ChamSys

Magica Tutorial

# **Tutorial 1 : Windows & Buttons**

This tutorial introduces MagicQ, showing you how to open and close windows and perform simple operations using the MagicQ interface. It uses the robedemo.shw demo show together with the MagicQ visualisation window.

🛞 MagicQ PC																	🖉 MagicQ Visualiser 🛛 🗖 🖾
File Setup	Layout W	ndow View	Tools Visua	aliser Media P	layer Panel												Fie View
	VIEW GROUPS	VIEW HEADS	VIEW PLOT	LTP LOCATE	DIM @ FULL	LOCATE	ADD FX	ADD FX 0 SIZE	DESELECT ALL	CLEAR SELECTED	CLEAR ALL	PARK					
		All LED3Ch	G2 🔥 3 All Bitmap	G3 🗞 40 All Dimmer	All Spot1200		P1 x P centre	P2 × P far left	P3 x P far right	far up	far down	Selection Normal			am Sy v chamsys co uk		
		G6 4 4 Dim No col	G7 6 6 Dim Indigo G12	6 G8 6 12 Dim L27 G13	G9 12 Dim R312 G14	G10 6 Dim R356 G15	P6 * P left P11	P7 x P right P12	P8 × P up P13	down	P10 P15	norm/rev Scroll	F	layout layout 1 2	layout time 3 line media	exec	st/2
		G16 COLOUR (S	G17	G18	G19	G20		P17		P19	P20	. Window .		prog out	setup patch macro	help	
c A		C1 C White C6 C	C2 🔴 C Red C7 🔵 C	C3 OC Amber	Yellow	CS C Green C10 C		B2 🔮 B Gobo 1-1 R B7 🛞 B	83 😑 8 Gobo 1-2 R 88 🔿 8	Gobo 1-3 R 89 🛞 B	B5 🛞 B Gobo 1-4 R B10 🕘 B Gobo 2-3 R		Č	page cue stadk	cue play stack back store	cue store	
		C11 C16	Blue C12 C17	C13 C18	C14	Magenta C15 C20		812 🌐 B	813 🔴 8 Gobo 2-6 R	814	B15 B20	Sel Heads Intensity		next head	ight	odd even single	
		Media6-PC 18 P1 Add				]	>					100% 100-50-0%			fan	a	
	PB1 pars chase 1.00 2.00	(3) PB2 profile:	(1) PB3 s 1200s	(1) PB4 pot static 575	(1) Pi Swash static	BS	PB6 ( 1200spot circl	1) P87 e 575wash	(1) PB8 tit	PB9 12 1.0 2.0	(3) PI 200spots 0 0	810		rel sel dr hift blind <	undo rem mvi set inc upo		
GRAND SUB		S		3				s > =		s > =	s > =			prp int fx xxx col bm xy1 lay2 lay3 xtrl ^ dse	7 8 9 4 5 6 1 2 3	FULL	
	Ī													< v >	0 . E	NTER	

• Start up MagicQ software. The "Welcome to MagicQ" window should be shown. Chose the "Lighting Demo" option.

Select								X
			Wel	come to MagicQ ·	-select type of s	how		
Simple generic console	Technician test fixture	Lighting demo	Pixel Mapping demo	MagicHD demo		Continue last show	Hide options next time	
				CA	NCEL			

- If the "Welome to MagicQ" window does not appear then press the Setup button (towards the top right). Then press the top soft button View Settings. Then press Load Show, and confirm Yes when requested to erase the old show from memory. Choose the Demo folder and the robedemo.shw show.
- From the top toolbar select Visualiser, View Visualiser to open a visualiser window.

File Setup	Layout Win	dow View	Tools	Visualise	er 1	Media Player	Panel	
	Palettes			🖌 Vi	iew Vi	isualiser		
				V	iew Si	tage Plot		
A	Desk	GROUP (N	lo head	s select	ed)			
	Un-locked	G1 (4 All LED3C	00) G2 h All	Bitmap	(3) G	33 (40 All Dimmer 【	) G4 All Spot1200	(4) G5 All Wash57
		G6	(4) G7	•	(6) G	68 🔍 (12		(12) G10 🤇

• Press the CLOSE button repeatedly to close all of the open windows.

rel	sel	dr	undo	rem	mve	фу
shift	blind	<	set	inc	upd	rec
grp	int	fx	THRU			
pos	col	bm	7	8		
ay 1	lay 2	lay 3				FULL
ctrl	^(	dse		2	3	@
		>			EN	TER

• Press the GROUP window to open the Group Window.

rel	sel	dr	undo	rem	mve	фу
shift	blind	<	set	inc	upd	rec
grp	int	fx	THRU			
pos	col	bm				+
lay 1	lay 2	lay 3				FULL
ctrl		dse				@
		>	0		EN	TER

• The position and size of MagicQ windows is set using the options in View on the top toolbar. Close the GROUP window again by pressing the CLOSE button.



