

LSS



MasterPort RM 19 inch RDM compatible network node for rack systems

The LSS *MasterPort RM* is a network node for the sophisticated lighting network. It is fully RDM compatible and supports the RDM traffic of all connected devices. RDM allows effective and easy-to-implement hardware diagnostics of connected hardware.

The LSS *MasterPort RM* is equipped with two high performance CPUs, which process DMX and RDM signals separately. This creates a stable, high-quality DMX-signal with simultaneous RDM signal processing. Faulty signals are thus excluded.

The LSS *MasterPort RM* has pronounced merge abilities. In addition to an Ethernet port, the device features a DMX and twelve free configurable DMX ports that can be individually defined as in - or out ports. Thus, up to twelve outgoing or up to thirteen incoming universes are possible. The DMX ports can be designed as RJ45 or 5pin XLR connectors.

In addition to DMX 512, the MasterPort RM supports all popular network protocols such as sACN and ArtNet, AVAB/IPX, AVAB/UDP and ShowNet. The use of sACN with more than eight universes necessarily requires the use of FX Swichtes with IGMP snooping!

The power supply of the LSS *MasterPort RM* can be done either via 230V power supply (IEC receptacle) or via Power-over-Ethernet. Both types of power supply can be connected for operating safety. In this case, Power-over-Ethernet has priority over the power supply.

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Technical specifications:

DMX-IN/THRU	Optionally <ul style="list-style-type: none"> • 1x RJ45 (Neutrik EtherCon®), ESTA-assignment • 1x 5pin XLR <p>The input is always electrically isolated by optocouplers.</p>
DMX/RDM-Ports	Optionally <ul style="list-style-type: none"> • 12x RJ45 (Neutrik EtherCon®), ESTA-assignment • 12x 5pin XLR <p>Ports can be individually defined as input or output in the configuration. The ports are always electrically isolated by optocouplers.</p>
Ethernet Anschluss	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 (Neutrik EtherCon®) AutoNegotiation / Auto-MDI/MDIX
Supported network protocols	<ul style="list-style-type: none"> • sACN • AVAB-IPX • Art-Net • AVAB-UDP • ShowNet
Setting and configuration	Remote control via LSS ConfigCore; On-Device Reset- and Init-button
Diagnosis	<ul style="list-style-type: none"> • Network/DMX-monitoring • Operating counter • Status-LEDs for Power, Active/Fail, Traffic and Data-speed
Power supply	Optionally <ul style="list-style-type: none"> • 200 – 240V AC, 50/60Hz, via IEC 60320-C14 • Power-over-Ethernet <p>If both power supplies are connected, Power-over-Ethernet has priority!</p>
Power consumption	12W typ.
Operating temperature/humidity	0° - 40°C/ not-condensing Cooling: up to 35 ° C passive cooling from 35 ° C active, temperature-controlled cooling
RoHS compliant	Yes
Design	19" rack, 1U
Dimensions	(W x H x D in mm) 483 x 45 x 166
Weight	1500 g
Order number	RJ45: 5062 XLR: 5162