LSS

MasterGate

The *MasterGate* 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* is able to rearrange the data in new universes or subnets of most protocols. Here, the *MasterGate* is limited by the technical specifications of the protocols only.

The *MasterGate* 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* actively supports remote management and provides a convenient verification function. Single events are monitored and can be indicated acoustically. Each *MasterGate* can be optionally equipped with DMX filters to manipulate an individual DMX circuit or whole circuit groups. Therefore the *MasterGate* replace various test and measurement instruments.

As a special feature on other converters, the *MasterGate* can also act as a server in a lighting network. First, it can be used as storage in a PLC-based control system with a digital slave console. On the other hand, it comes with register storage; up to 32 lighting atmospheres can be saved and retrieved as needed. The *MasterGate* is completely free in the choice of the incoming and outgoing data protocols so that provides easy access from any type controller is guaranteed.

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

Technical specifications:

DMX Inputs	Optional 2x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification or 2x XLR 5-pin / electrical isolation with optocoupler
DMX Outputs	Optional 4x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification or 4x XLR 5-pin and 2x DMX-THRU / electrical isolation with optocoupler
Ethernet	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 (Neutrik EtherCon®) AutoNegotiation / Auto-MDI/MDIX
Profibus	PROFIBUS-DP (EN 50170), Sub-D socket 9-polig Electrical isolation with optocoupler
Control	Local: Menu control with rotary-push encoder and menu dis play Remote: Menu control via software LSS ConfigCore
Display	Full graphic display 240x128 with white LED backlight Internal temperature compensation
Power Supply	100 to 240V AC one-phase / 45 to 63Hz / power consumption 20W Power supply cable (IEC-60320)
RoHS conform	Yes
Optional	DMX-Filter (Sub-D socket 9-polig)

Design	19'' Rack Mount 2HE
Dimensions	W x H x D in mm 483 x 88 x 205
Weight	2000g
Order Numbers	RJ-45: 5001 XLR: 5011