LSS

MasterPort RM 19''

DMX / RDM network nodes and merger for 19 '' rack systems

The LSS MasterPort RM has been developed as a network node and merger for demanding lighting networks. It is fully RDM-capable and acts as an RDM proxy within the network. The DMX and RDM signals are processed separately. This creates a stable, high-quality DMX signal even with simultaneous RDM signal processing. Incorrect signals are therefore excluded.

The LSS MasterPort RM has strong merge capabilities. The device offers twelve universes, which can be set individually or in groups as an incoming or outgoing universe. The user has up to twelve outgoing universes or, thanks to an additional fixed DMX-In, thirteen incoming universes. It is also possible to link each incoming universe to an outgoing universe without a qualitative or quantitative influence on the other universes. The DMX connections can be either XLR or RJ45.

The LSS MasterPort RM supports all common Ethernet protocols. However, it must be noted that when using sACN with more than eight universes, the use of manageable network switches with IGMP snooping is necessary!

The LSS MasterPort RM can be supplied with power either via a 230 V AC mains connection (IEC device connection) or via 48 V DC Power-over-Ethernet. Both types of power supply can also be connected to operational safety. In this case, PoE has priority.

The MasterPort RM is delivered as a 19'' rack system insert with 1 U.

Technical specifications:

DMX-IN/THRU	Optionally	• 1x RJ45 (Neutrik EtherCon®), ESTA-assignment • 1x 5pin XLR
	The input is always electrically isolated by optocouplers.	
DMX/RDM-Ports	Optionally	• 12x RJ45 (Neutrik EtherCon®), ESTA-assignment • 12x 5pin XLR
	Ports can be individually defined as input or output in the configuration. The ports are always electrically isolated by optocouplers.	
Ethernet Anschluss	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 (Neutrik EtherCon®) AutoNegotiation / Auto-MDI/MDIX	

Supported network protocols	• sACN • Art-Net • ShowNet • AVAB/IPX • AVAB/UDP
Setting and configuration	Remote control via LSS ConfigCore; On-Device Reset- and Init-button
Diagnosis	• Network/DMX-monitoring • Operating counter • Status-LEDs for Power, Active/Fail, Traffic and Data-speed

Power supply	Optionally	• 200 to 240 V AC, 50/60 Hz, via IEC 60320-C14 • 48 V DC Power-over-Ethernet (IEEE 802.3af)
	If both power supplies are connected, PoE has priority!	
Power consumption	12W typical	
Operating temperature/humidity	0 °C – 40 °C/ not-condensing Cooling: up to 35 °C passive cooling from 35 °C active, temperature-controlled cooling	
RoHS	Confirm	

Design	19'' rack, 1U
Dimensions (W x H x D)	483 x 45 x 166 mm
Weight	1500 g
Order number	RJ45: 5062 XLR: 5162