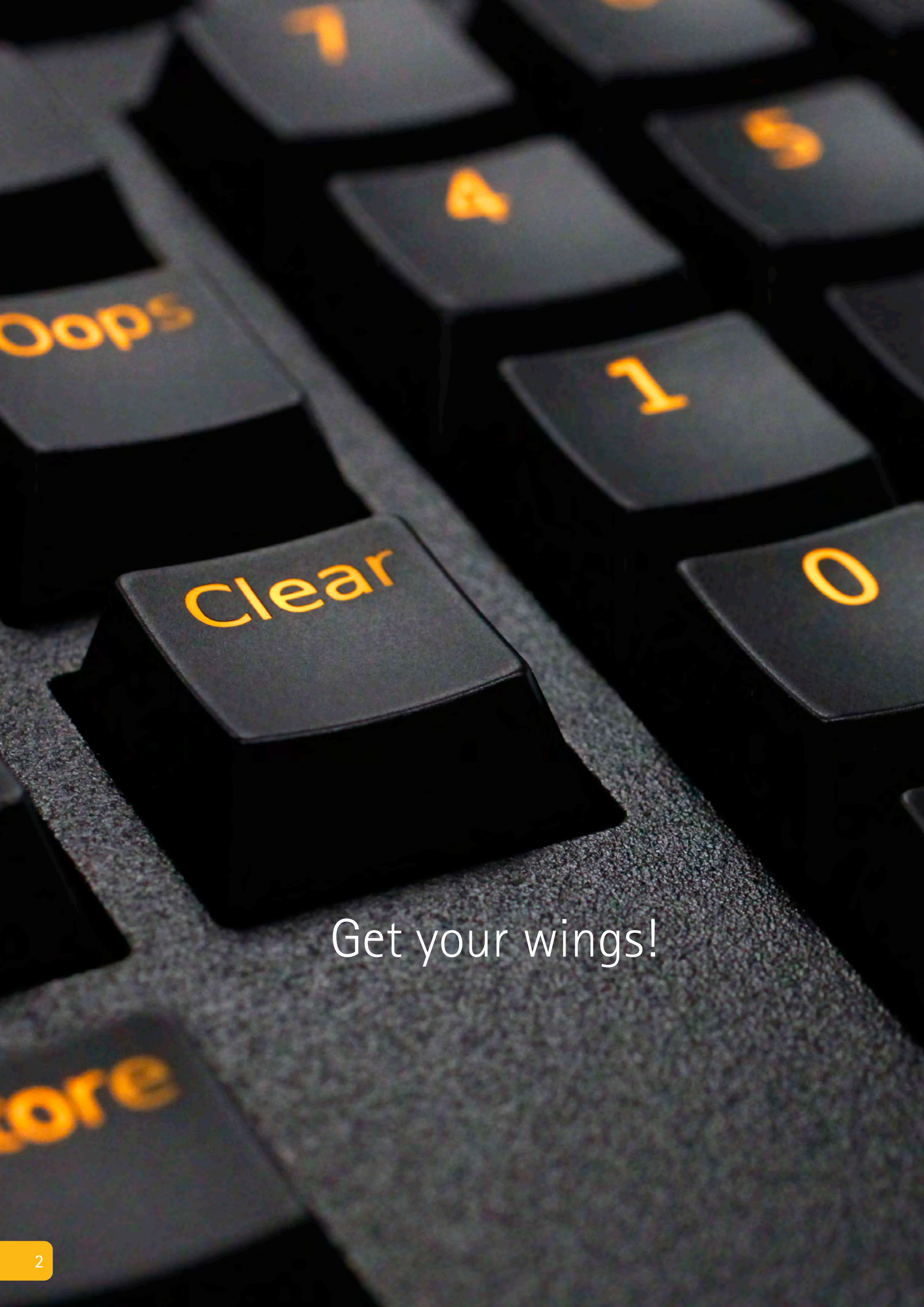
MA onPC command wing



Get your wings!

With the MA onPC command wing MA Lighting has again paid attention to the constantly growing needs of the market and introduces a highly flexible and mobile solution that offers all the benefits of the MA Lighting system.

The MA onPC command wing has the same look and feel as the grandMA2 consoles and it is fully compatible with the whole grandMA2 system. Designed as an addition to the grandMA2 onPC software it enables the customer to work nearly as fast with his computer and the grandMA2 onPC software as he could work on a real grandMA2 console.

Due to its compact size the MA onPC command wing is perfect for travelling even as hand luggage on a plane. However the MA onPC command wing is not only designed for tours. It is also ideal for smaller shows and clubs, for programming in a theatre auditorium as well as for pre-programming. It's also the perfect choice for any MA enthusiast to enter the world of MA Lighting.

