

SUPERSHARPY

MENU SETTING

Main Menu	Level 1	Level 2	Level 3	Choices / Values		
SET UP	DMX Address	→	→	001-512		
	Channel Mode	→	→	Standard Vector		
	Fixture ID	→	→	000-255		
	Ethernet Interface	Control Protocol	→	→	Disabled Art-net IP 2.x.x.x. Art-net IP 10.x.x.x. Art-net Custom IP	
		Repeat on DMX	→	→	Disabled Enabled on primary	
		Universe	→	→	000-255	
		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		
OPTIONS	Lamp DMX	→	→	On / Off		
	Safety Black Out	→	→	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 Sensor	→	→	On / Off	
	Shutter	Shutter On Error	→	→	On / Off	
	Dimmer Filter Type	→	→	DMX follower Position dependent		
	Silent Mode	→	→	Standard Quiet		
	Display	→	→	On / Off		
	Safety Beam	→	→	On / Off		
	Settings	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		

Main Menu	Level 1	Level 2	Level 3	Choices / Values
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 Strikes	→	Read
		Partial Strikes	→	Read / Reset
	System Version	CPU brd	→	Fw.rev. / Hw.rev.
		com.dev	→	Fw.rev.
		0:PT-3f	→	Fw.rev. / Hw.rev.
		1:6-Ch	→	Fw.rev. / Hw.rev.
		2:6-Ch	→	Fw.rev. / Hw.rev.
	Board Diagnostic	0:PT-3f	→	Status / Err%
		1:6-Ch	→	Status / Err%
		2:6-Ch	→	Status / Err%
	DMX Monitor	Channels	→	Value / Percentage
	Fans Monitor	PwrSp	→	Speed (RPM)
		PwrSp	→	Speed (RPM)
		Lamp	→	Speed (RPM)
		Lamp	→	Speed (RPM)
Lamp		→	Speed (RPM)	
Head Position	→	→	X Y Z Good Pkt Bad Pkt Uart Err	
Driver Ballast	→	→	Fw version xxxxx Driver Code xxxxx	
Sensor status	Channels	→	n.a / On / Off	
Rot Gobs Indexing	→	→	Indexing Active	
Network parameters	→	→	IP Address	
	→	→	IP Mask	
	→	→	MAC Address	

Main Menu	Level 1	Level 2	Level 3	Choices / Values
MANUAL CONTROL	Lamp	→	→	On / Off
	Reset	→	→	Yes / No
	Channels	→	→	Value / Percentage
TEST	Pan / Tilt	→	→	n.a.
	Colour	→	→	n.a.
	Beam	→	→	n.a.
	Gobo	→	→	n.a.
	All	→	→	n.a.
ADVANCED	Access Code <u>1234</u>	Service Mode	→	On / Off
		Upload Firmware	→	Yes / No
		Setup Model	→	Yes / No
		Calibration	Channels	000 - 255
		Retrofits	Lamp type	Osram / Philips
		Rot. Gobo Indexing	→	Yes / No
		Menu locking	→	xxxx

SET UP MENU

DMX ADDRESS

PLEASE NOTE: *Without the DMX input signal, the displayed address (DMX Address) blinks.*

It lets you select the address (DMX Address) for the control signal. A DMX address between 001 and 512 can be selected.

CHANNEL MODE

This lets you select the projector operating mode, selecting one of the two available modes:

- **Standard (24 DMX channels occupied,** see Channel Function)
- **Vector (28 DMX channels occupied,** see Channel Function)

4

FIXTURE ID

It lets you set the "Fixture ID" to be assigned to the projector. An "ID" between 000 and 255 can be assigned.

ETHERNET INTERFACE

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

Control Protocol

It lets you select the "Control Protocol" Art-net to be assigned according to the control unit used; the options available are the following:

- Disabled:
- Art-net on IP 2
- Art-net on IP 10
- Art-net Custom IP

If the **Control Protocol** option is set on **Disabled**, when an **IP** address (**IP2**, **IP10** or **IP Custom**) is selected, the projector immediately initializes the **IP** address that was just selected.

If the **Control Protocol** option is enabled (**IP2**, **IP10** or **IP Custom**) and a new one is selected that is different from the previous one, the projector must be restarted so that it will be correctly initialized.

Repeat on DMX

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

- Disabled: DMX transmission disabled.
- Enabled on primary: DMX transmission enabled.

Universe

It lets you set the "DMX Universe" to be assigned to a series of projectors with values between 000 and 255.

