MA
LIGHTING

dot2

THE ESSENCE

of MA Lighting

MA Lighting embodies an extraordinary approach towards professional lighting control and enjoys an enviable reputation for quality and reliability. Now MA presents a new compact range of modular lighting control solutions – the dot2.

Designed for smaller and mid-sized projects and venues, dot2 offers advanced functionality, with outstanding ease-of-use. Full tracking backup is available via plug and play networking.

Intuitive operation is the core of the dot2 philosophy and with all connectivity onboard, the dot2 range is suitable for most theatre, touring, corporate, television and education lighting environments.

Discover the free dot2 onPC software and the free dot2 3D visualization software. Test it for yourself!

More details about the dot2 range can be found at www.ma-dot2.com.

The new Range of Lighting

Control Solutions from MA Lighting

dot2

THE ESSENCE
of MA Lighting

The essence of something determines its character. All the experience, knowledge and performance which makes something an MA Lighting product, is now condensed into one easy to operate and powerful console – the dot2.

We have created the best user experience with the perfect combination of:

EASY OPERATION | CLEVERNESS | SUITABILITY | MULTILINGUAL | DESIGN | MA DNA

EASY OPERATION

- Minimal set-up time by Patch & Go
- Intuitive Graphical User Interface
- The rig at your fingertips with direct fixture control
- Integrated user guidance with Direct Hints

CLEVERNESS

- Capture your design with Store Look
- Access generic fixture functions via Smart Dialogue
- Ensure elegant playback with Track & Shield and Auto-Unblock
- Automated playback page management by Auto-Fix

SUITABILITY

- Intuitive operating style to suit all users
- Specialist features for various lighting disciplines
- Simple full tracking backup with plug and play hardware
- Scalable to your needs with wings and external touchscreens
- Free onPC and 3D visualiser software

MULTILINGUAL

- Console software in multiple languages
- Direct Hints in multiple languages
- Online help and tutorials in multiple languages
- Multilingual support forum

DESIGN

- Compact all-in-one lightweight design
- No external devices needed as all connectivity is onboard
- Every wing comes with an integrated touchscreen

MA DNA

- Decades of experience in developing intelligent lighting control solutions
- Reliable MA hardware – made in Germany
- Rock solid MA software – made in Germany
- Industry leading support

MA DNA

With decades of experience in developing intelligent lighting control solutions, the MA roots dig deep into the ground of professional lighting control. Since its foundation in 1983, MA Lighting has expanded to become an international leader for reliable computer-controlled lighting consoles, networking components and digital dimming systems all based on MA's rock-solid software and reliable hardware — all made in Germany.

This success rests on solid reasons: With its industry leading support and power to innovate, MA Lighting meets the growing demands of a constantly changing industry and develops product solutions for tomorrow.

the dot2 range

Intuitive operation is the core of the dot2 philosophy and with a comprehensive set of connectivity hardware on all console models, the dot2 range is suitable for most theatre, touring, corporate, TV and education lighting environments.

The easy to operate dot2 software is available in multiple languages and provides onboard Help and Direct Hints to guide a new user to operate the console to its full potential. Simply Patch & Go, with no additional setup required.

A full range of clever programming and playback features provide intuitive access to advanced functionality. Access to generic fixture functions is via a Smart Dialogue and Store Look functionality ensures you can control and record what's intended.

Automated tools; Track & Shield and Auto-Unblock simplify cue-list management and Auto-Fix allows playback page changes to occur without unexpected results.

The dot2 will feel familiar to theatrical users, 100mm faders provide full access to the master playback list at all times and a tactile level wheel gives access to lighting levels. Command-line syntax is fully supported alongside graphically assisted touch screen control of all features.

Build for touring; the dot2 hardware is compact, durable and remarkably lightweight. Its optional modular plug & play F- and B-wings allow playback expansion and the full-tracking-back-up functionality ensures your show runs trouble free.

Live Time, Tap Sync and multiple touch screens allow instant access to all playback functionality. And sophisticated features like Soft-LTP automatically preserve key-lighting levels without going through black.