MagicQ allows access to layouts of Windows using the Layout buttons. There are physical buttons for Layout 1, 2 and 3. Further layouts can be selected from Layouts on the top toolbar or by holding down the CTRL key and selecting from the top soft buttons.

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• Press Layout 1. The Group, Position, Colour and Beam windows should open each in a quarter of the window space.

VIEW GROUPS	VIEW HEADS	VIEW PLOT	LTP LOCATE	DIM @ FULL	LOCATE	ADD FX	ADD FX 0 SIZE	DESELECT ALL	CLEAR SELECTED	CLEAR ALL	PARK
	GROUP (Sp	ot1200 55,56	5,57,58)		X	POSITION (	Spot1200 55	,56,57,58)		X	
	G1 400 All LED3Ch	<ul> <li>Magnitude Concernent</li> </ul>	G3 💊 40 All Dimmer	G4 👩 4 All Spot1200	A Description of the second second	P1 × P centre	P2 × P far left	P3 x P far right	P4 × P far up	P5 × P far down	Selectio Normal
	G6 💊 4 Dim No col	G7 🍇 6 Dim Indigo	G8 💊 12 Dim L27	G9 🍾 12 Dim R312	G10 🍾 6 Dim R356	P6 x P left	P7 x P right	P8 × P up	P9 <sub>x</sub> P down	P10	norm/re
	G11	G12	G13	G14	G15	P11	P12	P13	P14	P15	Scroll
	G16	G17	G18	G19	G20	P16	P17	P18	P19	P20	. Window
	and the second s	pot1200 55,5	State of the second second second		×	the second second second second	1200 55,56,5	and the other and		×	
	C1 C White	C2 🔴 C Red	C3 OC Amber	C4 C Yellow	C5 😑 C Green	~	B2 🔮 B Gobo 1-1 R	and the second		B5 🛞 B Gobo 1-4 R	
	- C6 🛑 C Cyan	C7 O C Blue	C8 C Pink	C9 🌒 C UV	C10 C Magenta		B7 🗰 B Gobo 1-6 R		3602	B10 🞯 B Gobo 2-3 R	-
	C11	C12	C13	C14	C15	B11 B Gobo 2-4 R	B12 💮 B Gobo 2-5 R	B13 🔴 B Gobo 2-6 R	B14	B15	-
	C16	C17	C18	C19	C20	816	1.001.201.000		B19	820	Sel Head
	Media6-PC 18 P1 Add	Jul 2015 16:21	1:06 1.6.7.3			>	1	1	1		100% 100-50-0
1 pars chase 1.00 2.00	(3) PB2	(1) PB3 s 1200sp	(1) PB4 575		85	PB6 ( 1200spot circl	1) PB7 e 575wash	(1) PB8 tilt	PB9 1 1.0 2.0	200spots	

- Use the shortcut Layout 1, Layout 2 and Layout 3 buttons to quickly change the layout view.
- Hold SHIFT and press CLOSE to close all the windows.
- To quit the MagicQ application, press the SETUP button to open the Setup Window, select View Settings and press QUIT. Confirm YES to close the application.

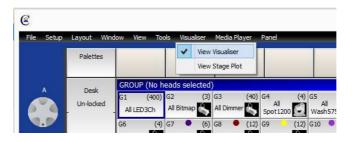
# **Tutorial 2 : Soft Buttons & Encoders**

This tutorial explains how the soft buttons and encoders around the edge of the main MagicQ window work.

• Start MagicQ application and choose the lighting demo.

Select								Х
			Wel	come to MagicQ	- select type of s	how		
Simple generic console	Technician test fixture	Lighting demo	Pixel Mapping demo	MagicHD demo		Continue last show	Hide options next time	
				CA	NCEL			

- If the "Welome to MagicQ" window does not appear then press the Setup button (towards the top right). Then press the top soft button View Settings. Then press Load Show, and confirm Yes when requested to erase the old show from memory. Choose the Demo folder and the robedemo.shw show.
- From the top toolbar select Visualiser, View Visualiser to open a visualiser window.



• Click on the "All Spot 1200" Group in the Group Window to select the Robe Spot 1200 moving light heads. Note that the title bar of the Group Window shows you which heads are selected.

