



# MA onPC solutions

English



## Just wing it!



MA onPC command wing



MA onPC fader wing



MA 8Port Node onPC + MA 4Port Node onPC



onPC

Tools

Setup





# The world of MA's onPC solutions

With the MA onPC command wing and the MA onPC fader wing MA presents sophisticated and flexible solutions for mobile use or to enter the MA world. The MA onPC command wing and the MA onPC fader wing offer in combination with the grandMA2 onPC software and your PC a mobile control that can be easily transported and be used in nearly any location. MA 4Port Node onPC, MA 8Port Node onPC and further variants complete this mobile control by providing additional parameters and DMX ports and giving it even more ease of use, power and possibilities.

All joined together these components will offer you MA's famous control solution for your daily life on the road, for smaller theatres, shows and clubs or for preprogramming. Get access to up to 4,096 parameters, DMX ports, Midi, Timecode, Analogue Remote ports and a comfortable command and fader section similar to the grandMA2 consoles. Work with MA's renown grandMA2 software and benefit from all its features as well as updates offered on a regular basis and rely on the rock-solid construction of the MA hardware.

If you are already familiar with the MA system you'll love the new possibilities! If you are a newcomer these products will offer you the perfect way to your first MA! Just combine our MA onPC solutions the way they suit you the best.



# MA onPC command wing

- Real-time control for 2,048 parameters in combination with grandMA2 onPC (up to 65,536 parameters as backup in the MA system)
- Expandable up to 4,096 parameters
- Command section similar to grandMA2 layout
- 2 A/B faders (100mm)
- 1 Level-Wheel
- Individually backlit and dimmable silent (clickless) keys
- Integrated universal power supply (90–240V, 50–60Hz)
- Light (just 6kg), handy & rock solid
- Ergonomic design
- Just connect via USB to any PC running grandMA2 onPC



The MA onPC command wing paves the way for mobile use of the highly flexible and powerful grandMA2 control system. In combination with the free of charge grandMA2 onPC software, the MA onPC command wing is a portable 2,048 parameter control solution that can be used in nearly any location – and all for an affordable price. It offers two built-in DMX ports as well as the possibility to send two additional DMX universes via Ethernet.

Designed as the perfect hardware expansion to the grandMA2 onPC software, the MA onPC command wing enables the look and feel of the software to be as close to a real grandMA2 console as possible. Thanks to the MA onPC command wing – incorporating the command section of the grandMA2 consoles – it has never been easier to use the grandMA2 onPC software. With a simple USB connection between the MA onPC command wing and the computer running the grandMA2 onPC software, all inputs and outputs of a grandMA2 console are available to the user. DMX, Midi, Timecode and Analogue Remote are all on hand directly at the MA onPC command wing.

Wherever it is physically difficult to use a grandMA2 console, the MA onPC command wing, in conjunction with the grandMA2 onPC software, enables the customer to program or playback within the grandMA2 world. Therefore the MA onPC command wing is ideal to be used as a backup solution within the grandMA2 system, as powerful control solution on the road, for smaller theatres, shows and clubs or for preprogramming.

It is also possible to add more faders by connecting the MA onPC fader wing to the MA onPC command wing. Moreover the MA onPC fader wing provides additional 2,048 parameters and four DMX lines. The MA 4Port Node onPC and MA 8Port Node onPC will add 2,048 parameters as well and four or eight DMX lines respectively.

There are even more options to expand your parameter count – *please see page 9.*

*MA onPC wing bag – suitable for MA onPC command wing and MA onPC fader wing*

## Specifications

18 fader executor buttons  
 6 fader executors (60mm)  
 6 button executors  
 6 page buttons (Channel / Fader / Button)  
 4 encoders  
 2 A/B faders (100mm); main executor  
 Level-wheel – dimmer  
 Grand Master fader (60mm)  
 Blackout button  
 Main executor area (GO+ / GO- / PAUSE)  
 Built-in PSU; 90–240V (50–60Hz)  
 Temperature range +5°C – +40°C

## Connectivity

2 DMX out & 1 DMX in (XLR 5pin)  
 Midi in/out (Midi-Timecode / Midi-Note)  
 Timecode (XLR 3pin)  
 Analogue remote input  
 USB 2.0 port  
 Slot for Kensington Lock

