

PRELIMINARY

# LS10 AVB SWITCH



LS10 is a plug-and-play Avnu-certified AVB switch that integrates seamlessly within the L-Acoustics ecosystem to further simplify connectivity, uniting audio and control distribution. LS10 runs out of the box AVB, providing a reliable network solution that does not require IT expertise.

The rugged LS10 can be mounted in LA-RAK II distributing audio and control to amplified controllers or other LA-RAK II via front and rear EtherCON™ connectors or SFP cages, enabling long distance optical links. Two units can be coupled side by side on a dedicated 1U rack shelf for effortless redundancy.

LS10 incorporates features designed to overcome the challenges of touring events but also installation applications. The quick, 5-second, startup up time allows for rapid recovery in case of power loss. A configurable GPO port enables status monitoring and the auxiliary DC input offers ultimate reliability.

With LS10, lightning-quick setup of a stable distribution of your AVB signal is assured without the need for extensive IT knowledge or experience.

## SPECIFICATIONS

<b>Mains Ratings</b>	100 V - 240 V AC (± 10%), 50 Hz - 60 Hz
<b>Operating Temperature</b>	-5 °C / 23 °F to 50 °C / 122 °F
<b>Power consumption</b>	10 W (normal operation) 20 W (redundancy operation)
<b>Network connectivity</b>	8 Neutrik EtherCON™ (5 on Front, 3 on Rear) 2 SFP cages (Rear) compliant with SFP transceivers
<b>Power connectivity</b>	1 IEC inlet with lock compatible to Schurter V-Lock™ 1 redundant 24V DC power input 1 redundant 24V DC power output
<b>GPO</b>	1 potential free GPO on Phoenix connector
<b>AVB Ports</b>	10 AVB ports at 1 Gb/s
<b>AVB Bridge</b>	IEEE 802.1BA-2011 standard Augmented by Avnu ProAV 1.1 requirements
<b>Number of supported streams</b>	150
<b>Time to forward AVB streams after power up</b>	5 seconds
<b>Switch features</b>	gPTP grandmaster capable RSTP
<b>Port Sensing</b>	Auto negotiation
<b>Auto Crossover</b>	MDI / MDIX (allows to use straight or cross cables)
<b>Auto Sensing</b>	Full or Half Duplex
<b>Interface</b>	Power status LED, fault status LED link up/activity status LEDs Reset to factory settings button micro USB
<b>Physical data</b>	Height: 1U Width: 9,5" (1/2 U) Weight: 1.5 kg / 2.2 lb

