

# MANTRA WING

## ***Expansion Wing for the Mantra Lite Console***



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## 1 Overview

The Mantra Wing is an accessory for the Mantra Lite lighting console and it only operates with the Mantra Lite console. A maximum of 2 Mantra Wings can be connected to a Mantra Lite console.

- Connecting a Mantra Wing provides control of an additional 12 lighting fixtures (25-36) and a further 10 playbacks (11-20), with 10 pages of memory, as well as a second DMX512 universe (U2) output.
- Connecting a second Mantra Wing provides control of an additional 12 fixtures (37-48) and a further 10 playbacks (21-30), with 10 pages of memory, as well as a third DMX512 universe (U3) output.

## 2 Get Connected

Your new Mantra Wing will only operate if your Mantra Lite is running software version 1.20 (or higher).

To check the version of software your Mantra Lite is running, on the touch screen select **Tools/Setup/About**.

On the internet navigate to <http://www.bitly.com/MantraFW>.

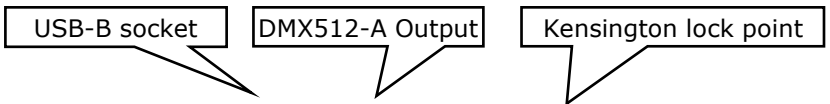
Download and save the latest version of Mantra Software to a USB stick then insert the stick into your Mantra Lite then on the Touch screen select **Tools/Setup/Update Firmware**.

Follow the instructions to update your Mantra Lite. Check the "About" page again to make sure it is installed properly.

Mantra Wings are connected to the Mantra Lite console by a USB A-B cable (supplied).



*Mantra Lite Rear Panel*





Mantra Wing Rear Panel

### 3 Front Panel

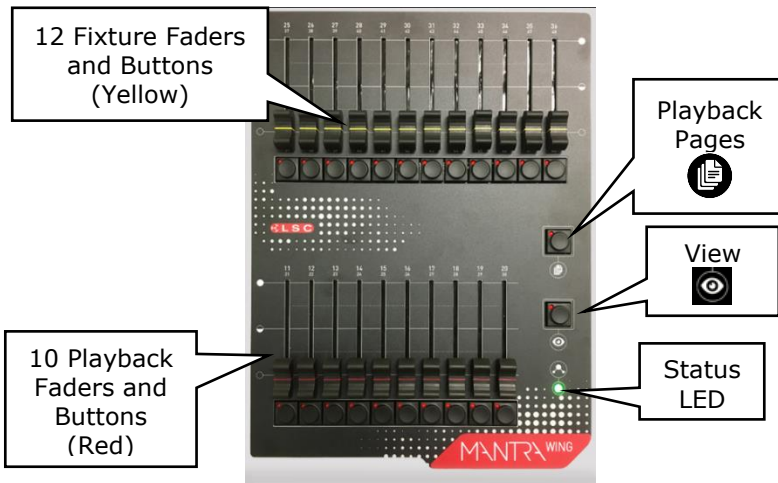
#### 3.1 Status LED

When a single wing is connected to a Mantra Lite console, its "Status" LED turns **Green**. This indicates:

- Yellow faders/buttons control fixtures 25-36.
- Red faders/buttons control playbacks 11-20.
- The output from its DMX connector is Universe 2.

When a second wing is connected to a Mantra Lite console, its "Status" LED turns **Blue**. This indicates:

- Yellow faders/buttons control fixtures 37-48.
- Red faders/buttons control playbacks 21-30.
- The output from its DMX connector is Universe 3.



If the console has had two wings connected, the wing assignments (Green or Blue) are retained when the console is switched off.

If the console is switched on with the two wings already connected it will keep the original assignments.

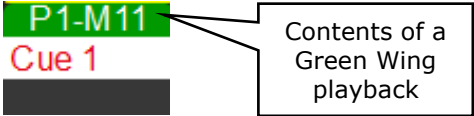
If the console is switched on without any wings connected it will assign *Green* status to the first wing to be connected.

**3.1.1 Faderns/Buttons**

The yellow fixture faders/buttons and the red playback faders/buttons operate in the same way as on the Mantra Lite console. Refer to the Mantra Lite documentation for details.

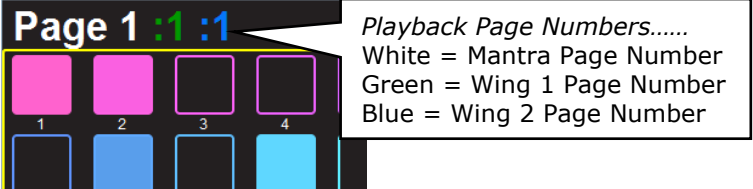
**3.1.2 View Button**

Recording a cue(s) on any of the wing’s red playbacks shows see the contents of those playbacks on the Mantra screen. Press and hold the “View” button to momentarily view. Double tap “View” to latch the display. Single tap to release.



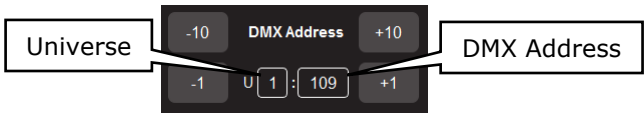
**3.1.3 Page Button**

The “Page” button changes the memory pages for red playbacks. The current page number for each wing is shown at the top of the “Home” page on the Mantra Lite console.



**3.2 DMX Universes**

Fixtures are patched to DMX universes via the Mantra Lite “Patch” screen. If the DMX address is incremented above 512 the universe automatically increments to the next universe. Alternately you can touch in the universe pane and enter a universe number using the pop up keyboard.



**4 CE & C Tick Compliance Statement**

The Mantra Lite range of lighting control desks from LSC Control Systems has been designed and tested to the European Committee



for Electrotechnical Standardization (CENELEC) standard – EN55022 (Information Technology Equipment).

All LSC products with CE Compliance automatically comply with C-Tick requirements as per Section 182 of the Radio communications Act 1992. LSC Company Registration number is N921.

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