



Preliminary specification

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maxim the defining principle of Lighting!

New from LSC Lighting Systems is a powerful, easy to use range of control desks. Combining the right mix of functions, large memory capacity, reliability and elegant design, the **maxim** is destined to lead the industry as the choice control desk for theatre, events, touring shows and rental companies.

maxim principles

- Five models in this fader based desk range to suit most user applications.
- Single preset and two preset fader operation.
- Fully proportional softpatch out to 512 output channels on MAX/S & MAX/M models. Possibility to patch all 512 channels to one fader.
- Fully proportional softpatch out to 1024 output channels on MAX/L, MAX/XL and MAX/XXL models.
- 25 x 7 dot LED main display for information and status readouts. Messages are scrolled across display for effective reporting.
- Electronic labelling function for naming any Scene, Chase, Stack and steps of Stacks.
- Multi-page SGVA colour video output displaying desk status, memories, patches, text and help menus.
- Stack playback master and effects buttons for full control of sequences including Autolink.
- Each step of a Stack can be recorded as a Scene, Chase, Channel or a Snapshot of the output.
- Delays can be inserted between steps of a Stack.
- Up to 500 steps of a Stack can be recorded with true dipless crossfade.
- Individual In (Up) and Out (Down) fade times, programmable for every Scene and every step of a Stack, controlled from dedicated faders or edit wheel.
- Crossfade or snap steps on individual Chases.
- Up to 250 steps of a Chase can be recorded as Channels, Scenes or a Snapshot of the output.
- Nine pages of non-volatile memory.
- Scenes and Chases can be run concurrently on lower bank of preset faders on all models.
- Scenes and Chases can be run concurrently also on the bank of Submaster faders on the MAX/L, MAX/XL and MAX/XXL models.

- Nine pages of non-volatile memory for Submasters on MAX/L, MAX/XL and MAX/XXL models.
- Plug-in **PATPAD** Moving Light Module for MAX/L, MAX/XL and MAX/XXL models. Refer PATPAD FEATURE section for capabilities.
- Full edit facilities to allow modifying fade and speed times, channel levels, text labels, addition or removal of steps and patch allocations.
- Editing can be permanent or run-time only.
- Off-line editing facility for all stored memories. Future release.
- Power "brown-out" protection.
- Floppy Disk for show back-up. Optional on MAX/S and MAX/M models.
- Software upgradeable via eLINK module or by Floppy Disk.
- Slim line construction, with heavy duty compressed rubber sides, strong metal chassis with durable polycarbonate rear-screened outer panel.

patpad principles

- Analog resistive touch-sensitive Pad with Graphical Positioning System (GPS).
- Active Pad area measures 148 x 148mm
- Full LTP control of fixture parameters.
- Individual virtual selection buttons for up to 20 fixtures.
- Virtual wheels for adjusting fixture parameters.
- Virtual wheels for dedicated Pan and Tilt adjustments.
- Virtual function buttons providing full set-up and group selection functions.
- Fully retrofittable to standard MAX/L, MAX/XL and MAX/XXL models.
- Floppy Disk provided to upload advanced software for PATPAD operation.

maXim lighting desks - PRELIMINARY TECHNICAL SPECIFICATIONS

	S	M	L	XL	XXL
DMX512 Output Channels	512	512	1024	1024	1024
Fader Channels – single preset	24	48	72	96	120
Fader Channels – two preset	12	24	36	48	60
Pages of Memories	9	9	9	9	9
Page Freeze	Yes	Yes	Yes	Yes	Yes
Submasters	No	No	6	18	30
Pages of Submasters	N/A	N/A	9	9	9
Maximum number of Scenes*	108	216	378	594	810
Maximum number of Chases*	108	216	378	594	810
Steps per Chase*	250	250	250	250	250
Chase speed	0-999BPM	0-999BPM	0-999BPM	0-999BPM	0-999BPM
Base Step Chase function	Yes	Yes	Yes	Yes	Yes
Maximum number of Stacks*	12	24	36	48	60
Steps per Stack*	500	500	500	500	500
PATPAD Moving Light Module	N/A	N/A	Optional	Optional	Optional
Fully proportional Softpatch	Yes	Yes	Yes	Yes	Yes
In fade times	0-999sec	0-999sec	0-999sec	0-999sec	0-999sec
Out fade times	0-999sec	0-999sec	0-999sec	0-999sec	0-999sec
Add/Kill function & level control	Yes	Yes	Yes	Yes	Yes
Grab Master	Yes	Yes	N/A	N/A	N/A
Sub-Bank Master	N/A	N/A	Yes	Yes	Yes
Sound to Light sources	2	2	2	2	2
Electronic labelling	Yes	Yes	Yes	Yes	Yes
Memory Expansion Ports	Yes	Yes	Yes	Yes	Yes
12" Halogen Desk Light Port	1	1	2	2	2
SVGA Colour Video output	Optional	Optional	Standard	Standard	Standard
3.5" Floppy Disk Back up unit	Optional	Optional	Standard	Standard	Standard
Dimensions – Height (mm)	120	120	145	145	145
- Width (mm)	554	770	831	1048	1264
- Depth (mm)	380	380	500	500	500
Weight - packed (kgs)	9.0	13.0	26.0	32.0	38.0

All features (*) are subject to memory availability and whether Memory Expansion Module is fitted. LSC Lighting Systems reserves the right to change specifications without prior notice.

maXim ordering codes

MAX/S	maXim Lighting Desk 24 faders, 512 DMX channels, no options fitted.	MAX/XLP	maXim Lighting Desk 96 faders, 1024 DMX channels, 18 submasters, fitted with PATPAD module, VGA video output and 3.5" floppy Disk Drive backup unit.
MAX/SV	maXim Lighting Desk 24 faders, 512 DMX channels, fitted with VGA video output and 3.5" floppy Disk Drive backup unit.	MAX/XXL	maXim Lighting Desk 120 faders, 1024 DMX channels, 30 submasters, fitted with VGA video output and 3.5" floppy Disk Drive backup unit.
MAX/M	maXim Lighting Desk 48 faders, 512 DMX channels, no options fitted.	MAX/XXLP	maXim Lighting Desk 120 faders, 1024 DMX channels, 30 submasters, fitted with PATPAD module, VGA video output and 3.5" floppy Disk Drive backup unit.
MAX/MV	maXim Lighting Desk 48 faders, 512 DMX channels, fitted with VGA video output and 3.5" floppy Disk Drive backup unit.	OPTIONS	
MAX/L	maXim Lighting Desk 72 faders, 1024 DMX channels, 6 submasters, fitted with VGA video output and 3.5" floppy Disk Drive backup unit.	MAXLITE	12" Gooseneck Desk Light for maXim desks.
MAX/LP	maXim Lighting Desk 72 faders, 1024 DMX channels, 6 submasters, fitted with PATPAD module, VGA video output and 3.5" floppy Disk Drive backup unit.	MAX/V	Video and Disk Drive add-on Pack for MAX/S and MAX/M desks.
MAX/XL	maXim Lighting Desk 96 faders, 1024 DMX channels, 18 submasters, fitted with VGA video output and 3.5" floppy Disk Drive backup unit.	MAX/P	maXim PATPAD Moving Light Module. Not available on MAX/S and MAX/M desks.
		MAX/E	maXim Memory Expansion Module.

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