

The Creamsource SpaceX is a 1200W, full colour (RGBWA) LED softlight fixture with continuous colour adjustment from 2200K up to 15000K, including full control of Green/Magenta axis. Wireless DMX is built in using the LumenRadio system

Please take the time to read this manual before using your Creamsource Space X. This will give you a good understanding of the full functionality and capabilities.

PART NUMBERS

The table below lists part numbers for the Creamsource Space X system

Part Number	Description
CSX-1200-C	Creamsource SpaceX Luminaire, 1200W with full colour mixing. Power Supply is built into the unit



WARNINGS



High power LED light is emitted from this product. Do not stare directly into the beam, permanent eye damage could result



Case can get hot during normal operation. Please take care when handling unit. Maximum Surface Temperature $T_c = 70$ deg C



Fixture has dangerous voltages inside. Do not open.



Falling hazard - make sure unit is properly secured and all three rigging chains are attached



If the external flexible cable of this luminaire is damaged, it must be replaced by an original cable from the manufacturer or service agent.

COMPLIANCE NOTES

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.



Please make sure discarded electrical waste is properly recycled to reduce environmental impact. Please use a separate collection facility or contact the supplier from which this fixture was purchased

CONTROLLING THE SPACE X

There are four different ways of controlling the fixture, which are detailed below.

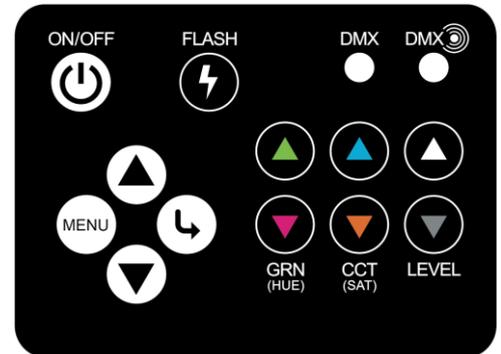
- 1 On-board keypad and display
- 2 Wired DMX
- 3 Wireless DMX using inbuilt Lumen Radio system
- 4 Wired remote dimmer control (sold separately)

ON-BOARD KEYPAD AND DISPLAY

All settings and configuration can be done using the on-board keypad and OLED display.

Dedicated buttons:

- ON/OFF** - Press to turn light on and off
FLASH - Flashes light on or off when held down
LEVEL - Adjusts intensity from 0 to 100%
CCT (SAT) - Adjusts CCT from 2200K to 15000K. Also controls Saturation when in HSV mode
GRN (HUE) - Adjust Green/Magenta bias from Full Minus Green to Full Green (-100 to 100 on display). Also controls Hue when in HSV mode



To access the menu system, press MENU button, then:

- MENU** - Press to go back a menu level.
➔ Select - Press to accept current menu item or setting
⬆ Up - Press to scroll up, or increase setting value. Hold to scroll quickly
⬇ Down - Press to scroll down, or decrease setting value. Hold to scroll quickly

Indicator LEDs:

- DMX** - Flashes yellow rapidly when DMX signal is present
DMX))) - Flashes blue rapidly when wireless DMX signal is present

MENU FUNCTIONS

The table below outlines all the menu items and a brief description of their function, for firmware V1.4.7 and above

COLOUR MODE	➔ Normal - CCT	➔ Switch to CCT mode to produce white light with CCT and GRN/MAG control
	➔ Colour - HSV	➔ Switch to HSV mode to produce colours with Hue and Saturation control
EFFECTS MODE	➔ NO EFFECT	➔ Turn off effects
	➔ Strobe	➔ Switch to strobe mode
	➔ Random	➔ Switch to Random Flashing mode
	➔ Colour Cycle	➔ Switch to Colour Cycle mode
	➔ Calibrate Sync	➔ Switch to Calibrate Sync Mode
PRESET	➔ 2700K	➔ Set colour temperature to 2700K, GRN/MAG to 0
	➔ 3200K	➔ Set colour temperature to 3200K, GRN/MAG to 0
	➔ 4500K	➔ Set colour temperature to 4500K, GRN/MAG to 0
	➔ 5600K	➔ Set colour temperature to 5600K, GRN/MAG to 0
	➔ 6500K	➔ Set colour temperature to 6500K, GRN/MAG to 0
DMX Address	➔	⬆ Use UP/DOWN arrow keys to set DMX address from 1 to 494 (<512 to allow for all channels to be patched) ⬇
DMX Scenario	➔	⬆ Use UP/DOWN arrow keys to set DMX Scenario from 1 to 10 (see DMX implementation tables for complete description of different scenarios) ⬇
Boost Brightness	➔	Boost Brightness allows for increased light output when unit is running at low temperatures. When Boost Brightness is NOT enabled, the output level of the light is restricted to that of the normal 'HOT' running temperature of the light, even if the light is running cooler than normal. This prevents 'output droop' as the unit heats up
FAN MODE	➔ Auto	➔ Fans speed is variable depending on temperature
	➔ Quiet	➔ Fans will constantly run at lowest speed
	➔ Medium	➔ Fans will constantly run a medium speed
	➔ High	➔ Fans will constantly run at high speed
	➔ Pause	➔ Fans will stop running, until maximum temperature is reached - then will run in Quiet mode
Advanced	➔ LumenRadio Unlink	➔ Select this to unlink Lumen Radio from transmitter
	➔ LumenRadio Enabled	➔ Lumen Radio Receiver can be enabled or disabled
	➔ High Speed	➔ Enable High Speed Mode – this increases the PWM frequency of the unit to allow fast frame rate shooting (up to 2,000fps). The drawback of using High Speed mode is that the dimming and colour changing of the unit becomes less fluid and smooth. When disabled, frame rates of up to 500fps are achievable.
	➔ DMX Terminated	➔ Enable to terminate DMX line with 120R resistor internally. The last fixture in the DMX chain should have this option selected
	➔ Display Always On	➔ If this is not enabled, then the OLED display will switch off after a period of no key-presses, to lengthen it's lifespan and prevent screen burn-in
	➔ Information	➔ Displays information screen with serial number, temperatures, unit run-hours and other vital statistics
	➔ Restore Defaults	➔ Restores user defaults including DMX address, Scenario and other settings