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Shutter	GROUP (Sp	ot1200 55,56	5,57,58)		x	POSITION (	Spot1200 55	,56,57,58)		x	Gobo 2 R
035	and the second second second	G2 🍓 3 All Bitmap	Contraction of the second s	CALLSON CONTRACTORY IN		P1 × P centre	P2 × P far left	P3 x P far right	P4 × P far up	P5 x P far down	000
Open	A State of State of State of State	G7 💊 6 Dim Indigo	1			P6 x P left	P7 x P right	P8 × P up	P9 <sub>x</sub> P down	P10	Stop No Rot G
Iris 000	G11	G12	G13	G14	G15	P11	P12	P13	P14	P15	Gobo 1 F
$\bigcirc$	G16	G17	G18	G19	G20	P16	P17	P18	P19	P20	- 🏹
Wide	COLOUR (S	pot1200 55,5	56,57,58)		X	BEAM (Spo	1200 55,56,5	57,58)		X	No Rot G
Focus			C3 😑 C Amber	C4 🜔 C Yellow	C5 😑 C Green	B1 🔿 B		B3 🥑 B	· · · · · · · · · · · · · · · · · · ·	85 🛞 B Gobo 1-4R	Gobo 2 000
070	- C6 🔵 C Cyan		C8 C Pink	C9 🕚 C UV	C10 C Magenta	B6 🕟 B Gobo 1-5 R	10.0	B8 O B Gobo 2-1 R	B9 🛞 B Gobo 2-2 R	B10 🕘 B Gobo 2-3 R	
Zoom	C11	C12	C13	C14	C15	B11 💮 B Gobo 2-4 R	B12 💮 B Gobo 2-5 R	B13 🔴 B Gobo 2-6 R	814	815	Open Go
128	C16	C17	C18	C19	C20	816	817	818	819	820	055
O > Narrov	Media6-PC 18	Jul 2015 16:25	5:45 1.6.7.3			Set BEAM 7					Gobo 1-6

- The window that is highlighted controls all the soft buttons around the window the top12 buttons are generally used for menu items whilst the 4 on the left and the 4 on the right are for controlling parameters on the encoder wheels.
- Press the LOCATE soft button to bring all the attributes of the Spot 1200 heads into the programmer at their default values and with an Intensity of 100%. Note that the status window reports "Heads Located".
- Click on the "Up" Palette in the Position Window to bring the Spot 1200 spots onto the wall where they are visible.
- Click on the "Gobo 1-6R" Palette in the Beam Window. The Beam Window now becomes the highlighted window and the encoders control the different Beam attributes of the Spot 1200 moving light heads including "Shutter", "Gobo", "Rotate", "Prism" and "Focus".
- Notice that the Beam Window has 5 different pages of encoders which can be selected by the top soft buttons Beam Page 1 has the most commonly used attributes, whilst Beam 2 to Beam 5 are used for more advanced attributes.
- Click and move up/down on the X grey encoder wheel to increase the value of the encoder and to select different gobos click on the bottom part of the wheel to decrease the value.
- It is also possible to click in the window with the legend for the encoder clicking below the gobo icon moves to the next gobo on the gobo wheel. Clicking above the icon moves the previous gobo.
- Click and hold on the gobo icon to see a list of all the different gobos pick one from the list.
- Now open the Outputs Window by pressing the OUT button.

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VIEW IEADS	VIEW CHANS	VIE PL/		1.5	EW ALS	VIEV RAV	8	VIEW PLAYBAC	к	VIEW CUE IDS									VIEW INPUTS
	OUTPUT	S (Spot12	00 55,	56,57,	58)	4					105							х	
	Hd name	Hd type	No	Dimm	Pan	Tilt	P/T	Col	Cyan	Mage	Yell	CTC	Shut	Iris	Gobo	Gobo	Gobo		
	- Spot1200	Spot1200	55	100%	128	128	Max S	p Yellow	Yellow	Yellow	Yellow	000	Open	Wide	Gobo	Gobo I	No Rot	-	
	Spot1200	Spot1200	56	100%	128	128	Max S	p Yellow	Yellow	Yellow	Yellow	000	Open	Wide	Gobo	Gobo	No Rot		
	Spot1200	Spot1200	57	100%	128	128	Max S	p Yellow	Yellow	Yellow	Yellow	000	Open	Wide	Gobo	1 Gobo I	I No Rot		
	Spot1200	Spot1200	58	100%	128	128	Max S	p Yellow	Yellow	Yellow	Yellow	000	Open	Wide	Gobo	I Gobo I	No Rot		
View	Key	No col	1	0%															Scro
All	Кеу	No col	2	0.%															Windo
	Кеу	ONo col	3	0%														1	
All/Sel	Key	No col	4	0%															
All/Sel	PAR 64	Indigo	5	0%															
	PAR 64	OR312	þ	0.%															
	PAR 64	R 356	7	0%															
	PAR 64	<b>L</b> 27	8	0%															
	PAR 64	OR312	9	0%															
	PAR 64	<b>L</b> 27	10	0.%	-														
	PAR 64	Indigo	11	0%															
View	PAR 64	OR312	12	0%															Select
All	PAR 64	R356	13	0%	1														Head
	Media6-PC	18 Jul 2015	16:26	33 1.6.	7.3				Set	BEAM 7								1	
	P1 Add				1955					10000									1009

