

ChamSys

Inspiring Performance

MagicQ





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*ChamSys*

Since 2003, ChamSys has harnessed the talents of lighting designers, software engineers and hardware developers to overcome the limitations of traditional consoles. The brand name ChamSys comes from the word chameleon. Similar to chameleons, our high performance lighting consoles and software programs are engineered to adapt to a wide range of applications for operators at all skill levels.

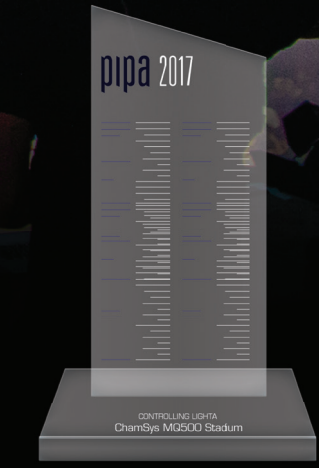


The award-winning MagicQ Stadium range operates at the highest level of show control.

# Greatness Awaits Reach for it.



MagicQ MQ500 Stadium  
2017 Prolight + Sound  
International Press Award







100-604 - MagicQ MQ500M

### MagicQ MQ500M Stadium Console

MagicQ MQ500M Stadium operates at the highest level of show control and supports 256 universes direct from the console without the need for external processing. MQ500M introduces motorised faders and encoder playbacks, now with 15 fully motorised fader playbacks, 15 encoder playbacks and 12 multi-purpose Macro/Execute/Playbacks/Palette keys, giving the console a total of 42 playbacks and providing programmers with a new upgraded work station.

MQ500M also features backlit keys and RGB illuminated faders and encoders along with supporting up to 8 touch displays, with inbuilt dual HD resolution multi-touch 15” displays with adjustable viewing angles and support for 5 remote networked displays. For additional control, connect a MagicQ MQ500M Wing and get even more playbacks and another touchscreen display as well.

MQ500M Stadium has inbuilt MagicVis 3D visualiser with high quality beam and gobo rendering. This means you can pre-program shows offline and save time onsite. The MQ500M has 4 built-in DMX ports and inbuilt 4 port ethernet switch. This versatile console also includes an intensity wheel and 100-mm motorised split crossfaders for theatre control.

Universes: 256	Channels: 131,072	Number of fixtures: 131,072
Cues: 5000	Cue stacks: 2000	Palettes: 4096
Motorised Playbacks: 15	Encoder Playbacks: 15	Multi-Purpose Executors: 12
Attribute Encoders: 8	Direct DMX ports: 4	Network ports: 4
External Monitor: Up to 1920x1200 - DVI-D	USB Ports 6 (including 2 high power for device charging)	Audio Input: Stereo - 7 band
MIDI Notes & Timecode in/out	LTC in/out	Inbuilt UPS, uses 12v Lead-Acid Battery
Dual Colour Desk Lamp x 2	Illuminated Faders/Encoders with RGB control	Backlit keys
Power Input: 110 to 240 VAC	Width: 860mm (37")	Depth: 585mm (23")
Height: 90mm (3.5") (high at front, 175mm (6.9") high at rear (screens stored)	Weight: 32kg (70.5lb)	Weight (console in flightcase): 55kg (121lb)



100-434 - MagicQ MQ500M Wing

### MagicQ MQ500M Stadium Wing

MagicQ MQ500M Stadium Wing is the latest, most advanced ChamSys wing designed to operate at the highest level of show control. Built to work directly with the MagicQ MQ500M Stadium console.

The feature packed enhanced MagicQ MQ500M Stadium Wing features 30 Playbacks which are separately page able as 15 Fader motorised Playbacks and 15 Encoder Playbacks. All Playbacks feature illuminated RGB indicators with on screen electronics legends.

It also has and 4 multipurpose Encoders, these can be assigned in functions from the Execute and other MagicQ Windows to enhance playback performance.

MagicQ MQ500M Wing incorporates a full HD multi touch display with adjustable viewing angle and gesture support. The display connects directly to the video output from a MagicQ MQ500M. Any MagicQ Window can be transferred to the display on the MagicQ MQ500M Wing.

