

### USER MENU GUIDE

**IMPORTANT:** Please note that all the default settings are highlighted in a grey colour.

Battery display: Long-press the Middle button for holding 3 seconds without connecting the power to set the menu parameter.

Web server: The password is cp1234.

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
SET UP	DMX Address	→	→	001-512	
	Channel Mode	→	→	Standard	
				Sharpy	
				Sharpy Extended	
	Ethernet Interface	Source	→	DMX	
				Art-Net	
		Custom IP Address		IP address byte 1	000-255
				IP address byte 2	000-255
				IP address byte 3	000-255
				IP address byte 4	000-255
		Custom IP Mask		IP mask byte 1	000-255
				IP mask byte 2	000-255
				IP mask byte 3	000-255
				IP mask byte 4	000-255
	Universe		→	000-255	
	Ethernet to DMX		→	No / Yes	
	WDMX		→	Disable	
Enable					
	Reset		→	No / Yes	

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
OPTION	Lamp DMX	→	→	On / Off	
	Safety Black Out	→	→	On / Off	
	Sunsafe	→	→	On / Off	
	Sharp Emulation	→	→	On / Off	
	Pan / Tilt	Invert Pan	→	→	On / Off
		Invert Tilt	→	→	On / Off
		Swap Pan-Tilt	→	→	On / Off
		Encoder Pan-Tilt	→	→	On / Off
		P/T Homing mode	→	→	Standard Sequenced
		Pan Home Def Pos	→	→	0 degree
					90 degrees
					180 degrees
					270 degrees
		Tilt Home Def Pos	→	→	0 %
					12.5 %
					25 %
					50 %
	75 %				
	87.5 %				
	Pan/Tilt speed	→	→	Standard	
				Fast	
				Boost	
	Pan/Tilt Smooth	→	→	On / Off	
	Shutter	Shutter On Error	→	→	On / Off
	Reflection	→	→	→	On / Off
	Display	→	→	→	On / Off
	Fan Mode	→	→	→	Auto
				→	Low Noise
	Special Functions	Dimmer Curve	→	→	Linear
				→	Square
				→	Standard
	CMY curve	→	→	→	Fast
				→	On / Off
→				On / Off	
Setting	Default Preset	Reset To Default Go Back	→	Are you sure? Yes / No	
	User Preset 1	Load preset 1 Save to preset 1	→	Are you sure? Yes / No	
	User Preset 2	Load preset 2 Save to preset 2	→	Are you sure? Yes / No	
	User Preset 3	Load preset 3 Save to preset 3	→	Are you sure? Yes / No	

<b>Main Menu</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Choices / Values</b>
INFORMATION	System Errors	→	→	Read / Reset
	Fixture Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	Lamp Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	Lamp Strikes	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	System Version	Disp:	→	Vx.xx
		PT:	→	Vx.xx
		Prism:	→	Vx.xx
		CMY:	→	Vx.xx
		FOCUS:	→	Vx.xx
		FAN:	→	Vx.xx
	DMX Monitor	Channels	→	<i>Bit</i>
	Temp Monitor	Ballast Temp	→	Read
		Head Temp	→	Read
		Base Temp	→	Read
	Fans Monitor	Lamp Fan1 Speed	→	Read
		Lamp Fan2 Speed	→	Read
		Lamp Fan3 Speed	→	Read
		Out Fan Speed	→	Read
		PT Fan Speed	→	Read
		Focus Fan1 Speed	→	Read
		Focus Fan2 Speed	→	Read
		Base Fan1 Speed	→	Read
		Base Fan2 Speed	→	Read
	Network parameters	→	→	IP Address
				IP Mask
				MAC Address
	Serial Number	→	→	XXXXXXXX
	RDM UID	→	→	UID: xxxxxxxx

Main Menu	Level 1	Level 2	Level 3	Choices / Values
MANUAL CONTROL	Lamp	→	→	On / Off
	Reset	→	→	Pan / Tilt
		→	→	Head Module
		→	→	All
Channel	→	→	Bit Value	
TEST	→	→	→	Pan / Tilt
	→	→	→	Colour
	→	→	→	Beam
	→	→	→	Gobo
	→	→	→	All
ADVANCED	Access Code <u>1234</u>	Upload Firmware	<i>Transfer .....</i>	<i>Are you sure?</i> Yes / No
		Calibration	Channels	000 - 255
		Menu Locking	→	Unlock Code <u>1234</u>
		Recover	→	<i>Countdown 60s</i> <i>Are you sure?</i> Yes / No

## SET UP MENU

### Setup - DMX ADDRESS

**PLEASE NOTE: Without the DMX input signal the DMX address blinks.**

It lets you select the DMX address: A DMX address between 001 and 512 can be selected.