- The Outputs Window shows parameters that are in the Programmer in red. Note that the Spot 1200s are at 100% intensity.
- Press the CLEAR button to clear the programmer the Outputs Window now shows the Spot 1200s at 0%.



# Tutorial 3 : Starting a new show with moving lights

This tutorial starts a new show and patches some Robe Spot 2500 moving lights. We will use four Robe Spot 2500s in mode 1 configured to respond to DMX addresses 100, 124, 148, 172 on Universe 2.

• Start the MagicQ application and from the toolbar Visualiser, View Visualiser to open the Visualiser window.

File Setup	Layout Win	dow View Too	ols Visualise	r Media Player	Panel	
	Palettes	1	🖌 Vie	ew Visualiser		1
			Vie	ew Stage Plot		
A	Desk	GROUP (No h	eads selecte	ed)		
	Un-locked	G1 (400) All LED3Ch	G2 ( All Bitmap	(3) G3 (40 All Dimmer	) G4 (4) All Spot1200	G5 All Wash57
		G6 (4)	G7 🔍 (	(6) G8   (12	) G9 ! (12)	G10 0

- Close all the MagicQ windows by holding SHIFT and pressing CLOSE.
- Open the Setup Window by pressing the SETUP button.
- Change the View to VIEW SETTINGS using the first top soft button.
- Press the NEW SHOW soft button

VIEW SETTINGS	VIEW SYSTEM	VIEW DMX I/0	100 C 100 C 100	LE AGER	SAVE SHOW	BACKUP TO USB	SAVE SETTINGS	IMP( SETT	1. A.	LOAD SHOW	NEW SHOW	CAL TOUCH	QUIT
	SETUP (sho	w/SatJul	181512172	015.sbk)	last saved 4	17 mins ag	0					x	
Play Mode Normal	Mode	Prog	Keypad Encoders	Windows	Cue Storage	t‡t Playback	Network	erts 🖓	MIDI Timecode	Multi Console	Hardware	All	 Set
요 Safe/Normal	Parameter			Setting	· · · · ·	•					· · · ·		Hostname
	Country			UK									
Prog Mode	Time Zone			0.00									Scroll
Normal	Latitude			0.00									Window
	Longitude			0.00				6					

• You will then be prompted to erase the show from memory. This will not erase any shows that have previously been saved to disc – only the current show that is in memory. For this demo just press Yes to confirm.

Con	firm			X
	Erase current show	from memory (saved sh	ows remain on disk) ?	
	YES	NO	CANCEL	

• Now you will be prompted which mode to use. Users that are familiar with Hog II systems should choose Hog II Warp. All other users should choose Normal.

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Select					X
	Select pro	ogramming mode	(if unsure select	Normal)	
	Normal (live)	Theatre non track	Theatre tracking	HogII warp	
		CAN	VCEL		

- All show data and patch will be cleared and the show settings will be set according to the mode selected. The different modes simply choose slightly different console settings. All MagicQ features can be accessed from any of the modes.
- Open the Patch Window by pressing the PATCH button. The window should be empty as there are no items patched.
- Patching moving moving lights takes two steps first choose the moving light, then second, patch it. Press the CHOOSE HEAD soft button. MagicQ will show a list of moving light manufacturers. Use Page Up and Page Down to move up and down the list, or type the starting characters of the manufacture on your keyboard..
- Chose Robe. MagicQ now shows a list of lights for the manufacturer. Select Robe Sport 2500. MagicQ now shows the possible modes for that light. Select mode 1. MagicQ now returns to the Patch Window note that the window heading shows the chosen light in this case Robe Spot 2500 Mode 1.

CINIC	DEIX		113		Dimplied	<u></u>			ultool a		
PATCH (Rob	e Spot250	0 Mod	e 1 free	1-001 [Rob	e_Spot2500	_Mode	1.hed])				X

• Now press the PATCH IT soft button. MagicQ asks you to enter the number of lights and the DMX address. In this case we will patch 4 lights starting at DMX address 2-100. Type 4@2-100 followed by ENTER. MagicQ will patch the 4 lights one after another.