MQ500M Wing also features backlit buttons and an illuminated storage pocket to the front with high power charging USB port.

MagicQ MQ500M Wing connects to the MagicQ MQ500M console via USB & HDMI.

15" Multi touch HD display	110 to 240 VAC input via powercon	Power input: 110 to 240 VAC
Full HD 1920x1080 resolution	Inbuilt UPS	4 assignable DMX ports
1 Neutrik locking USB for connection to console	Attribute Encoders: 4	Motorised Playbacks: 15
Encoder Playbacks: 15	Direct DMX ports: 4	Connect to MagicQ MQ500M Stadium console
Multi touch with gesture support		
Illuminated Faders/Encoders with RGB control	Backlit keys	Width: 471mm (18.5")
Depth: 587mm (23.1")	Height: 85mm (3.3") high at front, 188mm (7.4") high at rear	Weight: 13KG (28lb)



100-250 - MagicQ MQ250M

## MagicQ MQ250M Stadium Console

MagicQ MQ250M Stadium combines a high capacity of show control with portability for a complete on-the-go console solution. MQ250M has the ability to control up to 128 universes without any additional processing equipment with the ready-to-go MagicQ software you are already familiar with. 10 backlit and motorized faders and 10 backlit playback encoders with executors give you a lot of programming real estate in the small frame MQ250M is designed in.

Thanks to its motorised function, the playback section can be used for multiple purposes with shortcut buttons to change the function. With 10 motorised faders and 10 playback encoders per bank, and up to six banks, a total of 202 playbacks can be accessed at the touch of a button.

The MQ250M lights the way with backlit keys, illuminated fader tracks and encoders. Together with the new updated graphics this takes MagicQ to a whole new level of customisation giving Lighting Designers freedom to visibly configure the console for their needs.

Universes: 64, expandable to 128	Channels: 32,768 Expandable to 65,536	Number of fixtures: 32,768 Expandable to 65,536
Cues: 5000	Cue stacks: 2000	Palettes: 4096
Motorised Playbacks: 10	Encoder Playbacks: 10	Inbuilt 15" HD Multi-Touch Display
Attribute Encoders: 8	RDM Direct DMX ports: 4	Network ports: 4
External Monitor: 1, DisplayPort	USB Ports 6 (including 2 high power for device charging)	Audio Input: 1 Channel, 7 band
MIDI Notes & Timecode in/out	LTC in/out	10Scene/Remote Input port: 1
Inbuilt UPS, uses 12v Lead-Acid Battery	Dual Colour Desk Lamp x 2	Illuminated Faders/Encoders with RGB control
Backlit keys	Power Input: 110 to 240 VAC	Width: 680mm (26.8")
Depth: 416mm (16.4")	Height: 159mm (6.3")	Weight: 13kg (28.7lb)



200-025 - MagicQ Stadium Connect

## MagicQ Stadium Connect

MagicQ Stadium Connect is a PC-based programming interface with the same programming keyset and dual crossfaders as the MQ250M and MQ500M. Outputting up to 64 universes directly from the wing, and the ability to pre-vis up to 256 universes, MagicQ Stadium Connect is the ultimate solution for complete control on-the-go. With 10 backlit and motorised faders and 10 backlit playback encoders with executors with plenty of programmable real estate for your show.

Playback encoders take live operation to new heights. A multi array of different functions can be assigned to the playback encoders, operating as either regular playbacks or FX size/speed masters, rate or time control for other playbacks.

Each playback fader track & playback encoder top has full RGB illumination enabling its function to be clearly indicated. Users can select standard functions or customise each Cue Stack individually - for example to separate the main cues from bump cues.

