

SPHERISCAN-SPHERILIGHT

USER MENU

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
Custom IP Mask	IP mask byte 1			000-255		
	IP mask byte 2			000-255		
OPTION	Lamp DMX	→	→	On / Off		
	Color	Color Mixing	→	→	RGB / CMY	
		Fix Wheel Shortcut	→	→	On / Off	
	Dimmer Curve	→	→	→	Conventional Standard	
		Shutter	Shutter On Error	→	→	On / Off
	Dimmer On Shutter		→	→	On / Off	
	Change Rotating Gobo speed	→	→	→	Normal Fast	
		Display	→	→	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.
		1:8-Ch	→	Fw.rev. / Hw.rev.
		2:8-Ch	→	Fw.rev. / Hw.rev.
		3:8-Ch	→	Fw.rev. / Hw.rev.
	Board Diagnostic	0:PT-3f	→	Status / Err%
		1:8-Ch	→	Status / Err%
		2:8-Ch	→	Status / Err%
		3:8-Ch	→	Status / Err%
	DMX Monitor	Channels	→	Value / Percentage
	Fans Monitor	Board	→	Speed (RPM)
		Lamp	→	Speed (RPM)
		Lamp	→	Speed (RPM)
Eff. IN		→	Speed (RPM)	
Eff. IN		→	Speed (RPM)	
Ball. IN		→	Speed (RPM)	
Ball. IN		→	Speed (RPM)	
Sensor status	Channels	→	n.a / On / Off	
Rot. Gobo Indexing	→	→	Indexing Active Indexing Required	
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
	Channel	→	→	Value / Percentage
TEST	→	→	→	Complete
				Colors
				Pan / Tilt
ADVANCED	Access Code <u>1234</u>	Upload Firmware	<i>Transfer</i>	<i>Are you sure ?</i> Yes / No
		Setup Model	<i>Changing</i>	<i>Are you sure ?</i> Yes / No
		Dome's Leds Cal	Red	000 – 255
			Green	000 – 255
			Blue	000 – 255
			Optimize	Led optimization? Y/N
		Calibration	Channels	000 - 255
		Rot. Gobo Indexing	<i>Starting procedure</i>	Yes / No
Menu Locking		Unlock Code 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** (see DMX-Channel Function)
- **Vector** (see DMX-Channel Function)

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.

COLOR

Color mixing

It lets you set the CMY color mixing system:

- **RGB** color mixing mode (Red Green Blue)
- **CMY** color mixing mode (Cyan Magenta Yellow)

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.

DIMMER CURVE

It lets you set the Dimer Curve mode:

- **Conventional**
- **Standard** (default)

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 on Shutter

Enables (select ON) the automatic closing of the Dimmer when the Strobe is completely closed. Select OFF to turn off or disable this option.

CHANGE ROTATING GOBO SPEED

It lets you set the speed of the rotating gobo change:

- **Normal**
- **Fast** (default)

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.

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).

INFORMATION MENU

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.

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: 8-Ch (8-channel board)
- 2: 8-Ch (8-channel board)
- 3: 8-Ch (8-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: 8-Ch (8-channel board)
- 2: 8-Ch (8-channel board)
- 3: 8-Ch (8-channel board)

DMX MONITOR

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

FANS MONITOR

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

- Board (board cooling fan)
- Lamp (lamp cooling fan)
- Ball.IN (Ballast cooling fan, air-flow IN)
- Effect.IN (Effects cooling fan, air-flow IN)

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 GOBO INDEXING

It lets you check whether the rotating gobo wheel 1 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%).

TEST MENU

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

ADVANCED MENU

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

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.

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.

DOME'S LED CALIBRATION

It lets you make from the control panel, small brightness adjustments on the LED, to perfectly align projectors.

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.

ROT GOBO 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.