## Art. No

120120 MA onPC command wing  
 120134 MA onPC wing bag  
 121045 MA case for onPC command wing

Art. No	Dimensions (w x h x d)	weight (kg)
120120	546 x 395 x 70mm, 21,5 x 15,6 x 2,8inch	6

Scope of delivery:  
 Dust cover, USB cable 2m, Power cable

## Unique features



- 6 fader executors (60mm) + 18 fader executor buttons
- Mastersection with 2 A/B faders (100mm); main executor
- Ergonomic arm rest
- Command section similar to grandMA2 layout
- 6 button executors
- All buttons backlit



- 2,048 parameters – up to 4,096 parameters possible
- 2 DMX out & 1 DMX in (XLR 5pin)
- Midi in/out (Midi-Timecode/Midi-Note)
- Analogue remote input
- XLR 3pin for LTC (Linear Timecode)
- Slot for Kensington Lock
- USB 2.0 port
- Integrated universal power supply

# MA onPC fader wing

- Real-time control for 2,048 parameters in combination with grandMA2 onPC (up to 65,536 parameters as backup in the MA system)
- Expandable up to 4,096 parameters
- 4 DMX out (XLR 5pin)
- Fader/executor section similar to grandMA2 layout
- 15 fader executors, 45 fader executor buttons, 15 button executors
- Individually backlit and dimmable silent (clickless) keys
- USB port for external desk lamp
- Integrated universal power supply (90–240V, 50–60Hz)
- Light (just 4.5kg), handy & rock solid
- Ergonomic design
- Just connect via USB to any PC running grandMA2 onPC

With the MA onPC fader wing, MA Lighting meets the requests for a mobile control solution that supplies real faders and executors in connection with the free-of-charge grandMA2 onPC software.

Furthermore the MA onPC fader wing offers 2,048 parameters in conjunction with the grandMA2 onPC software that can be sent via its four built-in DMX-ports and from your PC via Ethernet. To connect the MA onPC fader wing with the computer running the grandMA2 onPC software you just need a USB cable.

Additionally, the MA onPC fader wing is designed to perfectly extend the MA onPC command wing and get the maximum out of the grandMA2 onPC software. To save USB connections the MA onPC fader wing daisy-chains the USB for the MA onPC command wing.

Whilst the MA onPC command wing is based on the command section of a grandMA2 console, the MA onPC fader wing resembles its fader section. In combination, the MA onPC fader wing and MA onPC command wing enable the look and feel of the grandMA2 onPC software to be as close to a real grandMA2 console as possible – and all this for a reasonable price!

Furthermore the MA onPC fader wing offers clever details like a slot for a Kensington lock and a USB port to connect an external desk lamp. Thanks to these details and the ergonomic design working with the MA onPC fader wing on a daily basis becomes a breeze.

The MA onPC fader wing comes with the option to expand the parameter count up to 4,096 parameters. Therefore MA offers a wide range of possibilities for all applications. The MA 4Port Node onPC and MA 8Port Node onPC for example will add 2,048 parameters and four or eight DMX lines respectively.



Please see page 9 for more information about parameter expansion.

MA onPC wing bag – Robust material, fully upholstered

## Specifications

15 fader executors (60mm)

45 fader executor buttons

15 button executors

Built-in PSU; 90–240V (50–60Hz)