The free-of-charge software products dot2 3D and dot2 onPC are available to enhance the dot2 experience.

MA Lighting's visualiser and pre-programming studio, the dot2 3D, is an extremely powerful tool to visualise and design three dimensional lighting systems. Operating via the network, dot2 3D connects to any dot2 console.

The free-of-charge dot2 onPC software also connects to the dot2 3D and incorporates all of the control functions of a real dot2 console.

The dot2 Node4 (1K) leverages years of MA network experience, ensuring frame-synchronous DMX output and provides backup output switching between dot2 consoles. The dot2 Node4 (1K) can also be used in conjunction with the dot2 onPC software as a standalone 1024 channel control solution. Multiple consoles or onPC software can also exist within the same network, allowing same show access for designers, technicians and programmers.

Download the free software at www.ma-dot2.com.
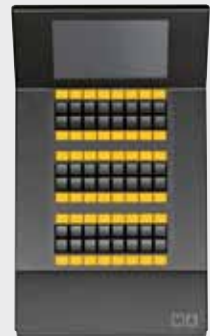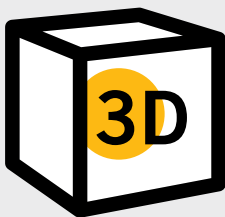
dot2 XL-F
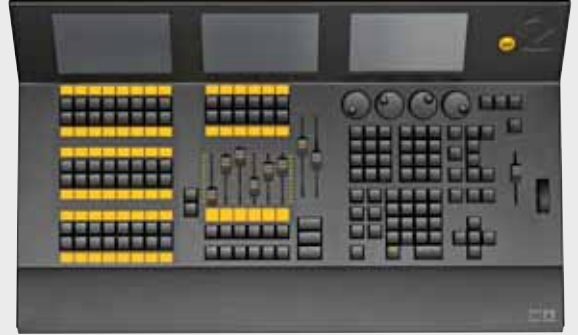
dot2 XL-B

dot2 core

dot2 F-wing

dot2 Node4 (1K)

dot2 B-wing

dot2 3D

dot2 onPC

console combinations

console		DMX Channels	Master Playback Section (2x100 mm Fader)	
dot2 core		**4,096** Output via 4 x DMX + Ethernet or 4 x DMX via dot2 Node4 (1K)	1	
dot2 XL-F		**4,096** Output via 4 x DMX + Ethernet or 4 x DMX via dot2 Node4 (1K)	1	
dot2 XL-B		**4,096** Output via 4 x DMX + Ethernet or 4 x DMX via dot2 Node4 (1K)	1	
dot2 onPC	**dot2 Node4 (1K)**	**1,024** Output via dot2 Node4 (1K)	0	

rules

Up to two F-wings and two B-wings can be connected to a dot2 core at the same time. For calculation purposes please assume an XL console already has one wing connected. Wings connect via Ethernet network.

Maximum channel count is 4,096. This also applies for full tracking backup mode.
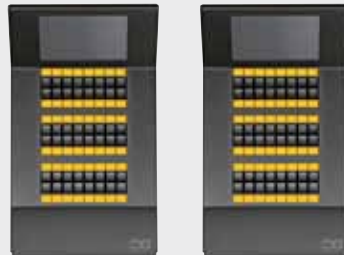
wings

	Executor Fader (Playback)	Button-Executor (Playback)	Built-in Screens
max. 2x dot2 F-wing + **max. 2x dot2 B-wing**	22	140	6
dot2 F-wing + **max. 2x dot2 B-wing**	22	140	6
max. 2x dot2 F-wing + **dot2 B-wing**	22	140	6
max. 2x dot2 F-wing + **max. 2x dot2 B-wing**	16	128	4

overview

Devices		
	120211	dot2 core
	120212	dot2 XL-F
	120213	dot2 XL-B
	120221	dot2 F-wing
	120222	dot2 B-wing
	130215	dot2 Node4 (1K), enables 1024 DMX Ch. with dot2 onPC