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WIRED DMX CONTROL

Standard 5 pin XLR connectors are located on the back of the unit.

When a valid DMX signal is detected, the yellow DMX indicator LED will flash on the rear of the unit and the keypad controls for the light are disabled. These are restored several seconds after loss of DMX signal. After around 15 seconds of valid DMX input the OLED Display will power off automatically – press any key on the keypad to turn it back on again.

The desired DMX address can be selected from the main menu. Please see the DMX Implementation Tables for more information about the channel mapping options.

As with all DMX installations, the last unit in the chain should be terminated. This can be done through the menu system, by selecting MENU->Advanced->DMX Terminated.

WIRELESS DMX CONTROL

Every Space X unit has built in Wireless DMX control using the Lumen Radio system.

When a valid wireless DMX signal is present, the blue indicator LED will flash rapidly. The current signal level will also be displayed on the top status area of the OLED screen

After around 15 seconds of valid DMX input the OLED Display will power off automatically – press any key on the keypad to turn it back on again.

If wired DMX is connected at the same time as the Wireless DMX is receiving data, then the wired connection will take control.

The DMX address and scenario should be set in the same manner as for wired DMX.

To unlink the Lumen Radio module, go to *Menu->Advanced->Unlink Lumen*

Please see Lumen Radio documentation for more information about the wireless DMX system.

WIRED REMOTE DIMMER

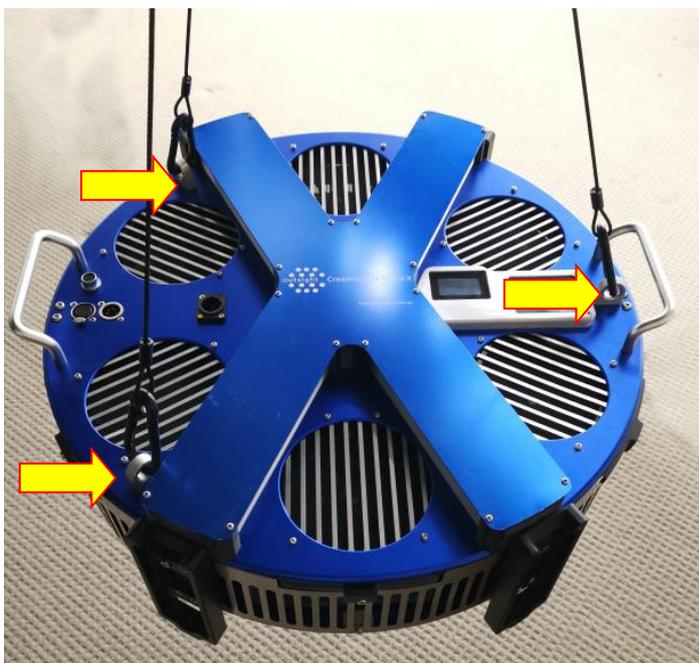
The wired remote dimmer plugs into the 7 pin Accessory connector on the back of the unit. This will allow limited access to the menu system of the unit for setup and also control of levels, cct, green/mag, hue, saturation and DMX address/Scenario.

RIGGING

Three rigging points are provided for attachment of the correctly rated safety cables to hang the unit. Make sure to use cables rated to withstand the full weight of the unit: 18kg



Ensure that mounting point is safe and secure and is rated to take the full unit weight



SILK SKIRT ATTACHEMENT

Three spigots are provided for attachment a silk and/or black skirt to the underside of the unit.

SPECIFICATIONS FOR FIXTURE

Model Number	CSX-1200-C
Input	100-250V AC, 50-60Hz, Max 16A
Maximum Ambient Temperature	40°C
Cooling	Variable Speed Low Noise Fans
Weight	18kg
Protection Class	IP20