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 1234	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

Setup - DMX ADDRESS

It lets you select the address (DMX Address) for the control signal. A DMX address between 001 and 512 can be selected. ***NOTE: Without the input signal, the displayed DMX Address blinks***

Setup - CHANNEL MODE

It lets you set the Channel mode:
* **Standard (14 DMX channels,** see DMX-Channel Function**)**
* **Sharpy (16 DMX channels,** see DMX-Channel Function, it simulates the Sharpy DMX parameters list**)**

Setup - ETHERNET INTERFACE

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

Protocol
It lets you to select the control protocol of the fixture

Custom IP Address
It lets you to set the Internet Protocol Address according to the control unit used

Custom IP Mask
It lets you to set the Subnet Mask of the IP address

Setup - UNIVERSE

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

Setup – START CHANNEL

It lets you select the address (Art-Net) for the control signal. An Art-Net address between 001 and 512 can be selected

Setup – ETHERNET TO DMX

It lets you enable/disable the transmission of the Ethernet protocol by DMX signal to all the connected projectors

* NO: DMX transmission disabled
* YES: DMX transmission enabled

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
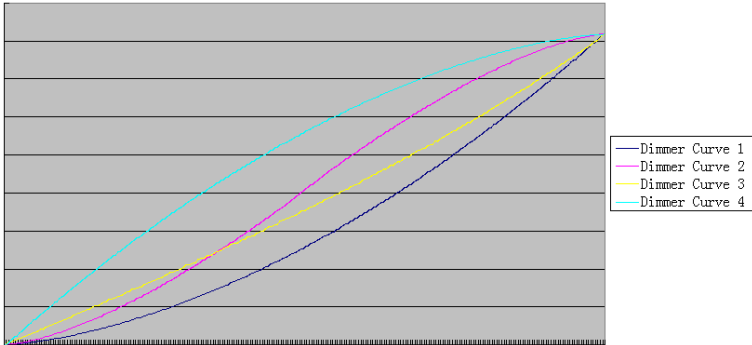- **Sequenced**: Tilt is reset first followed by Pan

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