



LUCIA® 120/2

- Maximum output power across range of loads 2 x 60 W into 8, 4 or 2 ohms
- Comprehensive DSP features Per channel presets for high-pass filter, parametric EQ, multi-band compressor, and look-ahead limiter
- ► Automatic Dynamic Loudness ContouringTM DSP automati cally adapts to optimize performance at any output level
- Optimized presets Available for specific loudspeaker models¹
- ► Auto Load Sense™ Proprietary auto-set VPL™ (Voltage Peak Limiter) for optimum performance with any connected load
- ► 2 x 2 mix matrix Route input signals internally to either one or both amplifier channels
- Configuration software Windows and Mac software wizard for initial set-up, and advanced editor for preset configuration (LUCIA connection via USB)



- RS232 Remote control and monitoring from third party control solutions
- ► GPIO Remote control (e.g. wall panel) for channel switching, level control and integration with paging systems
- Efficient Class D amplifier Patented design for low distortion and minimal heat dissipation
- Compact form factor Half-rack, 1U chassis and supplied bracket for discreet on-wall mounting (e.g. behind display screens)
- Intelligent fan control Silent operation at idle and at lower output levels
- Fail-safe operation Comprehensive short circuit, thermal, and under-voltage protection
- Universal power supply Operates at 100 240 V AC (50 or 60 Hz)
- ENERGY STAR[®] qualified Conforms to latest specification energy efficiency standards

Great sound, flexibility and ease of use

Lab.gruppen's innovative LUCIA (Localized Utility Compact Intelligent Amplification) brings enhanced audio performance and extraordinary flexibility to a decentralized approach in AV systems design. Power, processing, control and I/O are conveniently placed exactly where they are needed. In many AV applications requiring premium audio, LUCIA offers a logical, cost-efficient and scalable solution that eliminates the complications and added expense of a centralized equipment room for amplification, matrixing and processing. All LUCIA amplifiers incorporate a digital, firmwarecontrolled front end coupled to a robust, durable and highly efficient Lab.gruppen output stage.

Fast installation, reliable operation

LUCIA amplifiers install quickly and easily, with the supplied wall-mount bracket enabling discreet on-wall placement behind video displays. All connections are via Euroblock screw terminals, and level setting is available on front-panel potentiometers. An advanced protection scheme protects the amplifier and connected loudspeakers from potential damage caused by clipping, thermal overload, or extreme low line voltage.

Green credentials

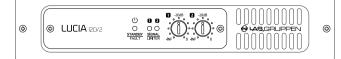
LUCIA amplifiers are ENERGY STAR qualified, making them an ideal choice for installation in projects seeking energy efficient certifications. The amplifiers automatically enter standby mode after a 20 minute period with no signal input, consuming less than 1 watt. Automatic power-up occurs within two seconds after an input signal is sensed.

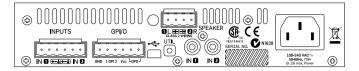
¹ Presets available at launch for selected Tannoy loudspeakers including the industry leading CMS Series in-ceiling systems.

Applications

- Retail outlets
- Bars & restaurants
- Entertainment venues
- Corporate board rooms
- Classrooms
- Multimedia spaces
- Hotel reception/lobbies
- Museums & galleriesSmall corporate event
 - spaces