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)**
- **Command section similar to grandMA2 layout**
- **2 A/B faders (100mm); main executor**
- **Level-Wheel – dimmer**
- **Individually backlit and dimmable silent (clickless) keys**
- **Light, handy and rock solid, only 6kg**
- **Plug & Play: simply connect to your notebook**
- **Integrated universal power supply**
- **Ergonomic design**

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.

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 or for smaller theatres, shows and clubs or for pre-programming.

Just connect via USB to any notebook or PC running grandMA2 onPC

Specifications
Real-time control for 2,048 parameters in combination with grandMA2 onPC (up to 65,536 parameters as backup in the MA system)
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)
PSU built in; 90–230V (50–60Hz)
Temperature range 5°–40° (rel. humidity non condensing)

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	Dimensions (w x h x d)	weight (kg)
120120	546 x 395 x 70 mm, 21,5 x 15,6 x 2,8 inch	6

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

Unique features

- 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

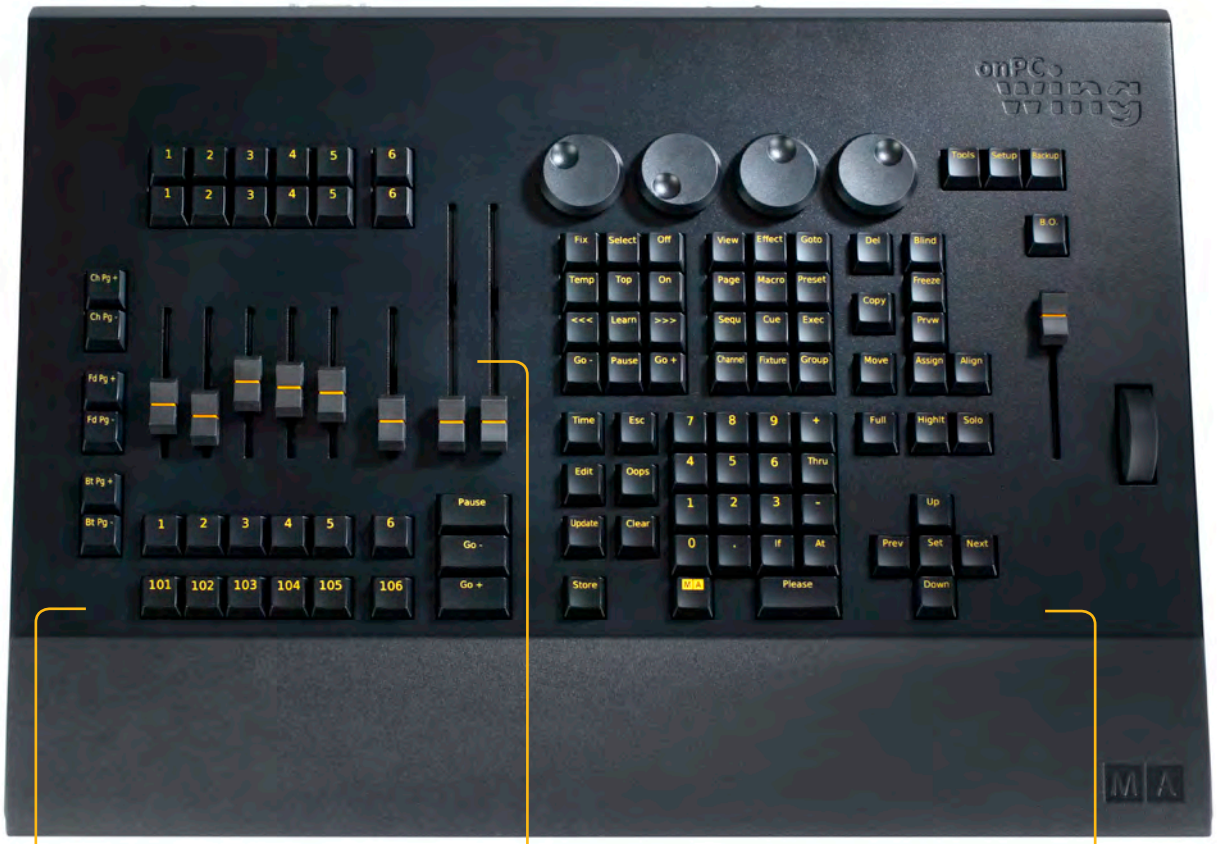
- Plug and Play: Just connect via USB to any PC or notebook running grandMA2 onPC

- Ergonomic design: Optimised work angle for fast and easy programming
- Look and feel as known from the grandMA2 consoles

- Individually backlit and dimmable silent (clickless) keys

6kg

- Light, handy & rock solid: just 6kg to easily carry away



MA onPC command wing

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

Parameter Count & DMX Output

grandMA2 onPC

MA onPC command wing

= 2,048 parameters

If you are in need of a compact, powerful control solution for an affordable price there is no way around the MA onPC command wing. In combination with the grandMA2 onPC software it offers 2,048 control parameters of DMX already. But if that's not enough you can even expand your parameter count.