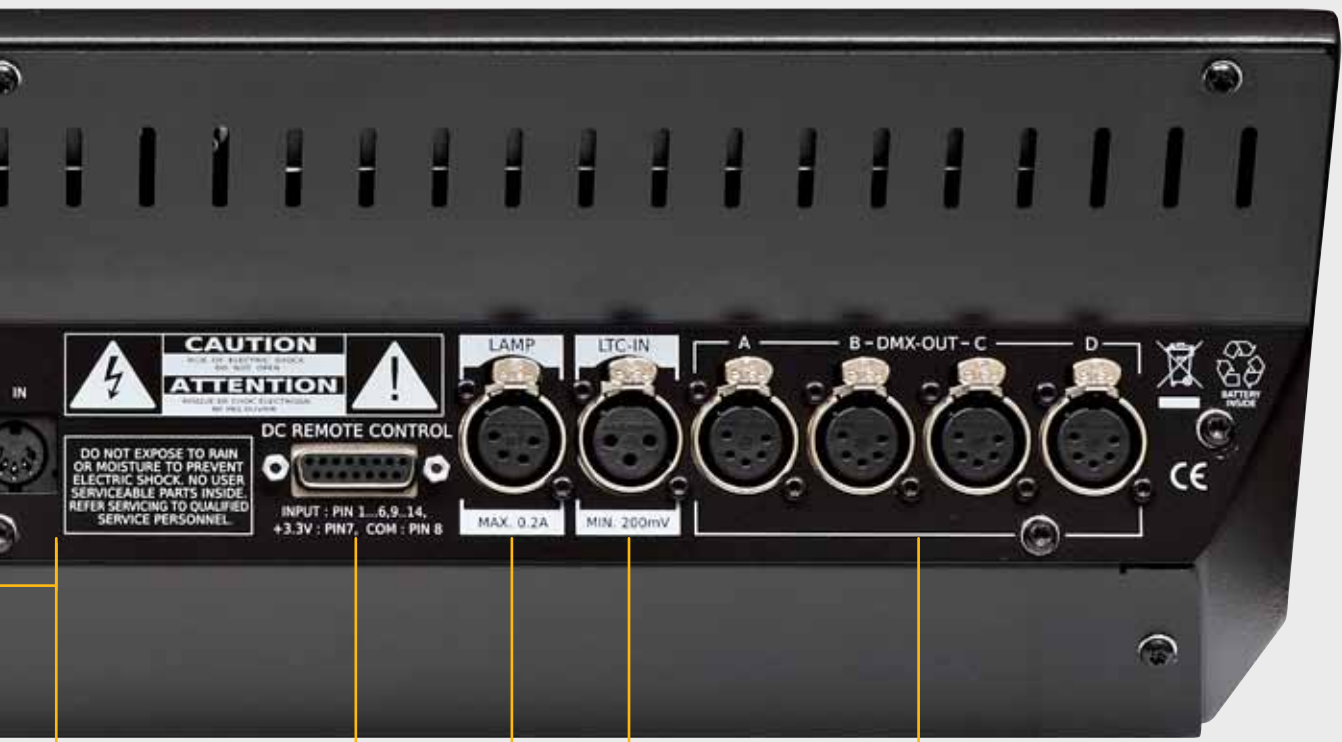| Accessories		
	120231	dot2 Magnetic plate for easy labeling of 6 faders, incl. Edding OHP pen
	120232	dot2 Magnetic plate for easy labeling of 8 faders, incl. Edding OHP pen
	120233	dot2 Magnetic plate for easy labeling of 48 buttons, incl. Edding OHP pen
	120237	LED desk lamp dot2
	120234	Dust cover dot2 core
	120235	Dust cover dot2 XL-F/XL-B
	120236	Dust cover dot2 F-wing/B-wing
	130294	dot2 Node4 (1K) 19" rack mounting kit – blank panel
	130295	dot2 Node4 (1K) 19" rack mounting kit – XLR connectors
	130296	dot2 Node4 (1K) rigging kit
	210629	Adapter cable set 4 x DMX/XLR5, 1 x etherCON RJ45
	4000016	MA case for dot2 core (by Amptown), fits also two wings
	4000017	MA case for dot2 XL console (by Amptown), fits also three wings or one core plus wing
	4000018	MA case for dot2 wing (by Amptown), fits one wing