VIEW HEADS	VIEW CHANS	VIEW DMX	VIEW VIS		HOOSE HEAD I	CHOOSE DIM/MEDIA	PATCH IT	ED: HE/	20	AUTO GROUI	25	CLONE	24	MORPH HEAD	SORT
36	PATCH (Rob	e Spot2500	Mode 1 fre	ee 1-00	I [Robe_S	pot2500_Mo	de 1.hed])				1			X	
Universe	Head type		DMX	Hd no	Name	Gel		P Inv	T Inv	Swap	Merge	From	P Off	TOff	
All	- Robe Spot2500	V(	2-100	1	Spot2500	Mix		no	no	no	Norm	1			-
	Robe Spot2500		2-124	2	Spot2500	Mix		no	no	no	Norm				
	Robe Spot2500		2-148	3	Spot2500	Mix		no	no	no	Norm				
	Robe Spot2500		2-172	4	Spot2500	Mix		no	no	no	Norm				2
View									11	11					Scrol
All	-														Windo
ير II/Sel/Uni															
ead Test															Vis
Off	-														Patch
100%															Off

• Press the Layout 1 button – you will notice that MagicQ has automatically generated a group for the moving lights and allocated colour, position and beam Palettes.

# Tutorial 4 : Starting a new show with dimmers

This tutorial starts a new show and patches 44 dimmers on universe 1 at channel 1.

• Start the MagicQ application and from the toolbar Visualiser, View Visualiser to open the Visualiser window.

File Setup	Layout Win	dow View Too	ols Visualiser	Media Player	Panel	
	Palettes		View	Visualiser		
			View	Stage Plot		
A	Desk	GROUP (No h	eads selected	)		
	Un-locked	G1 (400) All LED3Ch	G2 (3) All Bitmap	G3 (40) All Dimmer	) G4 (4) All Spot1200	G5 All Wash57
		G6 (4)	G7 🔶 (6)	G8 🔮 (12		G10

- Close all the windows by holding SHIFT and pressing CLOSE.
- Open the Setup Window by pressing the SETUP button.
- Change the View to VIEW SETTINGS using the first top soft button.
- Press the NEW SHOW soft button

VIEW SETTINGS	VIEW SYSTEM	VIEW DMX I/0	and the second	LE AGER	SAVE SHOW	BACKUP TO USB	SAVE SETTINGS	IMP( SETT		LOAD SHOW	NEW SHOW	CAL TOUCH	QUIT
	SETUP (sho	ow/SatJul	181512172	015.sbk)	last saved 4	17 mins ag	0	- Ba				×	
Play Mode Normal	Mode	Prog	Keypad Encoders	Windows	Cue Storage	tit Playback	Network	Ports	MIDI Timecode	Multi Console	Hardware	All	- <u>-</u>
요 Safe/Normal	Parameter			Setting							······		Set Hostname
	Country			UK									
Prog Mode	Time Zone			0.00									Scroll
Normal	Latitude			0.00									Window
	Lopaitude			0.00				6					

• You will then be prompted to erase the show from memory. This will not erase any shows that have previously been saved to disc – only the current show that is in memory. For this demo just press Yes to confirm.

Confirm			Х
Erase current show	from memory (saved sh	iows remain on disk) ?	
YES	NO	CANCEL	

• Now you will be prompted which mode to use. Users that are familiar with Hog II systems should choose Hog II Warp. All other users should choose Normal.

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Select					
	Select pro	ogramming mode	(if unsure select	t Normal)	
	Normal (live)	Theatre non track	Theatre tracking	HogII warp	
			NCEL		

- All show data and patch will be cleared and the show settings will be set according to the mode selected. The different modes simply choose slightly different console settings. All MagicQ features can be accessed from any of the modes.
- Open the Patch Window by pressing the PATCH button. The window should be empty as there are no items patched.
- Patching dimmers takes two steps first choose the dimmer, then second, patch it. Press the CHOOSE DIMMER soft button. MagicQ will choose the Generic Dimmer personality. Note that the window heading shows the Generic Dimmer.

PATCH (Generic Dimmer free 1-001 [Generic\_Dimmer.hed])

• Now press the PATCH IT soft button. MagicQ asks you to enter the number of lights and the DMX address. In this case we will patch 44 dimmers at the address 1-1. Type 44@1-1 followed by ENTER. MagicQ will patch the 44 dimmers one after another.

