

# LSS



## MasterGate SL

The *MasterGate SL* is a universal converter of various media and communications protocols that are used in lighting technology. It is able to route, to merge and to convert incoming data into other data protocols. The *MasterGate SL* is able to rearrange the data in new universes or subnets of most protocols. Here, the *MasterGate SL* is limited by the technical specifications of the protocols only.

The *MasterGate SL* has various real-time monitor displays. So data streams and data activity in the network can be monitored easily and affected if this is necessary. The *MasterGate SL* actively supports remote management and provides a convenient verification function. Single events are monitored and can be indicated acoustically. Each *MasterGate SL* can be optionally equipped with DMX filters to manipulate an individual DMX circuit or whole circuit groups. Therefore the *MasterGate SL* replaces various test and measurement instruments.

All designs of the *MasterGate* can be used as a server in a lighting network: As storage in a PLC-based control system with a digital auxiliary console and for up to 32 lighting atmospheres. But with the front panel the *MasterGate SL* has a very convenient access to this atmosphere storage. On the panel, all atmospheres can be saved and mixed (direct call or call 1-of-n). All times for fade-in and fade-out plus the dimming times can be set for every atmosphere and saved individually. Of course, all light values and time settings can be changed right on the device. So the *MasterGate SL* has the functionality of a small theatre light system.

The *MasterGate SL* can be used not only as a store of lighting atmospheres. In collaboration with the Salzbrenner Stageteq® the *MasterGate SL* comes with an interface to the Nexus system. So the *MasterGate SL* acts as a gateway between the worlds of light and audio.

## Technical specifications:

<b>DMX Inputs</b>	2x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification / electrical isolation with optocoupler
<b>DMX Outputs</b>	4x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification and 2x DMX-THRU / electrical isolation with optocoupler
<b>Ethernet</b>	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 (Neutrik EtherCon®) AutoNegotiation / Auto-MDI/MDIX
<b>Profibus</b>	PROFIBUS-DP (EN 50170), Sub-D socket 9-polig Electrical isolation with optocoupler
<b>Control</b>	Local: Menu control with rotary-push encoder and menu display Remote: Menu control via software LSS ConfigCore
<b>Display</b>	Full graphic display 240x128 with white LED backlight Internal temperature compensation
<b>Power Supply</b>	100 to 240V AC one-phase / 45 to 63Hz / power consumption 20W Power supply cable (IEC-60320)
<b>RoHS conform</b>	Yes
<b>Optional</b>	DMX-Filter (Sub-D socket 9-polig)
<b>Design</b>	19" Rack Mount 2HE
<b>Dimensions</b>	W x H x D in mm 483 x 88 x 256
<b>Weight</b>	2400g
<b>Order Number</b>	5013