Motorised Playbacks: 10	Encoder Playbacks: 10	Full programming button set
Attribute Encoders: 4	Dedicated Intensity Wheel: 1	RDM DMX Ports: 4
Network ports: 1	Midi Notes & Timecode In/Out	USB ports: 4 (including 1 high power for device charging)
10Scene/Remote Input port: 1	LTC Timecode In/Out	Audio Input: 1 Channel, 7 band
Illuminated Faders/Encoders with RGB control	Dual Colour Desk Lamps: 2	Backlit keys
Power input: 110 to 240 VAC	Width: 680mm (26.8")	Depth: 364mm (14.3")
Height: 85mm (3.3")	Weight: 8.7KG (19.2lb)	



## MagicQ Stadium Hardware

### Motorisation

Motorisation on the Stadium series supports many different fader modes in addition to the playback mode enabling the playback section to be used in a wide variety of applications. These include programmer modes giving access to Intensities for each patched fixture, to Intensities of Groups of fixtures, or to individual channels of a fixture. Master modes provide instant master control of individual fixtures or groups of fixtures without having to preprogram masters—ideal for those live moments when lights are flaring in cameras or key lights have to be modified quickly.



### Playback Encoders

Playback encoders take live operation to new heights. A multi array of different functions can be assigned to the layback encoders with full legending directly above on the display presenting the current function to the user. The playback encoders can be set to controlling intensity, LTP channels, FX size, FX speed, rate and time.



### Illumination & Customisation

The Stadium Series lights the way with backlit keys, RGB illuminated fader tracks and encoders, and glowing pockets. Together with the new updated graphics this takes MagicQ to a whole new level of customisation giving Lighting Designers freedom to visibly configure the console for their needs.



### Unrivalled Control & Information

The Feature rich MagicQ MQ500M Console coupled with MQ500M Stadium Wing adds a third full HD multi touch display to the MQ500M's dual inbuilt full HD displays and doubles the number of fader and encoder playbacks. Up to five additional touch monitors can be connected to the system via network using the simple Multi-Window PC application giving a total of 8 monitors for displaying information.



## MagicQ Advanced Software Features

In addition to its rich feature set, MagicQ Stadium series incorporates advanced software features including: inbuilt plot & visualisation, audio timeline editor, 3D trackers and multi-emitter colour-picker. The inbuilt 3D palette system supports external XYZ trackers.

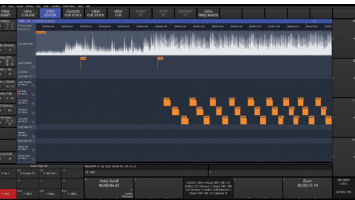
### Multi-Emitter-Based Colour-Picker

The latest MagicQ Software now supports colour-mixing and colour-picking using all fixture colour emitters by taking advantage of advanced fixture colour engines, such as those found in CHAUVET Professional Ovation theatrical fixtures, supporting Red, Green, Blue, Amber, Lime, and UV colours.



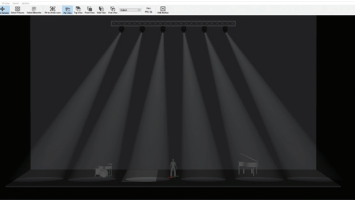
### Audio Timeline

The Timeline Editor provides a fast and easy way to synchronise cues and stacks, allowing audio tracks to be visually shown as a waveform with Cues and Timecode Track events displayed in rows allowing you to visually see and modify these along the timeline.



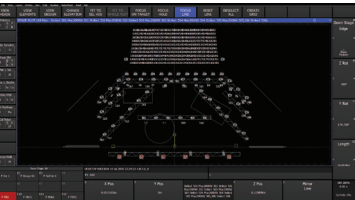
### 3D Trackers

Providing a whole new dimension to shows, 3D trackers can be received from external inputs over industry protocols such as Esta E1.59 Object Transform Protocol (OTP), PosiStageNet (PSN), or ChamSys Simple Open Tracking Protocol. Lights can be controlled to follow performers automatically in real time, track lighting of moving set pieces, and make compensations for lights on moving truss.



### Focus Hold/Focus Line

Focus hold massively reduces the time needed to create position focuses, enabling easy live tracking of talent position. Focus Line automatically aligns selected fixtures to a flexible line on the plot, adjustable in position, orientation, and length enabling groups of lights to be manipulated at the touch of a button, regardless of the physical orientation of the fixtures in the rig.



### Visualisation

MagicQ MQ500M Stadium Console supports visualisation of all 256 universes on the console with ChamSys inbuilt MagicVis visualiser. Shows from other Visualisers such as WYSIWYG, Capture, Vectorworks, L8, and Depence can easily be transferred into MagicQ.