VIEW HEADS	VIEW CHANS	VIEW DMX	VIEW VIS	(	HEAD	CHOOSE PATC DIM/MEDIA IT	H ED HE	1011	GROU		CLONE		MORPH HEAD	SORT
	PATCH (Gen	eric Dimmer	free 1-04	15 [Ger	ieric_Dim	mer.hed])			9	-			)	
Universe	Head type		DMX	Hd no	Name	Gel	P Inv	T Inv	Swap	Merge	From	P Off	TOff	
All .	- Generic Dimmer		1-028	28	Dimmer	No col				Norm				-
	Generic Dimmer		1-029	29	Dimmer	No col				Norm				
	Generic Dimmer		1-030	30	Dimmer	No col				Norm				
	Generic Dimmer		1-031	31	Dimmer	No col				Norm				
View	Generic Dimmer		1-032	32	Dimmer	No col				Norm	1			Scroll
All	Generic Dimmer		1-033	33	Dimmer	No col				Norm				Windov
<u> </u>	Generic Dimmer		1-034	34	Dimmer	No col			1	Norm				
	Generic Dimmer		1-035	35	Dimmer	No col		-		Norm				
All/Sel/Uni	Generic Dimmer		1-036	36	Dimmer	No col				Norm	1			
	Generic Dimmer		1-037	37	Dimmer	No col				Norm				
Head Test	Generic Dimmer		1-038	38	Dimmer	No col				Norm				Vis
Off	Generic Dimmer		1-039	39	Dimmer	No col		-	-	Norm			1	Patch
100%	Generic Dimmer		1-040	40	Dimmer	No col		1		Norm				Off
On / Off	Generic Dimmer		1-041	41	Dimmer	No col				Norm				
Un / Uff	Generic Dimmer		1-042	42	Dimmer	No col				Norm				On / Of
Test	Generic Dimmer		1-043	43	Dimmer	No col		-	-	Norm			1	Auto
Cursor	Generic Dimmer		1-044	44	Dimmer	No col				Norm	1			Palette
- Curson	-			nl:	nt		mit	- nl:	nd:	nte	mb.	mb		-
Head	Media6-PC 18 J	ul 2015 16:12	:22 1.6.7.3	1		Patched	14 Generic_Di	immer						On
, icela	P1 Add					>								On 7 Of
1	PB2	PB3	PB	4	PB	PB6	PB7		PB8		PB	9	PE	310
	-	1				er and the second	A PROPERTY.							
							1				1		1	

• Press the Head Test soft button. MagicQ will test the dimmer which the cursor is on. Use the UP and DOWN arrows to move through the list testing the different dimmers. When you have finished testing press the CLEAR button.

# **Tutorial 5 : Using Technician Test Mode**

This tutorial demonstrates how to test a fixture in technician test mode. We will test a Varilite VL3500 Spot.

- Start up MagicQ software. The "Welcome to MagicQ" window should be shown. Chose the "Technician Test Fixture" option.
- If the "Welome to MagicQ" window does not appear then from the toolbar select Panel, and Simple this will take you into the Simple Mode which allows simple testing of fixtures.

😢 MagicQ PC (De	mo Mode)																	- • 💌
File Setup Lay	yout Window	View Tools	Visualiser I	Media Player F	Panel													
							PROGRAM	MER										
000 000		4 5 mmer Dimmer		7 8	000 000	000 11 Dimmer	000 000	14	000	16	000 000	19	000	000 21 Dimmer	000	000	000 24 Dimmer	ď
000 000	27			31 32	000 000	35	000 000	38	000	40		43	000	000 45 Dimmer	000	000	000 48 Dimmer	
						PLAYB/	ACKS											
		48chandesk.shw					Show loaded									n	1	C
SAVE SHOW LOAD SHOW	P1 Add PB1	PB2	PB3	PB4	PB5		> PB6	PB7	P	88	PB9	PE	10		rel rem set rec		v.chams	Sys ys.co.uk
dba nxt a/s prv GRAND SUB			s    		>	S > 					s > =	-		0 0 0 0 0 0 0 0	02         00         12           03         00         13           04         00         14           05         00         15           06         00         16           07         00         17           08         00         18           09         00         19	OUT 00 21 20 22 00 23 00 24 00 25 00 26 00 27 00 27 00 28 00 28 00 30	00         31           00         32           00         33           00         34           00         35           00         36           00         37           00         38	00     42     00       00     43     00       00     44     00       00     45     00       00     46     00       00     47     00       00     48     00

• Press the TEST SHOW button. MagicQ will show you a list of manufacturers.

