



LUNA-F

Flexible network audio matrix processor

Highlights:

- null

Product information:

The LUNA-F 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 DSP's (dual SHARC) combined with 32-bit ADC and DAC converters allow the most extensive signal processing with superb audio quality.

It includes 8 Mic/Line Inputs, 8 flex channels that can be switched between 8 Mic/Line Inputs or Line level output, and 8 Line level outputs. Additionally, up to 64x64 Dante™/AES67 I/O Channels are available with primary and secondary ethernet ports, allowing the integration of the system with any Dante™/AES67 compatible audio over IP I/O units with redundancy.

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™.

Applications:

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



Certification:



Additional Inputs:



System specifications:

Inputs	Mic / Line inputs	8
	Flex inputs / outputs	8
	GPIO Inputs	24 (flex)
	USB Inputs (Type C)	null
		null
Outputs	Line outputs	8
	GPIO Outputs	24 (flex)
	Fault	null
Network audio I/O		null
Zones		null
Configurable settings	ALC (Automatic Gain control)	Yes
	AEC (Acoustic Echo cancellation)	null
	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	
DSP Processor	Others	null
		null
		null
Configuration		Audac Touch™
Controls & indicators	Front panel	null
	Interface ports	null

		null
		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)