Temperature range +5°C – +40°C

## Connectivity

4 DMX out (XLR 5pin)

2 USB 2.0 ports (1 to PC, 1 to MA onPC command wing)

1 USB port, power only, to connect USB desk lamp; 100mA/0.5W

Slot for Kensington Lock

## Art. No

120125 MA onPC fader wing

120134 MA onPC wing bag

## Art. No Dimensions (w x h x d)

120125 365 x 395 x 70mm, 14,4 x 15,6 x 2,8inch

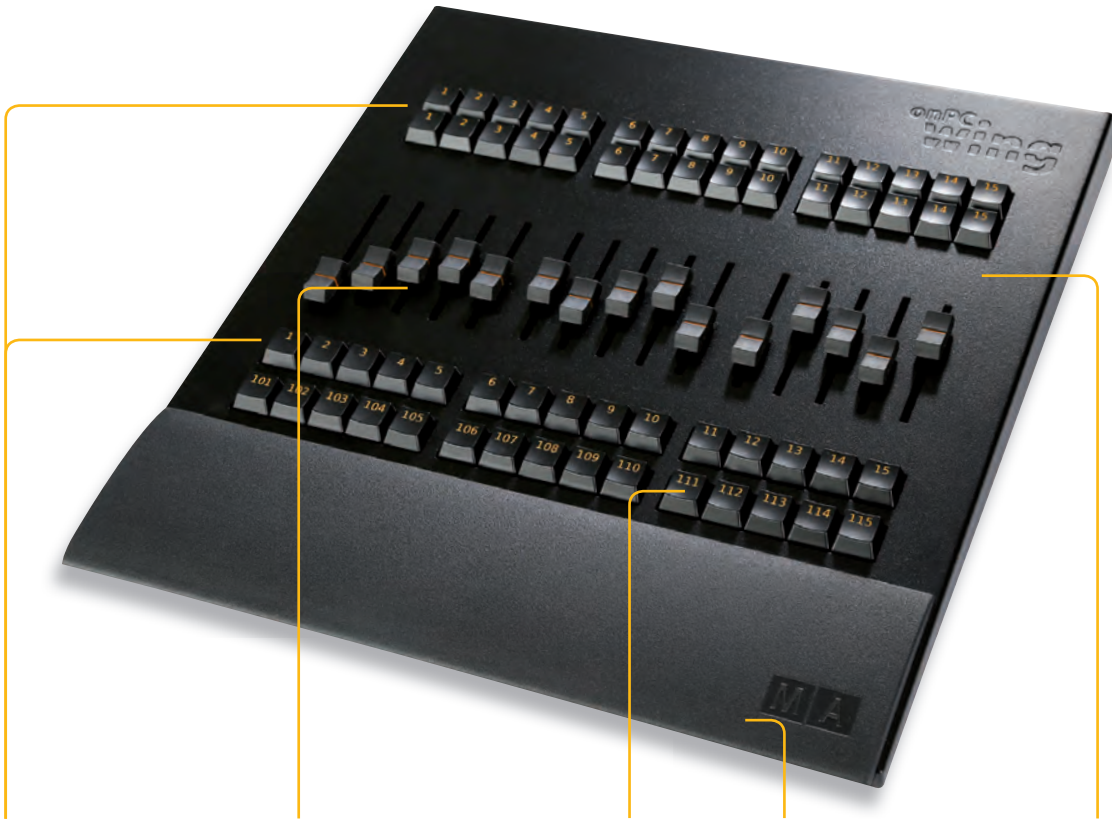
## weight (kg)

4,5

Scope of delivery:

Dust cover, USB cable 2m, Power cable

## Unique features



- 45 fader executor buttons
- 15 fader executor (60mm)
- 15 button executor
- Ergonomic arm rest
- Fader section similar to grandMA2
- All buttons backlit



- 2,048 parameters – up to 4,096 parameters possible
- 4 DMX out (XLR 5pin)
- Slot for Kensington Lock
- 2 USB 2.0 ports (1 to PC, 1 to MA onPC command wing)
- 1 USB port, power only, to connect USB desk lamp; 100mA/0.5W
- Integrated universal power supply



# MA 8Port Node onPC + MA 4Port Node onPC

- Special MA "onPC" versions available:
  - Powerful show controller for smaller applications
  - Handy backup solution
  - 2,048 parameters (MA 8Port Node onPC and MA 4Port Node onPC)
  - MA 8Port Node: 8 DMX ports, MA 4Port Node: 4 DMX ports
  - Can be combined with MA onPC command wing and MA onPC fader wing for parameter expansion
- Fully configurable from a grandMA2 console/grandMA2 onPC
- Integrated PSU



MA 8Port Node onPC and MA 4Port Node onPC can be used in combination with the free-of-charge grandMA2 onPC software running on a computer to provide 2,048 parameters. Using this set up, the MA 8Port Node onPC and the MA 4Port Node onPC turn your computer into a powerful show controller and also a handy backup solution. Furthermore MA's onPC Nodes can be combined with the MA onPC command wing and MA onPC fader wing for parameter expansion.

