

# LSS



## MasterPort 2 PSU

The *MasterPort 2 PSU* is a node for the demanding lighting network. With it light data can be changed from Ethernet to DMX. It supports up to four DMX universes and in each Universe up to four transmitters can be HTP-merged. The Master Port 2 PSU supports DMX 512 and all common network protocols such as sACN and ArtNet, but also AVAB/IPX, AVAB/UDP, ShowNet and it is ANSI E1.20 2006 RDM-ready.

The highlight of the *MasterPort 2 PSU*: Each Universe can be used either as a data channel or as a data channel with 24V DC power supply. This is particularly interesting when color changers, motor yokes or LED luminaries should be controlled. The *MasterPort 2 PSU* supports a total output current of 20 amps. Each DMX connector is electrically isolated. The *MasterPort 2 PSU* is powered by Power-over-Ethernet or an external power supply (24V DC).

The *MasterPort 2 PSU* is explicitly designed for on-stage using: It is noiseless cooled and therefore totally silent, the display can be switched off and, not least, the *MasterPort 2 PSU* can be completely remote controlled by LSS ConfigCore.

## Construction types

### MasterPort 2 PSU for panel mounting



This type the *MasterPort 2 PSU* is explicitly designed for installation in junction boxes, control panels, multi-function channels and many other panels. The power supply can be provided either by an optional AC adapter or by a central 24V DC on-site power supply.

### MasterPort 2 PSU for LSS dimmer channels



For using the *MasterPort 2 PSU* in combination with *LSS PowerDim* in a dimmer channel, a special construction type was developed. This type can only operate with a central 24V DC on-site power supply.

## MasterPort 2 PSU with case of surface mounting



The type "surface mounting" has been developed for using as a single device for wall mounting. But in other places it can also be applied assumed a central 24V DC on-site power supply is provided. The front side RJ45 connector can be used as an Ethernet port for duplex cable.

## MasterPort 2 PSU Portable



The *MasterPort 2 PSU Portable* is a standalone device with an integrated power supply. The comparatively low weight and good heat dissipation is achieved by milled aluminum housing components. So the *MasterPort 2 PSU Portable* can be operate without a fan, absolutely silent. In addition, the compact design of the Portable allows the using as a mobile device. You only need a power supply of 230V AC / 50-60Hz. Like all other *MasterPorts 2 PSU* the Portable device is controlled via Ethernet.

## Technical specifications:

<b>Construction type</b>	<ul style="list-style-type: none"> <li>Built-in device for panel mounting with central or internal power supplies</li> <li>Built-in device for LSS dimmer channels with central power supply</li> <li>Built-in device with case for surface mount with central power supply</li> <li>Portable with safety bars and internal power supply</li> </ul>
<b>DMX-Outputs</b>	4x 5 pin XLR, opto-isolated 4x 4 pin XLR with Power-DMX
<b>Protocols</b>	- sACN                                      - Art-Net                                      - ShowNet - AVAB-IPX                                      - AVAB/IPX
<b>Controlling</b>	Local:                      Hardware controlled with encoder and menu display Remote:                      Software controlled with ConfigCore
<b>Diagnosis</b>	- Network transmission                      - DMX transmission - Operating state counter                      - LED for Power, Overload, Active/Failed and Data
<b>Display</b>	Blue text-based with 20x4 symbols and white background light
<b>Power supply CPU unit</b>	Built-In:                      48V Power over Ethernet (IEEE 802.3af) or 24V DC Portable:                      230V AC (PowerCon)
<b>Operating temperature</b>	0°-40°C Not condensing
<b>RoHS directive</b>	Confirm
<b>Dimensions (W x D x H)</b>	Built-in device for panel mounting: 130 x 68 x 155mm  Built-in device for LSS dimmer:                      130 x 68 x 150mm  Built-in device with case for surface mount:                      200 x 76 x 155mm  Portable with safety bars:                      215 x 213 x 175mm
<b>Weight</b>	Built-in device for panel mounting: 0,65kg Built-in device for LSS dimmer:                      0,63kg Built-in device with case:                      2,8kg Portable with safety bars:                      4,5kg
<b>Order number</b>	5063                      4x DMX-Out & 4x DMX-DataPower-Out