LUNA-U
Unified audio matrix processor

Highlights:

- null
- null
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Product information:

The LUNA-U is the next-generation audio matrix processor, offering highly flexible and scalable system solutions for audio distribution from medium-sized to the largest enterprise solutions. The internal structure provides unseen flexibility and a vast number of possibilities for an audio distribution system. The powerful DSPs (dual SHARC) combined with 32-bit ADC and DAC converters allow the most extensive signal processing with superb audio quality.

It includes 12 Mic/Line Inputs and 8 Line level outputs. Additionally, up to 32 Dante™/AES67 I/O Channels are available with a single ethernet port, allowing the integration of the system with any Dante™/AES67 compatible audio over IP I/O unit.

The flexible architecture allows fully flexible mapping of the signal path to any of the 32 mono or 16 stereo zones, while the powerful DSP resources provide unique processing features on all input channels, output channels, and zones. Dante-enabled paging microphones and smart wall panels make the complete system solution even more flexible and unique.

The internal Linux core provides the entire control of the LUNA series while also accommodating messaging, event scheduling, and implementation possibilities for future Linux-based functions. In addition to full network control, RS-232 and RS-485 interfaces are available for receiving third-party serial communication. For your system solution, you can easily incorporate the control of the entire system and compatible devices into your user interface by using our simplified design and system control platform, AUDAC Touch™.

Certification:

Dante® Option available

Dante® Domain manager

Additional Inputs:

USB   TCP-IP

Applications:

- null
- null
- Hotels
- null
- Education
- null

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System specifications:

Inputs	Mic / Line inputs	12
	GPIO Inputs	12 (in)
	USB Inputs (Type C)	null
		null
		null
Outputs	Line outputs	8
	GPIO Outputs	12 (out)
	Fault	null
Network audio I/O		null
Zones		null
		null
Configurable settings	ALC (Automatic Gain control)	Yes
	AEC (Acoustic Echo cancellation)	No
	Integrated event scheduler	Yes
	Phantom power on inputs	null
	WaveTune (input & zone)	null
	WavePreset (output)	null
	Delay (output)	2000 ms
	Mono / stereo zones (configurable)	Yes
	Mixing	Yes
	Talkover	Yes
	Paging	Yes
	Priorities	null
	Integrated generator	null
	Output Volume offset	Yes
	Others	null
DSP Processor		null
		null
Configuration		Audac Touch™
Controls & indicators	Front panel	null
	Interface ports	RS-232
		RS-485
		null

Power	Supply	100 ~ 240 V AC / 50 ~ 60 Hz
		24 V DC

Product Features:

Dimensions	18.98 x 1.73 x 13.19 " (W x H x D)
Mounting	19"
Unit height	1 HE
Construction	Steel
Colours	Black (RAL9005)

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