Specifications LUCIA 120/2

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Output connectors (per ch.) 2-pin detachable screw terminals GPI (power control input) ^a 2 channels of voltage sense type. 4 pins in a detachable screw terminal GPO (power state output) ^a Contact closure type, 2 pins in a detachable screw terminal RS232 Can be controlled and monitored by third parties vins RS232 using both the GPI pins USB For firmware update and configuration for the matrix models Level adjustment (per channel) For the part update and configuration for the matrix models Processing Features Input processing block ⁴ Input processing block ⁴ 4 EQ sections per input Mix matrix routing block ⁴ User adjustable output look ahead limiter ALEC (Adaptive ISO 226 compensation) Latency from any input to any output Latency from any input to any output User adjustable from 9.15 to 137 ms Power Incomentioned automatically with the audio signal Cooling One fan, no filter required, front-to-rear airflow, temperature is below 25 degrees C Diring of fault (2.15) One fan, no filter required, front-to-rear airflow, temperature controlled speed Cooling One fan, no filter required, front-to-rear airflow, temperature controlled speed Cooling One fan, no filter required, front-to-rear airflow, temperature controlled speed <tr< td=""><td></td><td></td></tr<>		
GPI (power control input) ³ 2 channels of voltage sense type. 4 pins in a detachable screw terminal. Default for gain. GPO (power state output) ³ Contact closure type, 2 pins in a detachable screw terminal. RS232 Can be controlled and monitoring of talt/protection/power off RS232 Can be controlled and monitored by third parties via RS232 using both the GPI pins USB Front panel potentiometer, detented from -inf to 0 dB Processing Features Input processing block ⁴ 4 EQ sections per input Mix matrix routing block ⁴ 2 in - 2 out mix-matrix controllable from GPI A EQ sections per output (presets available for many loudspeakers) User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable form 9.15 to 137 ms Power Nominal voltage 85 - 265 VAC Standby consumption <1 W	Input connectors (ch 1 & 2)	Unbalanced RCA type
GPI (power control input) ³ 2 channels of voltage sense type. 4 pins in a detachable screw terminal. Default for gain. GPO (power state output) ³ Contact closure type, 2 pins in a detachable screw terminal. RS232 Can be controlled and monitoring of talt/protection/power off RS232 Can be controlled and monitored by third parties via RS232 using both the GPI pins USB Front panel potentiometer, detented from -inf to 0 dB Processing Features Input processing block ⁴ 4 EQ sections per input Mix matrix routing block ⁴ 2 in - 2 out mix-matrix controllable from GPI A EQ sections per output (presets available for many loudspeakers) User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable output (poresets available for many loudspeakers) Output processing block ⁴ User adjustable form 9.15 to 137 ms Power Nominal voltage 85 - 265 VAC Standby consumption <1 W	Output connectors (per ch.)	2-pin detachable screw terminals
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R5322 Can be controlled and monitored by third parties via R5232 using both the GPI pins USB For firmware update and configuration for the matrix models Processing Features Front panel potentiometer, detented from -inf to 0 dB Processing block ⁴ 4 EQ sections per input Mix matrix routing block ⁴ 4 EQ sections per input Output processing block ⁴ 4 EQ sections per uptut (presets available for many loudspeakers) Output processing block ⁴ 4 EQ sections per uptut (presets available for many loudspeakers) Output processing block ⁴ User adjustable output look ahead limiter ADLC (Adaptive ISO 226 compensation) Latency from any input to any output User adjustable from 9.15 to 137 ms Power Image: Section S	GFO (power state output)	
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ADLC (Adaptive ISO 226 compensation) Latency from any input to any output User adjustable from 9.15 to 137 ms Power Nominal voltage Nominal voltage 100 - 240 VAC Operating voltage 85 - 265 VAC Standby consumption <1 W		
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Latency from any input to any output User adjustable from 9.15 to 137 ms Power Image: Comparison of the system of the		ADLC (Adaptive ISO 226 compensation)
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Nominal voltage 100 - 240 VAC Operating voltage 85 - 265 VAC Standby consumption <1 W	Latency from any input to any output	User adjustable from 9.15 to 137 ms
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Nominal voltage 100 - 240 VAC Operating voltage 85 - 265 VAC Standby consumption <1 W	Power	
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Standby consumption <1 W		
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Cooling One fan, no filter required, front-to-rear airflow, temperature controlled speed Can stay off if the sustained power average stays below 2 x 6 W and the surrounding temperature is below 25 degrees C Dimensions W: 216 mm (8.5"), H: 44 mm (1.7"), D: 280 mm (11") Weight 1.9 kg (4.2 lbs.) Finish Black aluminum front and black steel chassis	Auto mode	The power state is controlled automatically with the audio signal
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Weight 1.9 kg (4.2 lbs.) Finish Black aluminum front and black steel chassis		
Finish Black aluminum front and black steel chassis	Dimensions	W: 216 mm (8.5"), H: 44 mm (1.7"), D: 280 mm (11")
Finish Black aluminum front and black steel chassis	Weight	1.9 kg (4.2 lbs.)
	-	

Note 1): Into 8 ohms and higher
 Note 2): An analog soft limit will be engaged on the input above this level to reduce the clip distortion
 Note 3): Can be configured for different functionality via USB
 Note 4): DSP settings determined by settings downloaded from the Application Browser software; not configurable on the unit itself

All specifications are subject to change without notice.