## MagicQ Tutorial 2015

Setup Layout	1		Player Panel	110		1000 1000			0007
HARD DRIVE	USB DRIVE		IMPLE ADV VIEW VIEW	UP FOLDER	FILE EXT	UPDATE HEADS		LOSE SET NDOW USB DRIVE	E SORT
MANAGER (haro	drive: C:/Program Files	s (x86)/ChamSys	Ltd/MagicQ PC/show/head	is)					
SFX	SGM	Sharpy	Shinp	Show Gear PRN	Show Series	Showcase	Showco	ShowLED	Showline
Showlite	ShowPro	Showtacle	Showtec	Showvision	Silver Star	Sky Lighting	SkyTec	Skytronic	SLS
Smartlight	Smoke Factory	Sonken	Sonoss	Soul Light	Soundsation	Source	Space Cannon	Space Light	SPG
Spotlesslight	Spotlight	Squale	SRL	SSDL	SSE	SSP	Stage Ape	Stageline	Stageteq
Stageworks	Stagg	Stairville	Starbow	Starlite	Starway	Steady	StellarLabs	Strand	Street Audio
StreetAudio	Strong	Studio Due	Sublime	Summa	SunStar	Swefog	Swelite	Syncrolite	TachLASER
Talent	Tanyue	TBF	TE Lighting	TechLaser	Technilux	Tedmen	Teclumen	TEI Lighting	TEILighting
Terbly	The World Famous	TheLight	TheOne	Tian	Tianli	Timpani	ТМВ	ТотТор	Toplite
Topstar	Tourix	Tracoman	Traxon	Triangle Lights	Triton Blue	Trix	Tronios	Tryka	Turbo
Ultima	Ultratec	Umesco	UniLyte	Universal	UniversalEffect	URC	Vaporizer	VariLite	Varytec
Velleman	Vello	VentureLite	Venue	Venus	Versatile	VFX	Vidvox	Viking	Viky
Vinciscan	VIPOneBigLED	Visage	Vision	VisionStage	Visual Productions	VLS	VMS	Volkslaser	VPower
VSL	Wahiberg	Weinas	WiFi	Wildfire	Wilgex	Winamp	Wingo	Winpower	Work
WWG	Wybron	WYSIWYG	X&Y Sys	X-Laser	Xeos	Xeron	Xilver	XinyuProLight	XSpaceLight
(spaceLights	Xstatic	Yajiang	Yellow River Lighting	YG	Ying Wei	Youku	YR Light	YueYuan	Zap Technologies

- Use the Page Up and Page Down keys on your keyboard to go to move up and down the list. Choose Varilite. MagicQ will now show you a list of lights. Choose VL3500 spot.
- MagicQ now creates a new show with just one Varilite VL3500 Spot patched at DMX address 1. MagicQ automatically creates up to 10 Playbacks with useful test functions including Lamp On, Locate, and tests of the movement, colour and beams.

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C MagicQ PC (De	emo Mode)									
File Setup Lay	yout Window View	r Tools Visualiser	Media Player Panel							
r.					PROGRAMMER					T.
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255 255 255 25 25 26 Col Ti Beam	27 28									
				PLAYBAC	ĸs					
	show/test_VariLite_V P1 Add	/L3000Sshw		C.	Created test show				Cl.	amSys
SAVE SHOW LOAD SHOW	PB1 (3) PE Macros Lamp on Reset		(1) PB4 (1 Circle Col wheels White White > Cong	7) PB5 (1) P CMY	Gobo wheels Open Gobo O		(3) cusZoom	2810 (62) Demo Locate White	rel rem www.o	chamsys.co.uk
dbo nat a/s prv GRAND SUB									OUTPU 01 00 11 00 21 0 02 50 12 00 22 ff 03 00 13 00 23 0 04 50 14 50 24 0 05 00 15 00 25 ff 07 50 17 50 27 ff 08 00 18 00 28 0 09 00 19 00 29 0 10 00 20 50 30 0	0 31 00 41 00 F 32 00 42 00 0 33 00 43 00 0 34 00 44 00 F 35 00 45 00 F 36 00 46 00 F 37 00 47 00 0 38 00 48 00 0 39 00

- The top 48 faders allow you to control the individual channels of the light. Hold the SHIFT key if you wish to have higher accuracy on the faders. The Output values are shown in the Outputs section. Press CLEAR to clear the changes you have made with these faders.
- If you have a ChamSys MagicDMX interface you can connect this to a USB port and control the fixture directly.
- If you have a 3rd party DMX interface then you will need to change into the Normal mode by pressing the Norm button on the top right. Then go to Setup, View DMX I/O and set up Universe 1 to the type of your DMX interface and enable Universe 1.