connections for all consoles

ETHERNET USB

AUDIO-IN DMX-IN

OUT MIDI

230V ~, 50Hz
USA/CANADA: 120V~, 60Hz
POWER :   MAX. 100VA

POWER

10/100 BASE-T/X

DVI-D

MIN. 20mV

MADE IN GERMANY BY MA LIGHTING TECHNOLOGY GMBH

USB   DVI-D   DMX in

Power   Ethernet   Audio in
                              (sound to light)

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

DC REMOTE CONTROL

DO NOT EXPOSE TO RAIN
OR MOISTURE TO PREVENT
ELECTRIC SHOCK. NO USER
SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

INPUT : PIN 1...6,9...14,
+3.3V : PIN7. COM : PIN 8

IN

LAMP

MAX. 0.2A

LTC-IN

MIN. 200mV

A — B – DMX-OUT – C — D

BATTERY
INSIDE

Analogue remote

Timecode

**MIDI
in | out**

Desklight

DMX out

physical specs

dot2 F-wing
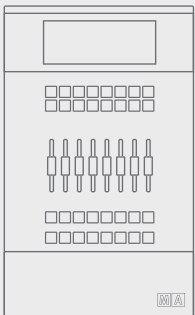
Art. No.: 120221

dot2 B-wing
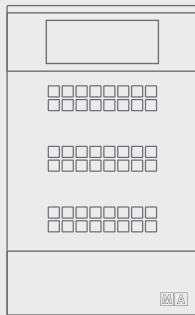
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dot2 core
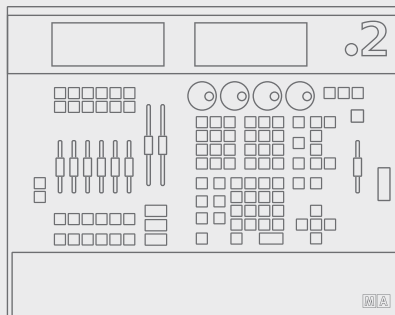
Art. No.: 120211

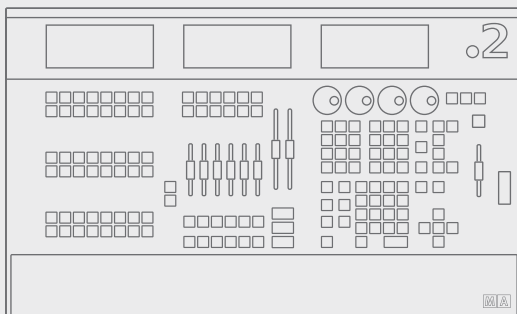|	
Dimensions	427 x 263 x 161mm / 16.8 x 10.4 x 6.4 inch
Input connectors	1 x etherCON (dot2-Net), 1 x IEC 60320 C13/C14 (IEC cord)
Net weight	dot2 F-wing: 3.4kg / 7.5lbs dot2 B-wing: 3.3kg / 7.3lbs
Operating voltage	120V/230V, 50/60Hz (automatic detection)
Power	40VA

