



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 the demanding lighting network. It is fully RDM-capable and supports the RDM traffic of all connected devices. RDM enables effective and easy-to-implement hardware diagnostics of the connected hardware.

The LSS MasterPort RM has two independent computer cores with high performance. Both communicate with each other via a shared main memory. While one core processes the lighting data, network communication and operation including display in the portable version, the other core functions as a DMX output processor and controls the RDM communication on all ports. The separate DMX processor ensures a stable, high-quality DMX signal even with simultaneous RDM signal processing.

In addition to an Ethernet connection, the LSS MasterPort RM has 13 freely configurable DMX connections, which can be defined as either In or Out.

In addition to DMX 512, the LSS MasterPort RM supports all common network protocols such as sACN and ArtNet, as well as AVAB/IPX, AVAB/UDP and ShowNet.

The LSS MasterPort RM can be supplied with power either via a 230 V AC mains connection (IEC device connection) or via 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:

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|---------------------------------------|--|
| 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 |
| Light protocols | Art-Net 4 (ArtisticLicence) AVAB-IPX (AVAB, transtechnik, LDDE, ...) AVAB/UDP (transtechnik) ShowNet (Strand Lighting) sACN (ANSI E1.31) |
| Further network protocols | RDM-Net ANSI E1.33 TFTP, FTP, Telnet, IGMPv2 TCP/IP (FreeBSD network stack) |
| 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 <ul style="list-style-type: none"> • 200 to 240 V AC, 50/60 Hz, via IEC 60320-C14 • 48 V DC Power-over-Ethernet (IEEE 802.3af) <p>If both power supplies are connected, PoE has priority!</p> |
| 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 |