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 via 230 V AC mains connection (Neutrik PowerCon).

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	• 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	

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 ConfigStudio
	On-Device Reset- and Init-button
Diagnosis	Network/DMX-monitoring
	Operating counter
	Status-LEDs for Power, Active/Fail, Traffic and Data-speed

Power supply	200 – 240 V AC, 50/60 Hz, via Neutrik powerCon®
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