

PRELIMINARY

LS10 AVB SWITCH



LS10 is a plug-and-play Avnu-certified¹ 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 easily mounted in the LA-RAK II distributing audio and control to amplified controllers or other LA-RAK II via front and rear EtherCON™ connectors or SFP cages (optical) for long distances. Two units can be coupled side by side in a 1U rack space for effortless redundancy.

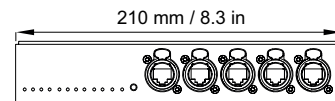
LS10 incorporates features designed to overcome the challenges of touring events but also installation applications. The quick, 5-second, startup up time allows for rapid recovery in case of power loss and the auxiliary DC input provides even greater reliability.

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

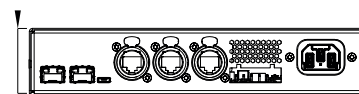
1- LS10 Avnu certification is pending and will be effective at product availability.

SPECIFICATIONS

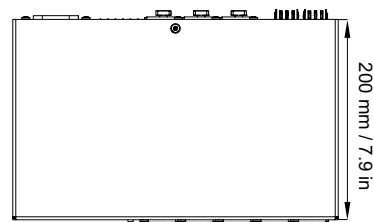
Mains Ratings	100 V - 240 V AC (± 10%), 50 Hz - 60 Hz
Operating Temperature	-5 °C / 23 °F to 50 °C / 122 °F
Power consumption	10 W (normal operation) 20 W (redundancy operation)
Network connectivity	8 Neutrik EtherCON™ (5 on Front, 3 on Rear) 2 SFP cages (Rear) compliant with SFP transceivers
Power connectivity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



Front



Rear



Top