

# MA NPU (Network Processing Unit)



- Real-time calculation for up to 65,536 parameters with a grandMA2 system (up to 256 DMX universes)
- 4,096 HTP/LTP parameters
- 8 DMX out (XLR 5pin)
- 1 internal command touchscreen (7")
- 1 powerCON in and out
- 1 etherCON connector
- 4 USB 2.0 connectors

The MA NPU (Network Processing Unit) unites the calculation power in the network and offers the same performance as the grandMA2 consoles. The MA NPU offers and handles 4,096 parameters.

With an easy to read touchscreen the MA NPU allows intuitive use and easy access to all the important information. 8 x DMX XLR 5-pin connectors on the rear side of the MA NPU allow a most flexible use within the network environment.

The MA NPU is the link between Ethernet and DMX controlled devices. The MA NPU adds processing power and parameters to the MA system. For decentralized DMX networks, the MA NPU converts incoming Ethernet data into DMX data. The converted data are transmitted via 8 independent DMX connectors, which can be configured as DMX inputs or outputs.

Within a network, several grandMA2 consoles share the available MA NPU devices. For parameter expansion the MA NPU shall be located in a centralized position, whereas MA xPort Nodes are used to distribute and output DMX data. This allows DMX devices being used by several consoles together, and it provides a redundant mode of operation without additional components such as DMX mergers.

## Technical specifications

Power	150VA
Input connectors	1x powerCON
Dimensions	485 x 332 x 126mm / 19 x 13 x 5inch
Operating voltage/ Supply voltage	120V/230V, 50/60Hz (automatic detection)
Net weight	9kg / 19.9lbs
Output connectors	8 x XLR 5pin (DMX), 1 x USB, 1 x etherCON

## Article

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