### Setup – CHANNEL MODE

It lets you to select channel mode: Standard, Sharpy, Sharpy Extended.

### Setup - SOURCE

It lets you to select the control protocol sources: DMX, Artnet, sACN.

### Setup - ETHERNET INTERFACE

It lets you set Ethernet settings to be assigned to the projector as indicated below:

#### Source

It lets you to select the control protocol.

#### Custom IP Address

It lets you to set the select the "IP Address" Art-net to be assigned, according to the control unit used, with values between 000 and 255.

#### Custom IP Mask

It lets you to set the select the "IP Mask" Art-net to be assigned, according to the control unit used, with values between 000 and 255.

#### Universe

It lets you assign a Universe to a series of fixtures. Values between 000 and 255.

#### Ethernet to DMX

It lets you enable or disable the transmission of the Ethernet protocol by the DMX line. When activated the master unit transfer the DMX data to all the connected fixtures.

- NO: DMX data transmission disabled.
- YES: DMX data transmission enabled.

### Setup –WDMX

It lets you to enable/disable WDMX function.

#### WDMX

It lets you enable/disable WDMX function

#### Reset

- NO: No function.
- YES: Reset the wireless module and clear the connection.

## OPTION MENU

### Option – LAMP DMX

It lets you enable (ON) the lamp remote control DMX parameter. Select OFF to turn off or disable this option.

### Option – SAFETY BLACK OUT

This allows the Dimmer's automatic lock option to be activated (ON) after 3 seconds with no incoming DMX signal. Select OFF to turn off or disable this option.

### Option – SUNSAFE

This would move the head down if the projector do not have signal for 10s. Select OFF to turn off or disable this option.

### Option – SHARPY EMULATION

This mode aligns the performance of the fixture to the classic Sharpy.

### Option – PAN/TILT

#### Invert Pan

It lets you enable (ON) Pan reverse movement. Select OFF to turn off or disable this option.

#### Invert Tilt

It lets you enable (ON) Tilt reverse movement. Select OFF to turn off or disable this option.

#### Swap Pan-Tilt

It lets you enable (ON) Pan and Tilt channel inversion (and simultaneously Pan fine and Tilt fine). Select OFF to turn off or disable this option.

#### Encoder Pan-Tilt

It lets you enable (ON) or disable (OFF) Pan and Tilt Encoder operations.

#### P/T Homing Mode

It lets you set the initial Pan and Tilt Reset mode.

- **Standard:** Pan & Tilt are simultaneously reset.
- **Sequenced:** Tilt is reset first followed by Pan.

#### Pan Home Def Pos

It lets you assign the Pan channel "home" position at the end of Reset (without a DMX input signal), selecting one from the 4 available positions:

- **0 degree**
- **90 degrees**
- **180 degrees**
- **270 degrees**

#### Tilt Home Def Pos

It lets you assign the Tilt channel "home" position at the end of Reset (without a DMX input signal), selecting one from the 7 available positions:

- **0%**
- **12.5%**
- **25%**
- **50%**
- **75%**
- **87.5%**
- **100%**

#### Pan/Tilt speed

It lets you assign the speed of Pan and Tilt, selecting one from the three available options:

- **Standard**
- **Fast**
- **Boost**

#### Pan/Tilt Smooth

It lets you assign the smooth movement of Pan and Tilt.

## OPTION MENU

### Option – SHUTTER ON ERROR

It lets you activate (ON) automatic "Stopper/Strobe" closing in the event of Pan/Tilt positioning error. Select OFF to turn off or disable this option.

### Option – REFLECTION

It allows you to activate (ON) the option that "hides" a projection reflection of the fixed Gobi wheel in some conditions of use.

### Option – DISPLAY

It lets you activate (ON) display brightness reduction after about 30 seconds in idle status. Select OFF to turn off or disable this option.

### Option – Fan Mode

It lets you select two different Fan Mode:

- **AUTO**
- **Low Noise:** 7db less in term of noise and 11% less output.