MagicQ Compact range features small and lightweight consoles designed specifically for traveling lighting designers.

# Compact Impact



100-075 - MagicQ MQ70 Compact Console

## MagicQ MQ70 Compact Console

MagicQ MQ70 is the latest offering in the Compact Console range of small and lightweight consoles that you can fly with. MagicQ MQ70 fits within hand luggage carry on restrictions of all the major budget airlines including, Southwest, Easyjet and Ryanair. The console features a 10.1” Multi touch display, with illuminated encoder and fader tracks.

The console supports 24 universes with an option to expand to 48. The console has 3 network ports enabling ArtNet and sACN direct from the console, whilst also having 4 assignable physical DMX ports. This feature packed console also includes WIFI inbuilt to the console for quick connection to ChamSys MagicQ Remote focus application without the need for external networking hardware.

MQ70 features an inbuilt UPS which protects both the console and the Ethernet switch in case of power fail. It has low power consumption and does not require a cooling fan - enabling silent operation making it the ideal choice for touring shows, broadcast, theatrical and corporate shows. With built in MIDI input and output, and an audio input for synchronization, MagicQ MQ70 provides many options for integration with show control and audio systems.

MagicQ MQ70 runs the same MagicQ software as other MagicQ consoles, meaning that shows programmed on it can be loaded and ran on any other MagicQ console (within the universe limits). Likewise, files created on one of the other models can be saved and played back on the MQ70. This scalability is one of the core design principles for all of ChamSys lighting controllers. Show files are forward and backward compatible across software release versions and new features are regularly added to the software.

Universes supported: 24 Expandable to 48	Channels: 12288 Expandable to 24576	Number of fixtures: Up to 12288 Expandable to 24576
Cues: 5000	Groups: 5000	Display: 10.1”
Touch Screen: Multi touch	DMX 5-Pin XLR: 4	Faders: 12
Attribute encoders: 8	Network ports: 3	Inbuilt WIFI: Yes
USB ports: 5	Audio in: Yes	Audio out: Yes
MIDI: Notes, TC, Show Control	LTC in/out: Yes	Remote input port: Yes
Illuminated faders: Yes	Illuminated encoders: Yes	Wing Support: Yes
Multi console: Yes	1 Dual Colour Dimmable LED Console Lamp	UPS: Yes
Width: 525mm (20.6”)	Depth: 350mm (13.7”)	Height: 60mm (2.3”)
Weight: 7kg (15.4lb)		





100-055 MagicQ MQ50 Compact Console

### MagicQ MQ50 Compact Console

MagicQ MQ50 is part of the new generation of compact consoles, ideal for small to medium sized venues. The MQ50 features a 10.1” Multi touch display, while also being carry-on luggage compliant for all major budget airlines.

The console supports 8 universes direct from the console, with 4 assignable physical DMX outputs and a network port for ArtNet and sACN ouput. This feature packed console also includes WIFI inbuilt to the console for quick and easy connection to ChamSys MagicQ Remote focus application without the need for external networking hardware or any networking knowledge.

MagicQ MQ50 is simple and easy to use for installations, clubs and schools while still featuring advanced features such as MagicVis and MagicHD connectivity. It uses the same software and show formats, enabling compatibility between all products in the MagicQ range.

Universes supported: 8	Channels: 4096	Number of fixtures: Up to 4096
Cues: 5000	Groups: 5000	Display: 10.1”
Touch Screen: Multi touch	DMX 5-Pin XLR: 4	Playbacks: 10
Attribute encoders: 8	Network ports: 1	Inbuilt WIFI: Yes
USB ports: 5	Audio in: Yes	Audio out: Yes
MIDI: Midi Notes Support	Multi console: Yes	Wing Support: Yes
1 Dual Colour Dimmable LED Console Lamp	Width: 525mm (20.6”)	Depth: 350mm (13.7”)
Height: 60mm (2.3”)	Weight: 7kg (15.4lb)	

