

# Technical Data

# 3

**Hint:**

grandMA3 xPort Node DIN-Rails are powered by a direct power connection using a terminal block connector, a PoE switch, or a PoE injector.

**Important:**

Only use adequately protected power cables (min.  $\varnothing = 3 \times 1.0 \text{ mm}^2$ ).

The required power cable must meet the country's standards.

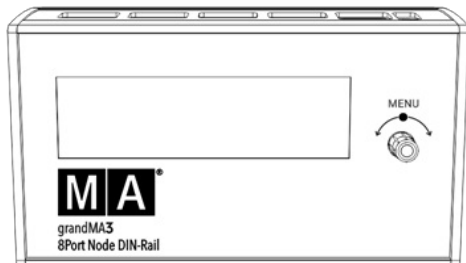
**Only qualified personnel is allowed to perform work on the power cable!**

**Important:**

Use the USB port for updates only. Do not connect any peripheral devices (for example, mouse, keyboard).

Each 3pin DMX512-A Out can be individually configured as DMX In.

- DMX: The maximum length of the cable is 350 m (in ideal conditions).
- Use CAT-5e Ethernet cable or higher. Max. length of the cable 75 m.

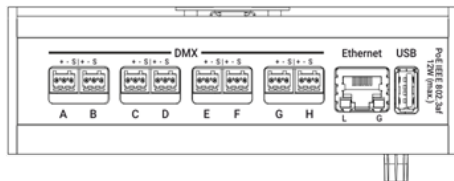


*grandMA3 8Port Node DIN-Rail front panel*

## grandMA3 8Port Node DIN-Rail

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | None                                                     |
| Display                             | 3.9 " TFT color                                          |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |

## Outputs grandMA3 8Port Node DIN-Rail



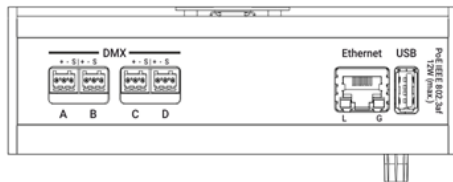
*grandMA3 8Port Node DIN-Rail rear panel*

| Number | Connector                         |
|--------|-----------------------------------|
| 8 x    | 3pin PCB connector (DMX512-A Out) |
| 1 x    | RJ45                              |
| 1 x    | USB 2.0 (type A)                  |

## grandMA3 4Port Node DIN-Rail

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | None                                                     |
| Display                             | 3.9" TFT color                                           |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |

## Outputs grandMA3 4Port Node DIN-Rail



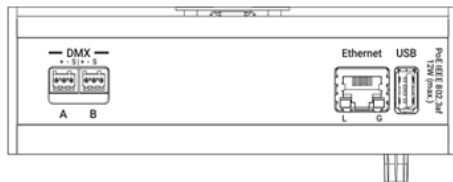
*grandMA3 4Port Node DIN-Rail rear panel*

| Number | Connector                         |
|--------|-----------------------------------|
| 4 x    | 3pin PCB connector (DMX512-A Out) |
| 1 x    | RJ45                              |
| 1 x    | USB 2.0 (type A)                  |

## grandMA3 2Port Node DIN-Rail

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | None                                                     |
| Display                             | 3.9" TFT color                                           |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |

## Outputs grandMA3 2Port Node DIN-Rail



*grandMA3 2Port Node DIN-Rail rear panel*

| Number | Connector                         |
|--------|-----------------------------------|
| 2 x    | 3pin PCB connector (DMX512-A Out) |
| 1 x    | RJ45                              |
| 1 x    | USB 2.0 (type A)                  |

## grandMA3 onPC 8Port Node DIN-Rail 4k

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | 4 096 (HTP/LTP)                                          |
| Parameters Mode2                    | 2 048 (HTP/LTP)                                          |
| Display                             | 3.9 " TFT color                                          |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |

## grandMA3 onPC 4Port Node DIN-Rail 4k

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | 4 096 (HTP/LTP)                                          |
| Parameters Mode2                    | 2 048 (HTP/LTP)                                          |
| Display                             | 3.9 " TFT color                                          |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |

## grandMA3 onPC 2Port Node DIN-Rail 2k

| Technical Data                      |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Parameters                          | 4 096 (HTP/LTP)                                          |
| Parameters Mode2                    | 1 024 (HTP/LTP)                                          |
| Display                             | 3.9 " TFT color                                          |
| Operating voltage (electrical grid) | 100-240 V AC, 50/60 Hz                                   |
| Operating voltage (PoE)             | IEEE 802.3af<br>48 V DC/max. 12 W                        |
| Net weight                          | 1 kg / 3 lbs                                             |
| Power                               | max. 15 VA                                               |
| Dimensions                          | 150 x 50 x 90 mm / 6 x 2 x 4 in (width x depth x height) |