### Option – SPECIAL FUNCTIONS

#### Dimming Curve

It lets you select two different Dimming Curve:

- **Linear**
- **Square**

#### CMY Curve

It lets you select two different Dimming Curve:

- **Standard**
- **Fast**

#### CMY Shortcut

It lets you has the possibility to move CMY DMX changes from 255 to 0 instantly or from 0 to 255 instantly.

### Option – SETTING

Used to save 3 different settings of the items in the option menu and relevant submenus.

- Default preset (\*)
- User preset 1
- User preset 2
- User Preset 3
  - **Load preset 'X'** is used to recall a previously stored configuration.
  - **Save to preset 'X'** is used to save the current configuration.

(\*) DEFAULT PRESET

It lets you restore default values on all option menu items and relevant submenus.

## **INFORMATION MENU**

### **Information – SYSTEM ERRORS**

It displays a list of errors that occurred when the projector was turned on.  
To reset the SYSTEM ERRORS list, press OK. A confirmation message appears (Are you sure you want to clear error list?). Select YES to confirm reset.

### **Information – FIXTURE HOURS**

It lets you view projector working hours (total and partial).

**Total counter**

It counts the number of projector working life hours (from construction to date).

**Partial counter**

It counts the number of projector partial working life hours from the last reset to date.

Press OK to reset the partial counter. A confirmation message appears on the display (Are you sure ?)  
Select YES to confirm reset.

### **Information – LAMP HOURS**

It lets you view lamp working hours (total and partial).

**Total counter**

It counts the number of projectors working hours with the lamp on (from construction to date).

**Partial counter**

It counts the number of lamp partial working hours from the last reset to date.

Press OK to reset the partial counter. A confirmation message appears on the display (Are you sure ?)  
Select YES to confirm reset.

### **Information – LAMP STRIKE**

It lets you view how many times the lamp was turned on (total and partial).

**Total counter**

It counts the number of times the lamp was turned on (from construction to date).

**Partial counter**

It counts the number of times the lamp was turned on from the last reset to date.

Press OK to reset the partial counter. A confirmation message appears on the display (Are you sure ?)  
Select YES to confirm reset.

## INFORMATION MENU

### Information – SYSTEM VERSION

It lets you view the hardware and software versions for each electronic board in the projector.

- Disp
- PT
- Prism
- CMY
- FOCUS
- FAN

### Information – DMX MONITOR

It lets you view the level of projector DMX channels in bit.

### Information – TEMP MONITOR

It lets you view the temperature of the fixture.

### Information – FANS MONITOR

It lets you view the speed of fans. The unit is RPM.

### Information – NETWORK PARAMS

Lets you view the projector "Network" parameters meaning:

**IP address:** Internet Protocol address (two projectors must not have the same IP address)

**IP mask:** 255.0.0.0

**Mac address:** Media Access Control; the projector's Ethernet Address

### Information – Serial Number

It Show the serial number information of the fixture

### Information – RDM UID

Shows the exclusive address of the fixture to use communicate via RDM.

## MANUAL CONTROL

### Manual Control - LAMP

Permette l'accensione (ON) o lo spegnimento (OFF) della lampada dal pannello comandi del proiettore.

### Manual Control - RESET

It lets you reset the projector from the projector control panel.

### Manual Control - CHANNEL

It lets you set the channel DMX levels from the projector control panel (value between 0 and 255 bit).

## TEST MENU

It lets you test the correct operations of effects using pre-saved Tests:

- Pan/Tilt
- Colour
- Beam
- Gobo
- All

## ADVANCED MENU

To log into the “Advanced Menu”, enter the code (1234)

### **Advanced - UP LOAD FIRMWARE**

It lets you transfer the firmware from one fixture to all the other connected to the same line. A confirmation message will appear on the display “Are you sure?” Select YES to confirm or NO to abort the operation.

**IMPORTANT:** We recommend uploading the firmware to a maximum 5/6 units per time.

### **Advanced - CALIBRATION**

It lets you from the control panel to make a fine electronics adjustment on some effects to get a better consistency within a group of fixtures.

### **Advanced – MENU LOCKING**

It allows you to assign a password to lock the access to the ADVANCED menu to avoid any wrong setting or operation by people there are not from the technical staff. The default Unlock Code is: 1234

**IMPORTANT:** If necessary to reset any custom code go to Option → Setting → Default Preset → Reset to default, it will set all the default setting and restore the coder to 1234.

### **Advanced – RECOVER**

The recovery function allows to restore the functionality of the electronic boards following a fail during the firmware update process of the fixture. Please refer to the “Recover function” tech document for the detail of the procedure.