ASTRA 1X1

DMX Control Modules

These instructions are provided to assure safe operation and to prolong the life of your Litepanels product. Please read these important instructions and keep them in a safe place.

- Clean the module with a dry cloth only.
- Install the Module in accordance with the manufacturer's instructions.
- Modules are only useable for Litepanels Astra family products.
- Do not place near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- WARNING: To reduce the risk of fire or electric shock, do not expose the fixtures to rain, moisture or other liquids.
- Service is required when the apparatus has been damaged in any way such as:
  - LCD display is cracked/not clear, or the text is not readable
  - Liquid spilled into the apparatus.
  - The unit has been exposed to rain or moisture.
  - The unit has been dropped or the enclosure is damaged.
  - The unit does not operate normally or performance changes in any significant way.

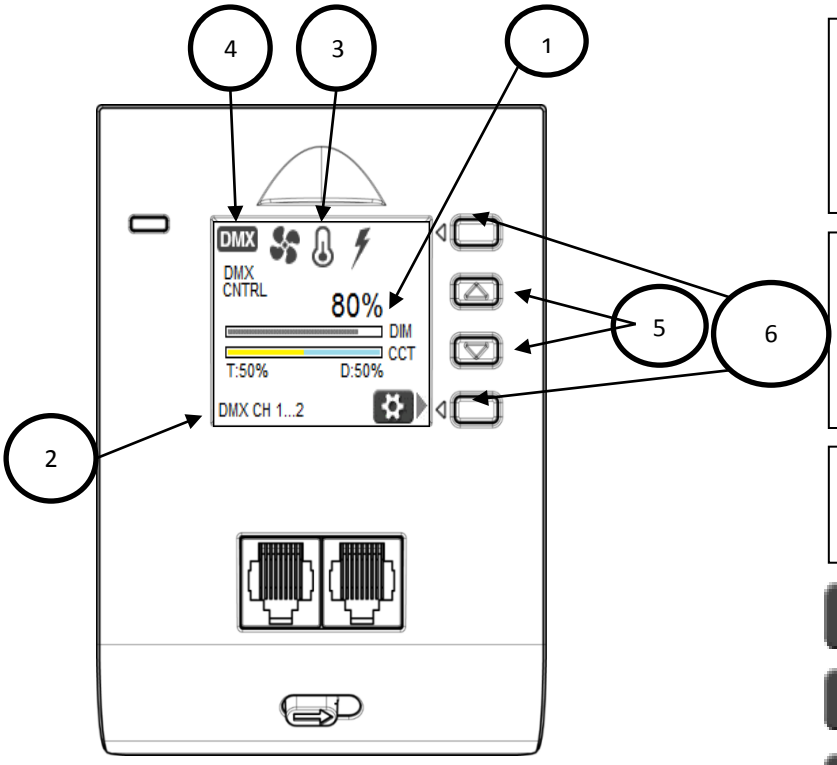
Mounting Instructions

Remove the communications module well cover on the rear panel of the Astra. This also exposes the fan control switch on the right inner side.
Up position is FAN ON/AUTO mode. Down position is Fan OFF.

However, attaching a communication module automatically overrides the function of the manual fan switch. To connect the communications module you just slide it into place and then push it up until it locks. The boot-up screen is the Litepanels logo and then it changes into the home screen after it has completed boot-up.

Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com

(Illustration shows the Astra 1x1 DMX Module with RJ45 jacks.)



The home screen gives you information regarding intensity output and color temperature setting #1. On the bottom of the screen you can see the DMX channels the module is currently set at #2.

The home screen shows icons at the top: an icon for the fan, temperature, and power #3. The top left hand corner is reserved for a DMX icon. When a valid DMX signal is received this icon will pop up #4.

