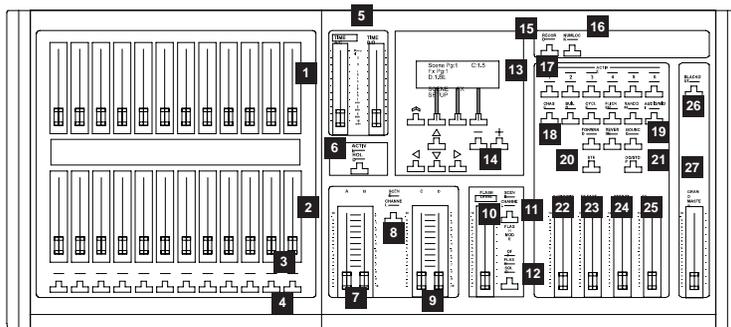


# MX™

## 12, 24 & 48 channels

- ❑ 2-scene preset manual console with memory
- ❑ Ideal for smaller venues which require basic memory capabilities and special effects
- ❑ 12, 24 or 48 channels, maximum 512 dimmers
- ❑ Lightweight and portable
- ❑ LCD menu and data screen with choice of English, French or German language
- ❑ Optional video terminal display
- ❑ Manual, timed and recorded timed crossfades
- ❑ Individual flash button per channel with master
- ❑ 4 'pages' of memories
- ❑ 24 programmable effects
- ❑ Two proportional channel/dimmer patches
- ❑ Software selectable multiplex dimmer protocols: DMX, AMX, D54, SMX
- ❑ MIDI interface for automated effects and system expansion
- ❑ Optional memory storage card
- ❑ Printer output
- ❑ Power supply included
- ❑ Can be used for 120 - 240V operation with appropriate power supply



1. Preset A faders
2. Preset B faders (in channel mode)
3. Channel / scene LED displays
4. Channel / scene flash buttons
5. Twin fader time controls
6. Hold controls for A faders
7. A/B crossfaders with LED
8. Channel / scene mode control
9. C/D crossfaders with LED control fader bar graph
10. Master flash level fader
11. Channel / scene mode control
12. Flash to level or solo flash
13. LCD display window
14. Display cursor and menu controls scene masters (in scene mode)
15. Record mode selector
16. Number lock for keypad
17. Effect controls and LEDs
18. Effect type selectors with LEDs
19. Effect direction controls with LED
20. Manual step control for effects bar graph
21. Effects go / stop control
22. Audio sensitivity or MIDI tempo
23. Effect fade in / out time fader
24. Effect step time fader
25. Effects master control selector
26. Blackout switch with LED
27. Grand Master

### Mechanical & environmental data

Operating temp	0° to +35°C (32° - 95°F).
Relative Humidity	10% - 95% (non-condensing).
IP Rating	IP20
Construction	Custom designed injection molded case in dark grey, with matching fader knobs and push buttons.
Case	The MX control panels fit into an extruded aluminium chassis in matching grey, with four rubber feet.

### Weights and Dimensions

	MX12	MX24	MX48
<b>Weight</b>	4.3kg (9.5lb)	5.7kg (12.5lb)	8.9kg (19.6lb)
<b>Length</b>	651.0mm (25.6")	912.0mm (35.9")	822.0mm (32.4")
<b>Width</b>	285.0mm (11.2")	285.0mm (11.2")	545.0mm (21.4")
<b>Height</b>	65.0mm (2.6")	65.0mm (2.6")	137.0mm (5.4")
<b>Packed Weight</b>	6.1kg (13.4lb)	83.0kg (18.3lb)	12.7kg (28lb)

## MX 12

Portable 12 channel memory console with 48 memories (4 pages of 12), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

## MX 24

Portable 24 channel memory console with 96 memories (4 pages of 24), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

## MX 48

Portable 48 channel double height memory control console with 192 memories (4 pages of 48), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

## Technical specifications

### Supply input

-18V DC  $\pm$  10% 800mA

### Multiplexed dimmer outputs

DMX: 5-pin XLR - Female

AMX: 4-pin XLR - Male

D54: 3-pin XLR - Female

### MIDI

in: 5-pin DIN socket (180°)

thru: 5-pin DIN socket (180°)

out: 5-pin DIN socket (180°)

### Terminal display and printer

EIA-RS232 25-pin D-type socket

### Standards compliance

Designed to conform to SELV.

## Ordering information

### Cat No Description

64112 MX12, 12 Channel Console  
UK style psu

64212 MX12, 12 Channel Console  
EC style psu

64124 MX24, 24 Channel console  
UK style psu

64224 MX24, 24 Channel console  
EC style psu

64148 MX48, 48 Channel console  
UK style psu

64248 MX48, 48 Channel console  
EC style psu

### MX Accessories

66112 Terminal display, 14"

66113 Terminal cable

66114 Memory card, 64kB

65009 Demultiplexer, 24 channel

66083 DMX control cable, 2m

66081 DMX control cable, 10m

66082 DMX control cable, 25m

## Operational data

### Dimmers

The console is capable of controlling up to 512 dimmers over multiplexed control lines. DMX512, AMX192 and D54 protocols are all included as standard, and are software selectable.

### Patch Tables

Two software-controlled patch tables are available to link any dimmer or group of dimmers to a single channel. Additionally every dimmer may be set with a level which is proportional to the controlling channel.

### Cue Storage

Capacity is related to channel size.

MX12: 48 scenes (12 x 4 pages) MX24: 96 scenes (24 x 4 pages) MX48: 192 scenes (48 x 4 pages)

### Memory Retention

One month without power (by internal rechargeable batteries.) MX can distinguish between being turned off and loss of power. If switched off a series of diagnostic tests will be run before the desk is operational. After power loss the desk is restored to the same state, including running effects and timed fades, as it was prior to power failure.

### Library

A 64kB memory card can store the entire MX memory, or selectively record scenes, effects, patch tables and setup data.

### Display

An integral 4 x 20 backlit LCD display provides access to setup information, and preview and modification of recorded states and effects. The terminal display option can show output, scene memory, held memory and patch details.

### MIDI

Interface allows use with other MIDI equipment, such as sequencers for external playback control, or other MX consoles, for slave or back-up operations.

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