LSS

MasterGate

The LSS MasterGate is a gateway, converter, and server for data in lighting networks in theater, studio, and event venues. It's the connection between Ethernet, DMX, and Profibus-DP within a data network. The MasterGate can route, merge, or convert data from, in, and within these network protocols. It can not only process the usual protocols of a light network, but also those of the Nexus system by Salzbrenner Stagetec®.

For comprehensive device configuration and monitoring, the MasterGate supports Remote Device Management (RDM). Also, the data streams within the light network can be monitored in real-time and shown on the display. Verify functions can be activated to monitor individual events.

Up to 32 records, e.g. cues or audio files can be stored and retrieved. For cues, individual fade-in and fade-out times and even dimmer values can be set. In conjunction with a digital sub-console and a PLC, the controls for work and blue lighting such as lighting for rehearsals can be set and retrieved in a secondary system.

The LSS MasterGate features eight independent DMX ports that can be defined as inputs or outputs. Two connections are equipped with a DMX-THRU and switchable signal termination. Also, it has Ethernet and Profibus-DP connections as well as a connection for optional DMX filters.

Technical Specifications:

DMX connectors	Optionally • 8x RJ45 + 2x RJ45 DMX-THRU (electric potential isolated) or • 8x XLR + 2x XLR DMX-THRU (5pin, electric potential isolated)
Ethernet	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 Auto negotiation
Profibus-DP	Profibus-DP (EN 50170), 9pin Sub-D, electric potential isolated

Configuration	Local: with turn / push encoder and display Remote: via LSS ConfigCore
Display	Full graphic display 240x128 with white LED backlight and internal temperature compensation
Power supply	100 – 240 V AC one-phase / 50 to 60 Hz / Power input 20 W Connector (IEC-60320 C14)
Power consumption	15 W (typical)
Power loss	15 W

RoHS	Approval
Optional	DMX-Filter (10pin box header)

Design	19'' racks system 2U
Dimensions **(W x H x D)**	483 x 89 x 180 mm
Weight	2000 g
Order number	RJ45: 5501 XLR: 5511