

## USER MENU LEVELS VIEW

Note: Default parameters Highlighted in a grey colour.

### SETUP

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
SET UP	DMX Address	→	→	001-512	
	DMX Channel	→	→	Standard 14 ch	
				Sharpy 16 ch	
	Ethernet Interface	Protocol	→	Disabled	
				ArtNet	
				sACN	
		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		
Start Channel		→	001-512		
Ethernet to DMX		→	No / Yes		

OPTION

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
OPTION	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 %		
			100 %		
	Color	Fix Wheel Shortcut	→	On / Off	
	Dimmer Curve	→	→	Dimmer Curve 1	
				Dimmer Curve 2	
				Dimmer Curve 3	
				Dimmer Curve 4	
	Display	→	→	On / Off	
Fan Mode	→	→	Auto		
			SLN		
			Theatre		
			Constant		
Power Mode	→	→	STD Power		
			ECO Power		
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		

## INFORMATION

Main Menu	Level 1	Level 2	Level 3	Choices / Values
INFORMATION	System Errors	→	→	Read / Reset
	Fixture Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	LED Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	System Version	Disp	→	Fw.rev.
		Net	→	Fw.rev.
		Ctr1	→	Fw.rev.
		Ctr2	→	Fw.rev.
	DMX Monitor	Channels	→	Value / Percentage
	Fans Monitor	Base Fan	→	Speed (%)
		Led Fan	→	Speed (%)
	Network parameters	→	→	IP Address
IP Mask				
MAC Address				
UID	→	→	UID: xxxxxxxxx	

## MANUAL CONTROL

Main Menu	Level 1	Level 2	Level 3	Choices / Values
MANUAL CONTROL	Reset	→	→	Yes / No
	Channel	→	→	Value / Percentage

## TEST

Main Menu	Level 1	Level 2	Level 3	Choices / Values
TEST	→	→	→	Pan / Tilt
	→	→	→	Colour
	→	→	→	Beam
	→	→	→	Gobo
	→	→	→	All

## ADVANCED

Main Menu	Level 1	Level 2	Level 3	Choices / Values
ADVANCED	Access Code <u>1234</u>	Upload Firmware	Transfer .....	Are you sure ? Yes / No
		Calibration	Channels	000 - 255
		Menu Locking	→	Unlock Code XXXX
		Recover	→	Are you sure ? Yes / No

SET UP MENU
<b>Setup - DMX ADDRESS</b>
It lets you select the address (DMX Address) for the control signal. A DMX address between 001 and 512 can be selected. <b>NOTE: Without the input signal, the displayed DMX Address blinks.</b>
<b>Setup - CHANNEL MODE</b>
It lets you set the Channel mode: <ul style="list-style-type: none"> <li>• <b>Standard (14 DMX channels, see DMX-Channel Function)</b></li> <li>• <b>Sharpy (16 DMX channels, see DMX-Channel Function, it simulates the Sharpy DMX parameters list)</b></li> </ul>
<b>Setup - ETHERNET INTERFACE</b>
It lets you set Ethernet settings to be assigned to the projector as indicated below:
<b>Protocol</b> It lets you to select the control protocol of the fixture.
<b>Custom IP Address</b> It lets you to set the Internet Protocol Address according to the control unit used.
<b>Custom IP Mask</b> It lets you to set the Subnet Mask of the IP address.
<b>Setup - UNIVERSE</b>
It lets you set the “DMX Universe” to be assigned to a series of projectors with values between 000 and 255. A single DMX512 frame of 512 channels is referred to as a Universe
<b>Setup – START CHANNEL</b>
It lets you select the address (Art-Net) for the control signal. An Art-Net address between 001 and 512 can be selected.
<b>Setup – ETHERNET TO DMX</b>
It lets you enable/disable the transmission of the Ethernet protocol by DMX signal to all the connected projectors. <ul style="list-style-type: none"> <li>• <b>NO:</b> DMX transmission disabled. <b>YES:</b> DMX transmission enabled.</li> </ul>

## OPTION MENU

### 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 (default)

#### 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% (default)
- 75%
- 87.5%
- 100%

### Option - COLOR

#### Fixed wheel short-cut

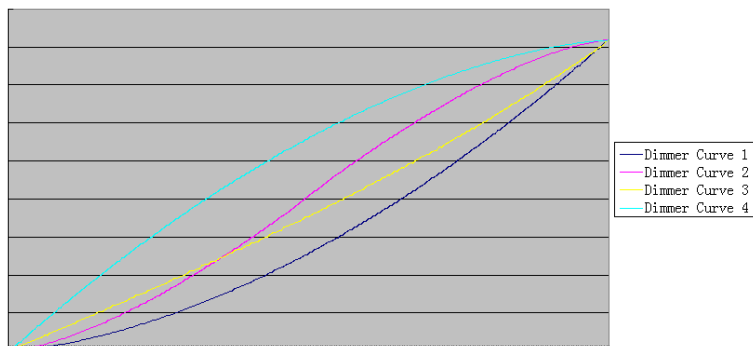
Used for optimizing color change time (select ON) so that the disc turns in the direction that requires shorter movement. Select OFF to turn off or disable this option.

## OPTION MENU

### Option – DIMMER CURVE

Lets you select four different Dimmer curves:

- **Dimmer curve 1**
- **Dimmer curve 2**
- **Dimmer curve 3**
- **Dimmer curve 4**



### 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

Defines the cooling mode:

- **Auto**: Cooling increase/decrease in correlation to the LED engine temperature
- **SLN**: Fan power always at minimum range, light output change accordingly with ambient temperature.
- **Theatre**: Fan power always at a constant range, light output constantly reduced.
- **Constant**: Fan power at maximum range.

### Option – POWER MODE

Defines the power mode:

- **STD power**: the fixture LED works at full power.
- **ECO power**: the fixture works at 90% of LED power.

### 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.

**Press the left and right arrows/keys simultaneously in the "main menu" to quickly restore default values (DEFAULT PRESET).**

## INFORMATION MENU

### Information – SYSTEM ERRORS

It displays a list of errors that occurred when the projector was turned on.

### 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: Select **Reset** to confirm or **Go Back** to undo the operation.

### Information – LED HOURS

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

**Total counter**

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

**Partial counter**

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

Press **OK** to reset the partial counter. A confirmation message appears on the display: Select **Reset** to confirm or **Go Back** to undo the operation.

### Information – SYSTEM VERSION

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

- Disp
- Net
- Ctr1
- Ctr2

### Information – DMX MONITOR

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

### Information – FANS MONITOR

It lets you view the percentage of each fan installed in the projector:

- Base Fan (Base cooling fan)
- Led Fan (LED cooling fan)

### 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 – UID

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

## MANUAL CONTROL

### 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.

## ADVANCED MENU

To open the "Advanced Menu", enter the code (1234)

### Advanced - UP LOAD FIRMWARE

It lets you transfer "firmware" from one projector to all other connected projectors. A confirmation message appears on the display (Are you sure ?) Select YES to confirm or NO to abort this operation.

**IMPORTANT:** It is possible to transfer the firmware only with the same fixtures models.

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

### Advanced - CALIBRATION

It lets you from the control panel to make a fine electronics adjustments on the 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 recover 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.