

LSS



MasterPort RM portable Mobile DMX / RDM network node and merger

The LSS MasterPort RM portable is the portable, decentralized version of the LSS MasterPort RM 19". Like the built-in device, the LSS MasterPort RM portable is a DMX/RDM network node and merger. It is fully RDM-capable and acts as an RDM proxy within the network.

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 light data, network communication and operation including display in the portable version, the other core acts 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 portable has 13 freely configurable DMX connections, which can be defined as either In or Out. The DMX connections can be either XLR or RJ45. 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 portable can be powered either via 230 V AC mains connection (Neutrik PowerCon) or via Power-over-Ethernet. For operational reliability, both types of power supply can also be connected. In this case, PoE has priority over the mains supply.

In addition to configuration via the LSS ConfigStudio software, the LSS MasterPort RM portable can be operated via its display with the on-device menu.

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
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	On-device menu system with rotary/push encoder 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 – 240 V AC, 50/60 Hz, via Neutrik powerCon® • 48 V DC Power-over-Ethernet (IEEE 802.3af) <p>If both power supplies are connected, Power-over-Ethernet has priority!</p>
Power consumption	12W typical
Operating temperature/humidity	0 °C – 40 °C/ not-condensing, passive cooling
RoHS	Confirm
Design	Portable device
Dimensions (W x H x D)	273 x 127 x 229 mm
Weight	3,5 kg
Order number	RJ45: 5262 XLR: 5362