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.

OPTIONS MENU

LAMP DMX

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

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.

Press the UP and DOWN arrows/keys simultaneously in the "main menu" to quickly disable the Pan and Tilt Encoder.

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 SENSOR

Allows you to enable (ON)/disable(OFF) the vertical test sensor of Tilt position.

SHUTTER

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.

DIMMER FILTER TYPE

It lets you best optimise the "Dimmer curve" according to that set on the control panel. One of the following 2 options can be selected:

DMX follower

Dimmer movement speed/linearity follows the DMX values set by the panel.

Position dependent

Dimmer movement speed follows the DMX values set by the panel taking into account the physical Dimmer starting position.

SUPERSHARPY – User Menu

SILENT MODE

Allows you to set the preferred mode of the 2 available:

Standard

Maximum speed and thus maximum noise effects.

Quiet

It reduces the speed of some effects (Pan and Tilt), reducing the noise level.

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.

SAFETY BEAM

It lets you turn ON a light beam temperature reduction when Focus movement is 50% over its stroke, if no CMY colour wheels are inserted, Soft Filter is automatically inserted on the Cyan wheel.

SETTINGS

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).

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.

From the menu

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.

LAMP HOURS

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

Total counter

It counts the number of projector 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.

LAMP STRIKES

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.

SYSTEM VERSION

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

- CPU brd (CPU board)
- 0: PT-3f (Pan / Tilt board)
- 1: 6-Ch (6-channel board)
- 2: 6-Ch (6-channel board)

BOARD DIAGNOSTIC

It lets you view the percent errors for each electronic board installed in the projector

- 0: PT-3f (Pan / Tilt board)
- 1: 6-Ch (6-channel board)
- 2: 6-Ch (6-channel board)

DMX MONITOR

It lets you view the level of projector DMX channels in bit (Val) and in percentual.

FANS MONITOR

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

- Lamp (lamp cooling fan)
 - Pwr.Sup (PSU cooling fan)
-

HEAD POSITION

It lets you view the projector head position with reference to the X, Y and Z axes. It also provides further information on:

- Good pkt: number of correctly received signal packets
 - Bad pkt: number of incorrectly received signal packets
 - Uart Err.: UART reception errors
-

DRIVER BALLAST

It lets you view the firmware versions of the Ballast inside the fixture.

SENSOR STATUS

It lets you check the correct operations of each "sensor" installed in the projector, each channel is associated with one of the following three parameters:

- n.a.= sensor not available
 - ON= sensor working
 - OFF= sensor defective
-

ROT GOBOS INDEXING

It lets you check whether the rotating gobo wheel gobo indexing procedure should be run, if indexed, "Indexing Active" appears on the display, otherwise "Indexing required!" appears

If necessary, indexing should be activated from the Advanced menu.

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.

MANUAL CONTROL

LAMP

It lets you turn the lamp on (ON) or off (OFF) from the projector control panel.

RESET

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

CHANNEL

It lets you set the channel DMX levels from the projector control panel (value between 0 and 255 bit or between 0% and 100%).

9

TEST MENU

It lets you test the correct operations of effects using saved Tests.

Available test sequences:

- Pan - Tilt effects (Pan & Tilt) TBD
- Colour effects (Colour wheels) TBD
- Beam effects (Stopper-Strobe / Dimmer / Prism / Frost) TBD
- Gobo effects (Static gobo) TBD
- All effects TBD

ADVANCED MENU

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

SERVICE MODE

It lets you disable (ON) the projector Beam operating mode.

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.

10

SETUP MODEL

It lets you change the projector model (operation probably necessary after replacing the CPU during repairs). A confirmation message (Are you sure ?) appears on the display Select YES to confirm (the list of available and selectable projectors appears) or NO to abort this operation.

CALIBRATION

It lets you make small mechanical adjustments on some effects to perfectly align projectors from the control panel.

Factory default

It lets you restore default "Calibration" values (128 bit) on all channels.

RETROFITS

Lamp type

It allows you to set which is the **Lamp type** mounted in the projector, so that the firmware is suitable for the management of itself:

Philips lamp: Lamp Philips MSD Platinum 20R

Osram lamp: Lamp Osram Sirius HRI 440W

ROT GOBOS INDEXING

It lets you run the rotating gobo wheel gobo indexing procedure. This operation may be necessary after projector maintenance/cleaning.

MENU LOCKING

It allows you to assign a password to lock the access to the user menu, so that only users know the password can change settings. The password is 4-digit number.