You have an up and down button #5, and then two soft keys #6, as defined by the screen icon

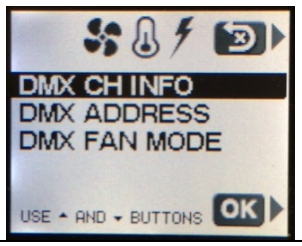
Press to enter the Tools or Settings Menu in the lower RH

"Confirm" or "Save" in the lower RH corner

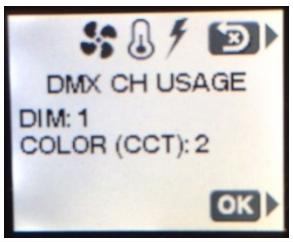
"Cancel" or "Back" in the upper RH corner

Tools Settings – View DMX Settings

Enter into TOOLS settings . Press Up or Down button to highlight DMX SETTINGS. Press OK



Press Up or Down button to highlight DMX CHANNEL INFO. Press OK

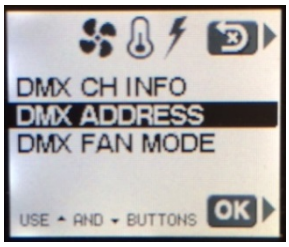


Displays which DMX Channel is controlling which function. Press BACK

Litepanels®
A Vitec Group brand

Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com

Tools Settings – Edit DMX Settings



Press Up or Down button to highlight DMX ADDRESS. Press OK

Displays which DMX Channel is controlling which function. Press OK to go to HOME screen

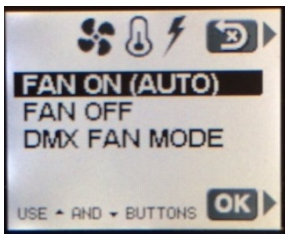
Press UP/DOWN buttons to select the DMX Channel & press OK to save.

In DMX FAN control mode, remote DMX values between 0 and 50% turn the fan to auto. Remote DMX values between 51 and 100% turn the fan off. The default mode is to have the fan on and you actively have to turn the fan off.

You also can reach that same menu via fan settings from the setting: fan on, fan off, DMX fan mode. It's just another shortcut.

Tools Settings – FAN Settings

Enter into TOOLS settings ⚙. Press Up or Down button to highlight FAN SETTINGS. Press OK

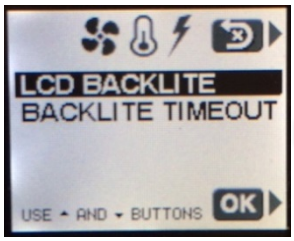


FAN AUTO is the default recommended setting. This is the optimal setting for automatic fan cooling control. FAN OFF mode turns the fan off (this reduces the light output by 50% for the standard ASTRA model only). DMX FAN mode (on or off) adds a 3rd DMX channel option, to be able to control the fan remotely. Press OK

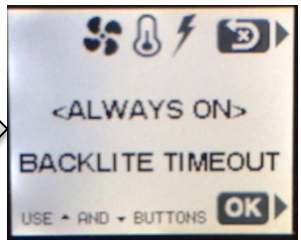
Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com

Tools Settings – DISPLAY Settings

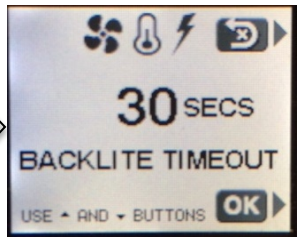
Enter into TOOLS settings ⚙. Press Up or Down button to highlight DISPLAY (LCD). Press OK



Press Up or Down button to highlight LCD BACKLITE. Press OK



Displays ALWAYS ON or ALWAYS OFF. Toggle between options using up/down button. Press BACK.



Enter into BACKLITE TIMEOUT menu . Press OK. Press Up or Down button to increase/decrease timeout period as required. Press OK

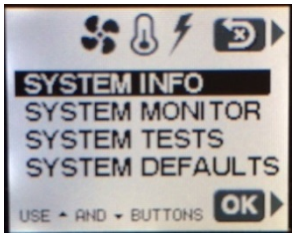
In DISPLAY SETTINGS you can change the intensity of the back light, or change the timeout from always on to 30, 20, 10 seconds. As soon as you touch a control knob/button on the light the screen will pop back up for the set display time period.

Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com

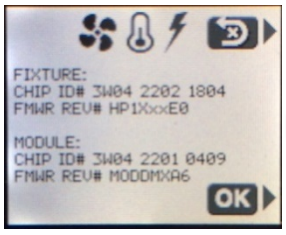
Litepanels®

Tools Settings – SYSTEM Settings

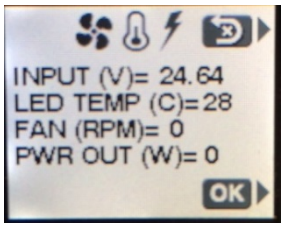
Enter into TOOLS settings ⚙. Press Up or Down button to highlight SYSTEM. Press OK



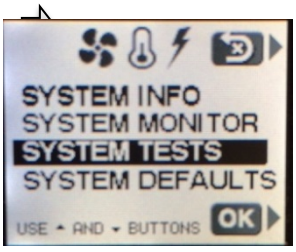
Press Up or Down button to highlight SYSTEM INFO. Press OK



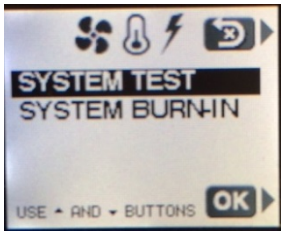
Displays the Light system information and firmware revision. Press BACK.



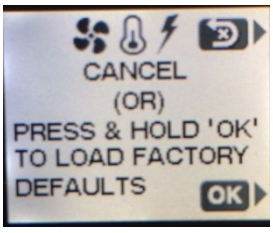
Enter into SYSTEM MONITOR menu . Press OK. This now displays the current functional state of the light . Press BACK



Press Up or Down button to highlight SYSTEM TESTS. This is normally only used by the QA & Service departments, but you can run them if you have issues. Press OK



Press OK on SYSTEM TEST, and the light will run self-diagnostics. In less than 1 minute the display will give PASS or FAIL result. If a failure should occur, run the test again to make sure it is not an anomaly. If it fails again, contact your local service dep't. SYSTEM BURN-IN is usually run after a repair has been completed. Press BACK.



Enter into SYSTEM DEFAULTS menu . Press OK. This now gives you the choice to return to factory settings. Once complete Press BACK or OK

The SYSTEM SETTINGS menu allows you to check for systems information, giving you firmware version and chip IDs. You can monitor the system input voltage, temperature, power out and fan RPM.

For Service or Rental operations there is a "SYSTEM TEST". That will allow you to run through a series or procedures that the screen walks you through, to basically troubleshoot the unit.

Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com

In case an issue arises with any of the main icon functions, e.g. a low powered battery -the corresponding icon turns red and a question mark comes up in the top right hand corner. Selecting the button next to the question mark icon will show on the screen what the issue is, in this case low input voltage due to an empty battery.

The same is true when the fixture goes into over temperature mode. The thermometer icon will turn red and the question mark will pop up. Same happens if the FAN turns red and information on the failure will show on the screen.

DMX 5 PIN XLR MODULE

All the same instructions apply to the 5 Pin XLR version of the communications modules, other than this module has a TERMINATION switch. UP is ON and Down OFF.

When switched ON, this indicates that this module is being used in the last in-line light fixture in the DMX string. The unit will probably function if it is not switched on, however the DMX signal is not as robust and in some circumstances, remote control problems may occur. It is recommended to be used.

The other difference is that the RH 5 pin XLR jack is the input and the LH is the output (to the next light in the chain).

Congratulations on your new Astra and communications module. Please visit us at www.litepanels.com for more information or any questions you might have and don't forget register your product.

Please visit us online at
http://www.litepanels.com
and register your product

Vitec Videocom - Litepanels
info@vitecvideocom.com
www.litepanels.com