On these pages you can see some possible combinations and how many control parameters you'll get out of them. There are two simple rules to observe.

- First, an MA 2Port Node onPC only counts once and only the one with the most parameters is added. If you add a second MA 2Port Node onPC you won't get more parameters, yet additional DMX connectors.
- Second, the maximum parameter count with grandMA2 onPC is 4,096 parameters.

Imagine the possibilities – now you can use a sophisticated and truly powerful lighting control solution anywhere you like and with all the performance you might desire.

Could you think of a more flexible and convenient way to program and run your show?

+

= 2,560 parameters

MA onPC command wing *grandMA2 onPC* *MA 2Port Node onPC**

2,048 parameters 512 parameters

+

= 3,072 parameters

MA onPC command wing *grandMA2 onPC* *MA 2Port Node onPC PRO**

2,048 parameters 1,024 parameters

+

= 3,072 parameters

Further MA 2Port Node onPC just add additional DMX connections!

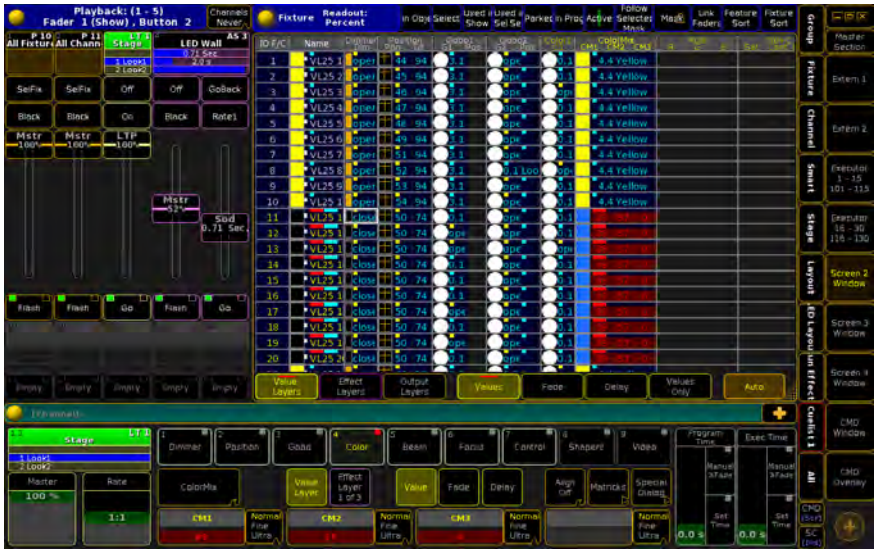
MA onPC command wing *grandMA2 onPC* *MA 2Port Node onPC PRO**

2,048 parameters 1,024 parameters

*For more informations on MA 2Port Node onPC and MA 2Port Node onPC PRO please refer to our website: www.malighting.com

grandMA2 onPC

- MA's comprehensive and powerful software-tool for all standard computers
- Incorporates all functions of the grandMA2 consoles
- Suitable as live show controller or backup system in connection with the MA onPC command wing
- Communicates with grandMA2 consoles via MA-Net2 over Ethernet
- Serves as a user-friendly designer remote control for all grandMA2 consoles
- Expandable to a complete design studio by connecting to the free grandMA 3D software



The grandMA2 onPC software incorporates all functions of a grandMA2 console and offers you its full potential 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.

If you would like to use it as a lighting control, just connect an MA onPC command wing to your notebook or PC to run the show via this hardware. Alternatively you can connect an MA NPU (Network Processing Unit), MA NSP (Network Signal Processor) 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 solution into your grandMA2 show session. If your main console should fail, grandMA onPC will take over seamlessly and you can still run your show.

Additionaly 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.

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

Keyboard Short Cuts

Groups, Presets and Playpack

Keyboard Short Cuts menu

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. Means you can chose 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.