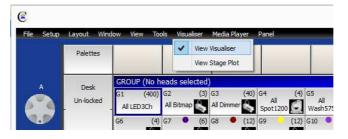
# Tutorial 6 : Recording a Cue and a Cue Stack

This tutorial will show you how to record a Cue and a Cue Stack (sequence of Cues).

• Start up MagicQ software. The "Welcome to MagicQ" window should be shown. Chose the "Lighting Demo" option.

Select								Х
			Wel	come to MagicQ	- select type of	fshow		
Simple generic console	Technician test fixture	Lighting demo	Pixel Mapping demo	MagicHD demo		Continue last show	Hide options next time	
				CA	NCEL			

- If the "Welome to MagicQ" window does not appear then press the Setup button (towards the top right). Then press the top soft button View Settings. Then press Load Show, and confirm Yes when requested to erase the old show from memory. Choose the robedemo.shw from the demo folder.
- From the toolbar select Visualiser, View Visualiser to open the Visualiser window.



- First we will create a simple "look" in the Programmer. Press Layout 1 to open the Group, Position, Colour and Beam Windows.
- In the Group Window select the "All Spot 1200" Group.
- In the Colour Window select colour "Yellow" and in the Position Window select "Up".
- In order to program a new Cue we need to find a Playback page with free Playbacks. Press the Page Up / Page Down buttons to change Page to Page 3. The Page number is shown to the left of the clock.

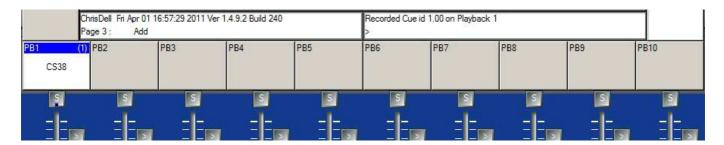
		16:51:22 2011 Ver 1.4.9.2 Build 240	
Page 1 :	Add		

• To record a Cue press the REC button (in the action buttons on the left side) and then press the S button above the first Playback (PB1)



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• MagicQ records the Cue on the Playback. As the Playback was empty, MagicQ automatically creates a Cue Stack with the single cue in it. The cue is given the Cue ID 1.00 with the Cue Stack.



- Initially the Cue Stack has no name so MagicQ displays the number of the Cue Stack (in this case CS38) above the fader. The number in the top right is the number of steps in the Cue Stack in this case (1).
- To name the Cue Stack press the SET button and then press the S button of the Playback. MagicQ opens a keyboard where you can enter in the name. In this case we will name it "Test".
- Now make a new look in the Programmer select colour "Magenta" and position "Down".
- Record a 2<sup>nd</sup> Cue on the Playback by pressing REC and then pressing the S button above the Playback.

	<ul> <li>Configuration of the second sec</li></ul>	11 17:03:02 2011 Ve d Alpha	1.4.9.2 Build 240	θλ	Recorded Cue id 2.00 on Playback 1 >						
PB1 Test 1.00 2.00	(2) PB2	PB3	PB4	PB5	PB6	PB7	PB8	PB9	PB10		
3		S	S		<u>S</u>	S	S	S	S		

- The Cue Stack now indicates (2) in the top right corner to show you have 2 Cues and it also shows the Ids of the current Cue (1.00) and the next Cue (2.00).
- Press the CLEAR button to clear the Programmer. Raise the fader of the Playback the Cue Stack will run. If you are in normal mode it will default to a chase. If you are in Hog II Warp then it will default to a timed cue Stack and you must press the GO (>) button to step between the 2 steps.
- Double click the S button of the Playback to open the Cue Stack Window for that Playback.

VIEW CUE STACK	VIEW OPTIONS	VIEW DEFAULTS	CHOOSE CUE STACK	VIEW	12.20	DTO UE	PRELOAD CUE	MARK CUE	CHASE TIMING		cue Iming	RENUM CUE IDS	REMOVE CUE
View	CUE STACK (CS38: Test) Status Cue id Cue text Wait Halt Delay Fade Cue Next cue Timing Track Zero old HTP								Zero old HTP	Position			
Mode -	•	1.00		Chase	No	Chase	1997	Q51 Test	Next	Chase	L	Yes	Speed 1.80s 33
Default		2.00		Chase	No	Chase	Chase	Q52	1.00	Chase	L	Yes	BPM
Display Current Cue Off	End (0.00s)							1					next attrib Scroll Window

- It is possible to change between a Chase and Cue Timing using the CHASE TIMING and CUE TIMING top soft buttons.
- To name the individual steps double click on the Cue Text field and enter a name.