



# MA 4Port Node

Art.No. 130211



With the increasing requirements of clients and designers in both fixed installations and events/concerts, the need for sophisticated solutions for signal transportation and data distribution is inevitable. Also, latest technical developments and requirements have to be met.

The MA 8Port Node, MA 4Port Node, MA 4Port Node WM (Wall Mount), MA 2Port Node, MA 2Port Node WM (Wall Mount) set an additional benchmark in MA Lighting's networking product range as they feature the 1Gbit/s bandwidth capability. They allow the conversion of Ethernet data into DMX or vice versa and fit perfectly into the grandMA2 system and its MA-Net2 protocol, which is based on this high speed to ensure maximum performance. Optimised for touring and installation purposes, all products have a rugged steel housing for a long life even under harsh conditions. The Nodes offer a menu button, a USB connector and a 2" colour TFT as well as LEDs displaying the current status. All of these ensure a comfortable operation. The MA xPort Nodes are fully configurable from the grandMA2 consoles or from grandMA2 onPC. To achieve the highest flexibility, each DMX port can be individually configured as DMX in or DMX out.

Furthermore all MA xPort Nodes are available as an onPC version to provide parameters for standalone onPC stations (for more details see: MA onPC solutions).

The MA 4Port Node is the perfect solution for converting a mid-sized amount of DMX universes at the same location. The MA 4Port Node is available in different fittings for adapting to multiple applications. First there is the basic version based on a 9"/1HU housing, where all connectors are located on the back. Additionally an add-on fitting is available to mount this basic version into a 19" rack. Second a special fitting can be used where all connectors on the back of the MA 4Port Node are mirrored on an additional front panel for an easier access when rack-mounted. Third possibility is to combine two MA 4Port Nodes for rack use by adding rack mounting brackets and a special threaded fastener between the two single MA 4Port Node units. Fourth option is the additionally available rigging plate for mounting couplers or clamps on the MA 4Port Node. The four DMX outputs as well as the main switch, one powerCON and one etherCON connector are located at the rear side of the node.



## Features

- Speaks MA-Net2, Art-Net and sACN via 1Gbit/s connection
- Fully configurable from a grandMA2 console/grandMA2 onPC
- 2" colour TFT display
- Rugged steel housing for flexible use or mobile applications
- Fittings for MA 2Port Node and MA 4Port Node available (see accessories)
- Also available as onPC version to unlock output parameters (see MA onPC solutions)

## Technical Specifications

|                                          |                                                             |
|------------------------------------------|-------------------------------------------------------------|
| <b>Operating voltage/ Supply voltage</b> | 100V-240V, 50/60Hz                                          |
| <b>Net weight</b>                        | 1.3kg / 2.9lbs                                              |
| <b>Power</b>                             | 20VA                                                        |
| <b>Dimensions</b>                        | 207 x 43 x 184mm / 8.2 x 1.7 x 7.3inch                      |
| <b>Output connectors</b>                 | 4 x XLR 5pin (DMX)<br>1 x CTRL (future use)<br>1 x etherCON |
| <b>Input connectors</b>                  | 1 x powerCON                                                |

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## Accessories

| Art.No. | Article                                                                                                               |
|---------|-----------------------------------------------------------------------------------------------------------------------|
| 130281  | MA 2Port Node / 4Port Node 19" rack mounting kit – blank panel                                                        |
| 130282  | MA 4Port Node 19" rack mounting kit – XLR connectors                                                                  |
| 130283  | MA 2Port Node / 4Port Node 19" rack mounting kit – 2 Nodes                                                            |
| 130284  | MA 2Port / 4Port / 8Port Node rigging plate                                                                           |
| 210629  | Adapter cable set for MA 4Port Node, 4x cable DMX/XLR5 (length 0.5m), 1x cable RJ45, 1x built-in socket etherCON/RJ45 |
| 210627  | Adapter cable for 2Port / 4Port Node, 4x cable DMX/XLR5 (length 0.5m)                                                 |
| 210628  | Adapter cable for 2Port Node / 4 Port Node, 1x cable RJ45, 1x built-in socket etherCON/RJ45                           |