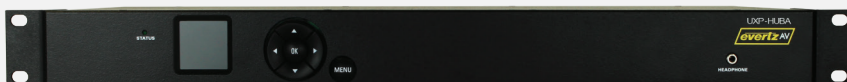
Fully Integrated with the NUCLEUS Platform

The UXP-HUBA-32x32 is a managed element of the NUCLEUS platform which is controlled by the NUCLEUS Session Manager — a full featured centralized management server used for the configuration, control, and orchestration of the UXP AV devices. Any combination of UXP AV devices can be interconnected using a COTS (Commercial Off The Shelf) network switch and then configured and managed by the NUCLEUS Session Manager.

Inputs and Outputs

32x Analog Audio In →
32x Dante Audio In →

UXP-HUBA-32x-32

→ 32x Analog Audio Out
→ 32x Dante Audio Out
→ 2x Headphone Out

SFP+

Front

Rear

Specifications

Internal Switching	32x32 analog audio switching
Analog Audio Inputs	32 mono (16 balanced stereo) using modular phoenix connectors
Analog Audio Input Level	Line level
Analog Audio Input Impedance	20 kΩ / 48kHz
Analog Audio Outputs	32 mono (16 balanced stereo) using modular phoenix connectors
Analog Audio Output Level	Line level
Analog Audio Output Impedance	>5 kΩ / 48 kHz
Attenuation Control	Line level default, 1dB steps to -9dB and mute on analog outputs
Dante Audio	Dante Brooklyn II module included Supports 32x32 simultaneous Dante audio streams
Ethernet Transport	2x 10/100/1000Base -T RJ45 Ethernet Ports (IEEE 802.3) (1x for Control and 1x for Dante)
Ethernet Connector	RJ45
10GE Ports	2x SFP+ for transmit/receive of up to 32 ST302M stereopairs (see available accessories)
USB	1x (for SSH configuration)
Control System	NUCLEUS Session Manager
Third-Party Control Support	Yes
In-Band Control	Yes
Web-Based Configuration	Yes (via NUCLEUS Session Manager)
Security Compliance	Compliant with applicable DoD Network Devices Security Technical Implementation Guide (STIG)
Other Features	Persistent power switch, LCD display
Voltage	100-240V / 50-60Hz
Connector	IEC 60320 C14
Power Consumption	130W
Ambient Operating Temperature	32˚ to 104˚ F (0˚ to 40˚ C)
Relative Humidity	10% to 90% RH (non-condensing)
Dimensions (H x W x D)	3.5in x 17.25in x 9.25in (89mm x438mm x 235mm)19in wide rack mountable with rack ears
Weight	139.15 oz (3945 g)

Ordering Information

UXP-HUBA-32x32	Network-enabled audio switch: 32x32 analog audio inputs and outputs, 32x32 Dante audio, 1x TDM input and output, 2x SFP+ ports

Available Accessories

UXP-SFP2-1G-T	SFP+, 1000 BASE-T RJ45, 100m
UXP-SFP-2G5-T	SFP+, 2.5G BASE-T RJ45, 100m
UXP-SFP-10G-T	SFP+, 10G BASE-T RJ45, 30m

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Contents Subject to Change
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