Dimensions	427 x 546 x 161mm / 16.8 x 21.5 x 6.4 inch
Input connectors	1 x etherCON (dot2-Net, sACN, Artnet), 1 x XLR 5pin (DMX), 1 x XLR 3pin (SMPTE), 1 x DIN (MIDI), 1 x Sub-D 15pol (Analogue Remote), 1 x IEC 60320 C13/C14 (IEC cord)
Output connectors	4 x XLR 5pin (DMX), 3 x USB, 1x DVI-D, 1 x DIN (MIDI), 1 x XLR 4pin (Desklamp)
Net weight	7.0kg / 15.4lbs
Operating voltage	120V/230V, 50/60Hz (automatic detection)
Power	100VA

dot2 XL-F
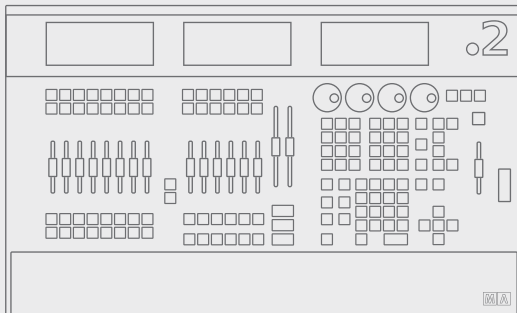
Art. No.: 120212

dot2 XL-B

Art. No.: 120213

dot2 Node4 (1K)

Art. No.: 130215

Dimensions	427 x 736 x 161mm / 16.8 x 29 x 6.4 inch
Input connectors	1 x etherCON (dot2-Net, sACN, Artnet), 1 x XLR 5pin (DMX), 1 x XLR 3pin (SMPTE), 1 x DIN (MIDI), 1 x Sub-D 15pol (Analogue Remote), 1 x IEC 60320 C13/C14 (IEC cord)
Output connectors	4 x XLR 5pin (DMX), 3 x USB, 1 x DVI-D, 1 x DIN (MIDI), 1 x XLR 4pin (Desklamp)
Net weight	9.1kg / 20lbs
Operating voltage	120V/230V, 50/60Hz (automatic detection)
Power	100VA

Dimensions	130 x 195 x 46mm / 5.2 x 7.7 x 1.9 inch
Input connectors	1 x etherCON (dot2-Net)
Output connectors	4 x XLR 5pin (DMX)
Net weight	0.85kg / 1.9lbs
Operating voltage	120V/230V, 50/60Hz (automatic detection)
Power	25VA

learn more

Now it is time to find out more about the power and innovation of our dot2 range. On this double page we have listed all the different tools that will help you to delve deeper into the many, many possibilities dot2 has to offer.

discover dot2 with michael

1 product family

2 software features

3 made for you

training with chris

1 getting started

2 first step into playback

3 first step into chasers and effects

www.ma-dot2.com

support

dot2
online manual

dot2 forum

brochures +
catalogues

software
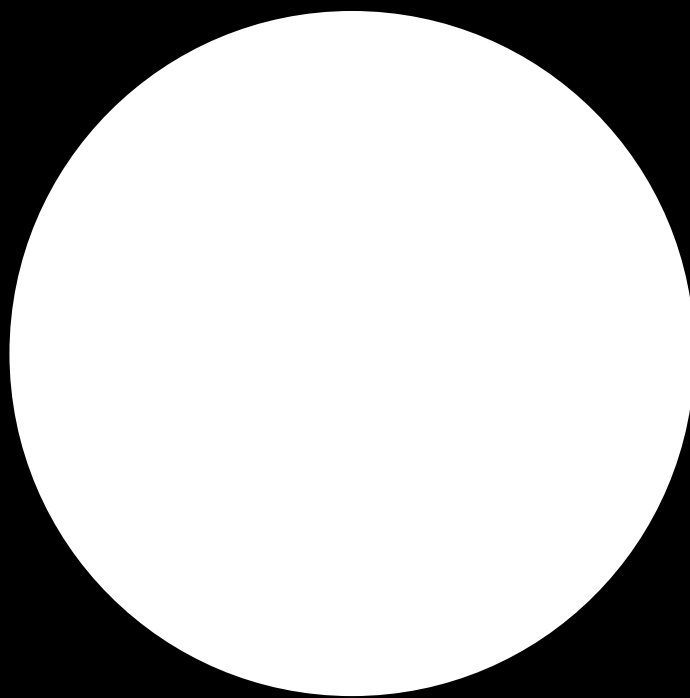download

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