Expansion Wing
for the MantraLite Console

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1 Overview

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

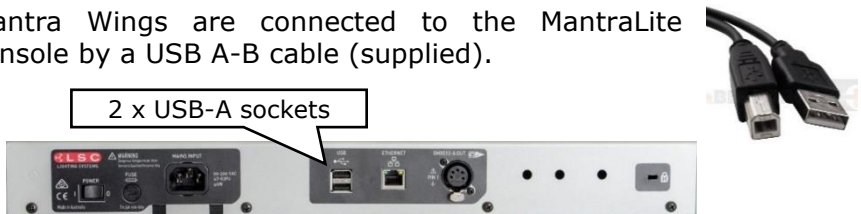Your new Mantra Wing will only operate if your MantraLite is running software version 1.20 (or higher).

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

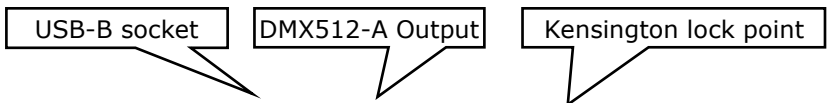On the internet navigate to http://www.bitly.com/MantraFW. Download and save the latest version of Mantra Software to a USB stick then insert the stick into your MantraLite then on the Touch screen select **Tools**/**Setup**/**Update Firmware**.

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

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

2 x USB-A sockets

MantraLite Rear Panel

USB-B socket DMX512-A Output Kensington lock point
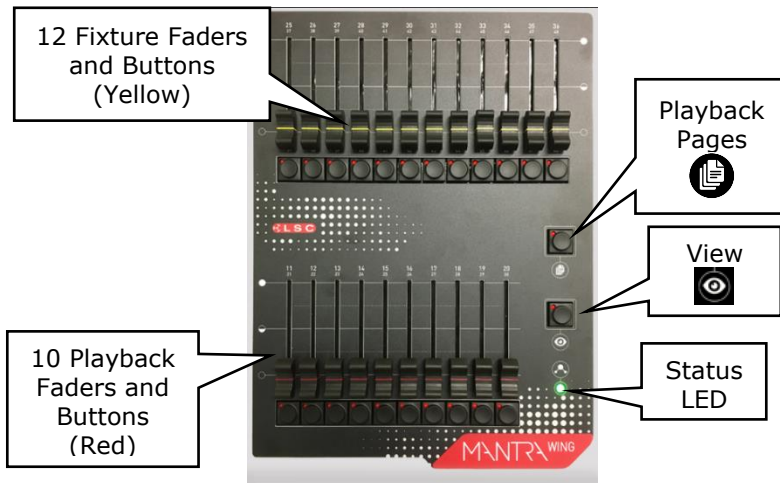
Mantra Wing Rear Panel

3   Front Panel

3.1   Status LED

When a single wing is connected to a MantraLite 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 MantraLite 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.
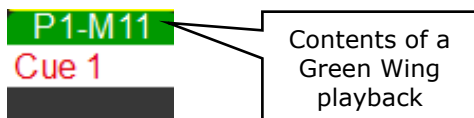
If the console is switched on <u>without any wings connected</u> it will assign *Green* status to the <u>first wing to be connected</u>.

3.1.1   Faders/Buttons

The yellow fixture faders/buttons and the red playback faders/buttons operate in the same way as on the MantraLite console. Refer to the MantraLite documentation for details.
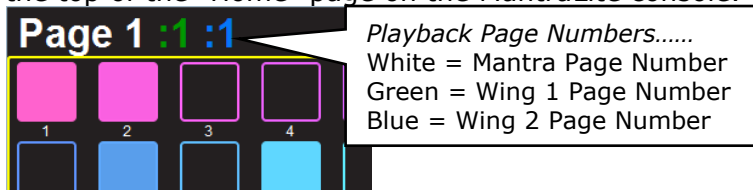
3.1.2   View Button

Recording a cue(s) on any of the wing's red playbacks shows see the contents of those playbacks on the Mantra screen. <u>Press and hold</u> the 👁 "View" button to <u>momentarily</u> view. <u>Double tap</u> 👁 "View" to <u>latch</u> the display. Single tap to release.
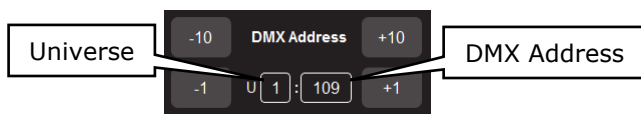
Contents of a Green Wing playback

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 MantraLite console.

Playback Page Numbers……
White = Mantra Page Number
Green = Wing 1 Page Number
Blue = Wing 2 Page Number

3.2   DMX Universes

Fixtures are patched to DMX universes via the MantraLite "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.

Universe

DMX Address

4   CE & C Tick Compliance Statement

The MantraLite 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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