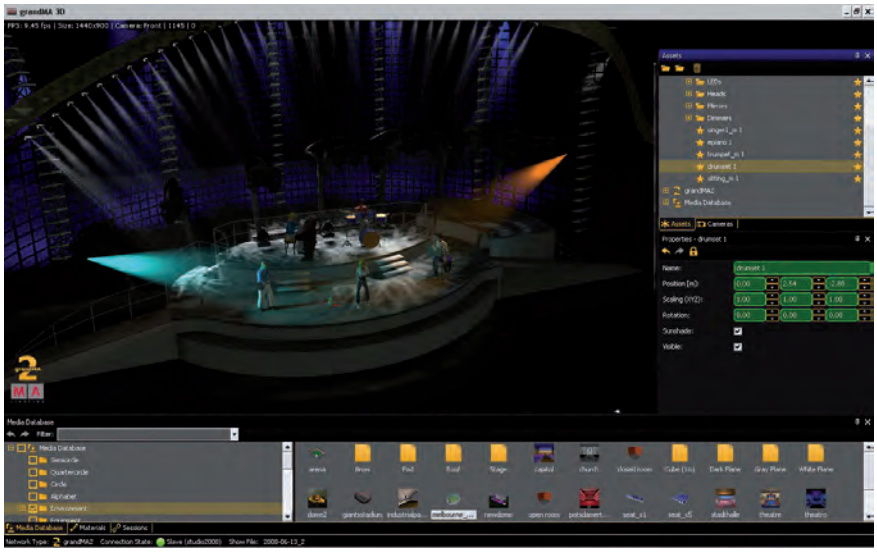
With its flexible screen arrangements and multiple views plus functions like shortcuts via any keyboard, the grandMA2 onPC software underlines its absolute flexible layout for any show-situation. Nearly any functionality can be displayed, modified or used as it occurs in the "real" hardware.

Tip

The grandMA2 onPC software can be downloaded free of charge at www.malighting.com where you will find the relevant system requirements.

grandMA 3D

- Real-time 3D visualisation of key functions and effects of conventional & moving lights
- Bi-directional data exchange with the grandMA2 consoles of all series – using the same setups
- Live and blind programming modes
- Follow mode for live-positioning of fixtures from the grandMA 3D program to the console
- Import of 3ds-files
- Multiple cameras are available that can be selected and independently positioned during visualisation
- Pre-programming of entire shows just with grandMA2 onPC and grandMA 3D
- Precise and realistic reproduction of shadows & colour beams in real-time
- grandMA 3D is available free of charge. Further information can be found at www.malighting.com.



MA Lighting's visualiser and pre-programming studio – the PC software grandMA 3D – is an extremely powerful tool to visualise and design 3D stage layouts. In conjunction with any grandMA2 console or the grandMA2 onPC program conventional and moving light fixtures can be displayed.

grandMA 3D allows a straight forward design and set up of any custom stage or scenery layout with its 2D drawing facilities and a library of basic graphical elements. Multiple windows both in 2D or 3D view with any camera angle can be opened at the same time and will be updated in real-time. All the stage elements can be positioned in x/y/z directions and can be rotated around the various axes. A huge built-in library of textures is included and you can import your own graphic files and even video clips and use them as textures too.

MA Lighting University

Training worldwide

MA LIGHTING UNIVERSITY certified

By providing a comprehensive training programme, MA Lighting aims to offer its customers the best possible qualifications. This is particularly important when it comes to grandMA2 console training, however it is equally relevant when using an MA VPU (Video Processing Unit) or setting up a network via MA-Net2 utilising the corresponding MA Lighting hardware solutions.

The training programme of the MA University is certified worldwide by MA Lighting, so we can guarantee continuity of knowledge, independent of the training location. Please get in touch with your local MA distributor/office for training in your country.

Check out our grandMA2 Online Tutorials on www.youtube.com/MALightingInt

MA Lighting catalogue online

Download MA Catalogue:
www.malighting.com/MA_Catalogue

Have you seen the MA catalogue already? You can download it from the MA Lighting website or skip through our online version. Just visit our website www.malighting.com or scan the QR code below.

MA has styled the catalogue into a complete new design which makes skipping through the pages a joy. The catalogue also contains a lot of background information about the MA system, offering a comprehensive overview of all its parts and showing solutions for setting it up.

Utilising this resource, you can easily find out all about our four 'worlds':

Control | Video | Network | Dimming

Tip

Furthermore there is a whole bunch of concentrated knowledge about MA Lighting products in the internet available. Please have a look at this sites.

http://www.ma-share.net/

http://www.wikima.net/wiki.cgi

http://www.wikima2.net/wiki.cgi/

grandMAgazines online

Search our grandMAgazine archive:
www.malighting.com/grandmagazine.html

Stay in touch with MA

You can find us in the web also on YouTube, Twitter and Facebook. Have a look at:

www.youtube.com/user/MALightingInt

twitter.com/MALighting

www.facebook.com/MALighting

Tools
Setup

Small in size but big in detail

Simply connect to your PC or Notebook running grandMA2 onPC to enter the almost unlimited world of MA Lighting.

The MA onPC command wing is the perfect solution if you are:

- **Working as a lighting professional around the world**
- **Running a small club or theatre**
- **Want to join the huge MA Lighting family**
- **Looking for a smart backup or pre-programming solution**

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