

LSS



MasterGate+4

The *MasterGate+4* 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+4* is able to rearrange the data in new universes or subnets of most protocols. Here, the *MasterGate+4* is limited by the technical specifications of the protocols only.

All *MasterGate+4* are equipped with eight merge buffers, but the buffers five to eight were designed as virtual buffers. But the *MasterGate+4* has eight physical merge buffers and four additional DMX outputs. This makes it ideal for use in large networks with high data throughputs.

The *MasterGate+4* 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+4* actively supports remote management and provides a convenient verification function. Single events are monitored and can be indicated acoustically. Each *MasterGate+4* can be optionally equipped with DMX filters to manipulate an individual DMX circuit or whole circuit groups. Therefore the *MasterGate+4* replace various test and measurement instruments.

As a special feature on other converters, the *MasterGate+4* 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+4* can be used not only as a store of lighting atmospheres. In collaboration with the Salzbrenner StageteC® the *MasterGate+4* comes with an interface to the Nexus system. So the *MasterGate+4* act as a gateway between the worlds of light and audio.

Technical specifications:

DMX Inputs	2x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification / electrical isolation with optocoupler
DMX Outputs	8x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification 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 display 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 449 x 205 x 85
Weight	2100g
Order Number	5028