Optimised for touring and installations purposes, both have a rugged steel housing for a long life even under harsh conditions. The front panel offers 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 mains switch is located on the back, along with the powerCon and Ethercon connectors, as well as the eight (MA 8Port Node) and four (MA 4Port Node) DMX ports.

The MA 8Port Node onPC and MA 4Port Node onPC are fully configurable via the grandMA2 onPC software. To achieve the highest flexibility, each DMX port can be individually configured as DMX-in or DMX-out. Additionally the MA 4Port Node onPC is available in different fittings for adapting to multiple applications like rack or rig use.

Art. No
130211 MA 4Port Node
130212 MA 4Port Node onPC
130213 MA 8Port Node
130214 MA 8Port Node onPC



# MA 2Port Node onPC PRO + onPC

- Rig-mounted box version for flexible use in trusses or mobile applications
- MA 2Port Node onPC/PRO in conjunction with grandMA2 onPC:
  - Powerful show controller for smaller applications
  - Handy backup solution for reduced budgets
  - 1,024 parameters (MA 2Port Node onPC PRO) or 512 parameters (MA 2Port Node onPC)
  - DMX-in for fader wings or merging of DMX signals
  - Can be combined with MA onPC command wing and MA onPC fader wing for parameter expansion



The MA 2Port Node onPC allows the conversion of Ethernet data into DMX data and vice versa. If used with grandMA2 onPC, the MA 2Port Node onPC outputs also 512 parameters of DMX (1,024 parameters as MA 2Port Node onPC PRO) and becomes a powerful show controller for smaller applications. Also a handy backup solution for reduced budgets is possible.

The MA 2Port Node onPC has an integrated power supply, but there is also a possibility to use power over Ethernet. Furthermore couplers and safety wires can be easily attached.

Furthermore MA 2Port Node onPC and MA 2Port Node onPC PRO can be combined with the MA onPC command wing and MA onPC fader wing for parameter expansion.

## Art. No

130172 MA 2Port Node onPC PRO, 1,024 parameters

130192 MA 2Port Node onPC, 512 parameters

## Note

### Parameter Count

MA Lighting offers a bunch of possibilities to expand your parameter count for grandMA2 onPC. All products in the "MA onPC" range are capable of adding parameters. It depends on you, which products you would like to combine and how many parameters you need. There are just two simple rules that need to be followed:

First rule: The maximum parameter count with grandMA2 onPC is 4,096 parameters.

Second rule: In any combination MA 8Port Nodes onPC, MA 4Port Node onPC, MA 2Port Node onPC/PRO as well as MA onPC command wing and MA onPC fader wing will add parameters up to this maximum.

*For example: grandMA2 onPC + MA onPC command wing (2,048 parameters) + MA 2Port Node onPC (512 parameters) + MA 2Port Node onPC PRO (1,024 parameters) = 3,584 parameters*

# grandMA2 onPC

MA's comprehensive and powerful software tool

grandMA2 onPC  
is available  
free of charge

- Incorporates all the functions of the grandMA2 consoles
- Suitable as live show controller or backup system in connection with the MA onPC command wing and MA onPC fader wing
- Communicates with grandMA2 consoles via MA-Net2 over Ethernet
- grandMA2 onPC runs on Windows PCs and notebooks according to our specifications  
(Please check: [www.malighting.com](http://www.malighting.com))



The grandMA2 onPC software incorporates all functions of a grandMA2 console and offers you the full potential of grandMA2 on your notebook or PC. You can use grandMA2 onPC for running, programming or offline pre-programming, as well as a smart backup solution within the grandMA2 system.

With the MA onPC command wing and MA onPC fader wing MA Lighting has developed a sophisticated hardware extension perfectly suited for the grandMA2 onPC software.

If you would like to use it as a lighting controller, just connect an MA onPC command wing or MA onPC fader wing to your notebook or PC to run the show via this hardware. Alternatively you can connect an MA 4Port Node onPC, MA 8Port Node onPC, MA 2Port Node onPC or MA 2Port Node onPC PRO to your notebook or PC to be able to output DMX data.