## MagicQ Compact Console Feature Set

	MQ70	MQ50
Universes	24 *expandable to 48	8
Network ports	3	1
USB ports	5	5
UPS	Yes	No
Ext monitor	1 (can be touch)	1
Audio input	Yes	Yes
Remote input	Yes	No
MIDI notes support	Yes	Yes
Timecode support	Yes	No
Connection to MagicQ USB Wings & Interfaces	Extra Wing Compact	Extra Wing Compact
Pixel Mapping	Yes	Yes
Media Servers	50	50 (within channel count)
ArtNet, ACN, Pathport output via network	Yes	Yes
Net connection to MagicVis, MagicHD	Yes	Yes
Multi Windows via network	Yes	Yes
Remote control via iOS/Android app	Yes	Yes
Net connection to 3rd party media servers	Yes	Yes
Multi Console support	Yes	Yes
ChamSys Ethernet Remote Protocol	Yes	Yes
ChamNet control	Yes	Yes





200-026

## MagicQ Compact Connect

The MagicQ Compact Connect is a lightweight USB control surface that connects to your PC or Mac to control lighting, media, and LEDs.

Small enough to travel inside hand luggage, the portable Compact Connect is packed with powerful features. It has 2 direct DMX512 outputs and sends up to 64 universes of ArtNet and sACN directly from its onboard network port without the need for additional licenses or dongles. The design of the Compact Connect provides illuminated access to fixture parameters via 8 rotary encoders and live show control through 10 playback faders featuring Flash, Go and Select buttons as well as dedicated Grand Master and Crossfader for overall level control. An internal USB hub, audio input, 10Scene/Remote Input port and working light socket bring additional connectivity and convenience.

The Compact Connect is ideal for use by touring Lighting Designers or for installation into theatres, schools, clubs, studios and venues. This affordable solution offers quick tactile playback control in combination with the power of MagicQ software running on Windows, Mac or Linux.

Universes: 64	Channels: 32768	Number of fixtures: Up to 32768
Cues: 5000	Cue Stacks: 2000	Palettes: 4096
Groups: 5000	RDM Direct DMX ports: 2	USB ports: 5 (1 USB-C Input, 4 USB-A Out)
Audio In: Yes	Dual Colour Desk Lamp (1)	Playbacks: 10
Illuminated Playbacks: Yes	Network interface/Port: 1	10Scene Port: Yes
Attribute Encoders: 8	Depth: 230mm (9.05")	Height: 65mm (2.56")
Width: 522mm (20.26")	Weight: 3.65kg (8.05 lbs)	

## MagicQ Compact Mini Connect

The MagicQ Compact Mini Connect is a highly portable USB-powered control surface that couples physical playback control with the power of MagicQ software.

Attached to a Windows, Linux or OSX system running MagicQ software, the Compact Mini Connect turns your computer into a powerful lighting, media and LED control center. Live show controls include 10 playback faders, Flash, Go and Select buttons, and a dedicated Grand Master fader.

The Compact Mini Connect is ideal for theatres, venues, clubs and installations. With 1 direct DMX512 output and an onboard network port that sends up to 64 universes of ArtNet and sACN, the Compact Mini Connect is also capable of commanding large shows as well as offering a cost-effective backup solution for users of larger MagicQ consoles.



200-027



Universes: 64	Channels: 32768	Number of fixtures: Up to 32768
Cues: 5000	Cue Stacks: 2000	Palettes: 4096
Groups: 5000	RDM Direct DMX port: 1	Power Supply: USB powered
Playbacks: 10	Audio Input: Yes	Network Interface/Port: 1
Weight: 1.85kg (4.1lb)	Width: 327mm (12.8")	Height: 45mm (1.77")
Depth: 204mm (8.03")		



**MagicQ software offers powerful lighting control with loads of features such as a full lighting visualisation, pixel mapping, and HD media playback.**



## MagicQ Software (Free)

Contemporary lighting fixtures are complex objects, often with a great many moving parts. A console that has to control all these parameters needs more than just a lot of power. It needs to have clever labor-saving techniques that make the programmer's job easier and makes a successful show more repeatable. MagicQ software rises to the occasion offering powerful lighting control on up to 64 universes with loads of features that lighting designers have come to rely on, such as full lighting visualisation, pixel mapping, and HD media playback on up to 8 different layers, all integrated smoothly to streamline workflows, save time, and shorten learning curves on even the most complex lighting systems.