Pre-programming is also easy with grandMA2 onPC. You can work on your notebook or PC anywhere then copy your showfile to any grandMA2 console. To apply the backup function, just integrate your grandMA2 onPC into your grandMA2 show session. If your main console should fail, grandMA2 onPC will take over seamlessly and you can still run your show. Additionally grandMA2 onPC is extendable to a complete design studio for free by connecting it to the sophisticated real-time visualisation software grandMA 3D.

grandMA2 onPC communicates with grandMA2 consoles via MA-Net2 over Ethernet which allows it to be used as a user-friendly designer remote control for all grandMA2 consoles.

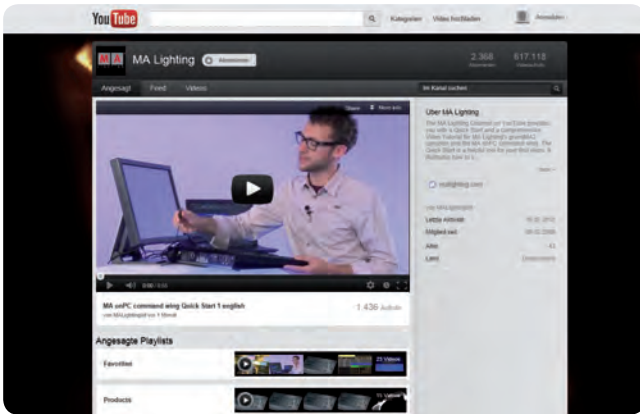
The grandMA2 onPC software is as flexible as the grandMA2 console software – in fact it is the same software but with some additional useful features that mirror the grandMA2 console hardware. This means that you can choose each section of the console in the software via a simple button-press and then start working the same way as you would do when sitting in front of a grandMA2 console.

With its flexible screen arrangements and multiple views plus functions like shortcuts via any keyboard, the grandMA2 onPC software has a flexible layout for any show-situation. Nearly any functionality can be displayed, modified or used as it occurs in the "real" hardware.



# Become more experienced

Tutorials and trainings



If you would like to learn more about our MA onPC command wing and its possibilities we recommend to watch the video tutorials at: [www.youtube.com/user/MALightingInt](http://www.youtube.com/user/MALightingInt)

There are different tutorials for the MA onPC command wing giving you a perfect quick start into its setup, patching + presets, effects etc.



To make you even more comfortable with the MA onPC command wing we also offer special MA onPC command wing trainings.

More information about these trainings and training locations can be found here: [www.malighting.com/en/wing-training](http://www.malighting.com/en/wing-training)

## MA online tip: Wing website special



Do you already know our MA onPC wing website special? [www.malighting.com/en/wing-special](http://www.malighting.com/en/wing-special)



### Stay in touch with MA

 [www.youtube.com/user/MALightingInt](http://www.youtube.com/user/MALightingInt)

 [twitter.com/MALighting](https://twitter.com/MALighting)

 [www.facebook.com/MALightingInt](https://www.facebook.com/MALightingInt)

As you can see there is a whole bunch of new possibilities to work with MA products. These will help existing MA users to get even more flexibility for their projects and simultaneously offer the perfect entry solutions for newcomers to become a member of the huge MA family.

You are most welcome!

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MA Lighting International GmbH  
An der Talle 24 - 28  
33102 Paderborn / Germany  
Phone: +49 5251 688865 -10  
Fax: +49 5251 688865 -88  
info@malighting.com  
<http://www.malighting.com>

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MA Lighting Latin America · Rua Margarida 350. Barra Funda · 01154-030 · São Paulo · Brazil · Phone: +55 11 2359 0470 · [infoLATINOAMERICA@malighting.com](mailto:infoLATINOAMERICA@malighting.com)

MA Lighting Middle East / India · P.O. Box 6491 · Dubai, UAE · Phone: +971-50 55 26 27 8 · [infoARABIA@malighting.com](mailto:infoARABIA@malighting.com)

MA Lighting Asia Pacific Pte Ltd. · 195 Pearl's Hill Terrace #01-18 · Singapore 168976 · Phone: +65-6513-1897 · [infoASIA@malighting.com](mailto:infoASIA@malighting.com)

MA Lighting Eastern Europe, Russia, Scandinavia · Vanha Talvitie 11 C, 4th floor · 00580 Helsinki · Finland · Phone: +358-400376792 · [infoEE@malighting.com](mailto:infoEE@malighting.com)