Download for FREE at [chamsyslighting.com/products/magicq](http://chamsyslighting.com/products/magicq)



Windows



Mac



Ubuntu (64bit)



Stadium, Compact Pro2014



MQ50/70 (2019)

## MagicHD Media Player

MagicHD is a powerful Media Player that offers up to 8 layers of media playback. MagicHD has been designed to make programming and operating of combined lighting and media shows simple and easy.



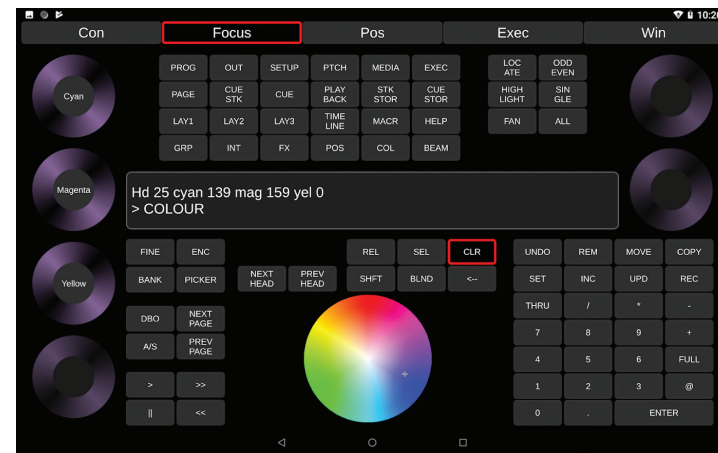
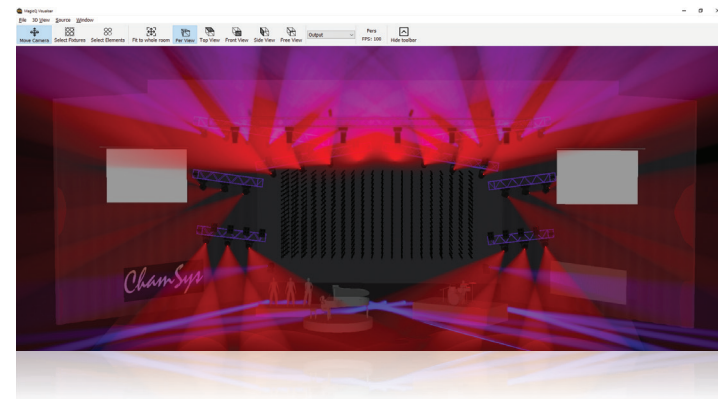
## MagicVis Visualisation

MagicVis is a powerful visualisation system fully integrated with ChamSys free MagicQ software to enable lighting designers to pre-visualise their shows, to program blind, and to generate rigging paperwork, including plots and patch lists.



## MagicQ Remote

MagicQ software includes in-built support for use with the FREE MagicQ Remote apps, which can be used on iOS and Android phones and tablets. The FREE remote app are available on the Apple App Store and Google Play Store. The apps allow remote focus, control and playback of MagicQ consoles and PC Wings.







100-012 Rack Mount Dongle

## Rack Mount Dongle

MagicQ Rack Mount Dongle is a USB Dongle that unlocks restricted features in MagicQ Software and MagicHD Media Player. It is most often used when the system is going into a rack mount computer and will not be including other ChamSys products.

### Features:

- Stand alone MagicHD mode - 8 layers
- Scheduled Events
- Remote control (via iOS, Android, PC, Mac)
- Audio Input
- Full Screen Execute
- Web Server editing (viewing is supported)
- Autostarting Playbacks
- Playback Synchronisation
- Multi Programming
- Triggering of playbacks using DMX input
- USB-MIDI Support within MagicQ

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We've expanded our FREE online MagicQ training resources!  
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11hr (EST), 16hr (BST)

#### One-on-One 20-Minute Online Training Appointments

Monday–Friday

#### Online MagicQ Training Webinars

Weekly

#### In Person MagicQ Training Courses

Hands on training catering for all skill levels



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For complete specifications, visit [chamsyslighting.com](http://chamsyslighting.com)  
Specifications are subject to change without notice.