SCENIUS UNICO
User Menu

USER MENU GUIDE

Setup

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
		Master RDM	→	Disabled Enabled

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Option

Main Menu	Level 1	Level 2	Level 3	Choices / *Values*
OPTION	Lamp DMX	→	→	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 % 100 %
		P/T Enable	→	On / Off
	Color	Color Mixing	→	RGB / CMY
		Fix Wheel Shortcut	→	On / Off
	Dimmer Curve	→	→	Standard Conventional
	Shutter	Shutter On Error	→	On / Off
		Dimmer On Shutter	→	On / Off
	Lamp Dimming	→	→	1400W – 1200W 1200W
	Chg RotGobo Speed	→	→	Normal Fast
	Blades Speed	→	→	Normal Fast
	Display	→	→	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

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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
	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.
		4: 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%
		4: 8-Ch	→	Status / Err%
	DMX Monitor	Channels	→	*Value / Percentage*
	Fans Monitor	Ball. IN	→	Speed (RPM)
		Ball. OUT	→	Speed (RPM)
		Pwr. Sp.	→	Speed (RPM)
		Pwr. Sp.	→	Speed (RPM)
		Lamp	→	Speed (RPM)
		Eff. OUT	→	Speed (RPM)
		Eff. IN	→	Speed (RPM)
		Blades	→	Speed (RPM)
		Blades	→	Speed (RPM)
		Lamp	→	Speed (RPM)
	RDM Unique ID	→	→	RDM ID
	Sensor status	Channels	→	n.a / On / Off
	Rot. Gobo Indexing	→	→	Indexing Active / Indexing Required
	Network parameters	→	→	IP Address / IP Mask / MAC Address
	Serial number	→	→	XXxxxxxx

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Manual Control

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

Test

Main Menu	Level 1	Level 2	Level 3	Choices / *Values*
TEST	→	→	→	Complete
	→	→	→	Colors
	→	→	→	Pan / Tilt

Advanced

Main Menu	Level 1	Level 2	Level 3	Choices / *Values*
ADVANCED	Access Code 1234	Upload Firmware	*Transfer …….*	*Are you sure ?* Yes / No
		Setup Model	*Changing …….*	*Are you sure ?* Yes / No
		Calibration	Channels	000 - 255
		Rot. Gobo Indexing	*Starting procedure …..*	Yes / No
		Menu Locking	→	Unlock Code XXXX
		Uni Field Frost	→	DMX - Out DMX - IN

SET UP MENU

Setup - DMX ADDRESS

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

Setup – Channel mode

It lets you select the projector operating mode, selecting one of the two available modes (see DMX Channel Function document):
- **Standard (40 DMX parameters).**
- **Vector (44 DMX parameters).**

Setup – FIXTURE ID

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

Setup - 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.

Master RDM
It allows to enable (through the Webserver system) the configuration of the fixtures menu when the
option Repeat on DMX is set to "Enable on primary", it allows to see and set all the users function to all the fixtures connected with the DMX to the primary unit. Default setting is Disabled.

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 – 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.
You can quickly disable the Pan and Tilt Encoder by simultaneously pressing the UP (↑) and DOWN(↓) keys in the "Main Menu".

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%**

Pan/Tilt enable
Allows you to disable Pan and Tilt movement (Selecting OFF) to use the fixture as a follow-spot. Select ON to disable this option.

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.

Option – DIMMER CURVE

It lets you select the "Dimmer Curve" from the two available:
- **Standard** (default)
- **Conventional**

Option - 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.

Option – LAMP DIMMING

It allows you to select one of the two types of dimming available:
- **1400W - 1200W** lamp power operate as follows:
  - Dimmer channel @ 0bit - lamp power @ 1000W
  - Dimmer channel from 1 to 202bit - lamp power @ 1200W
  - Dimmer channel from 203 to 255bit - lamp power increase from 1200W to 1400W
- **1200W** lamp power operate as follows:
  - Channel dimmer @ 0bit - lamp power @ 1000W
  - Dimmer channel from 1 to 255bit - lamp power @ 1200W

Option - ROTATING GOBO CHANGE SPEED

It lets you select the speed of the Rotating Gobo Change from the two available:
- **Normal**
- **Fast** (default)

Option – BLADE SPEED

It lets you select the speed of the Blades from the two available:
- **Normal**
- **Fast** (default)

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 - 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

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 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.

Information – 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.

Information – SYSTEM VERSION

It lets you view the hardware and firmware versions for any electronic board installed into the fixture.
- 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)
- 4: 8-Ch (8-channel board)

Information – BOARD DIAGNOSTIC

It lets you view the percent of internal 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)
- 4: 8-Ch (8-channel board)

Information – DMX MONITOR

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

Information – FANS MONITOR

It lets you view the speed of each fan installed in the projector:
- Lamp (lamp cooling fan)
- Pwr.Sup (PSU cooling fan)
- Ball.IN (Ballast cooling fan, air-flow IN)
- Ball.OUT (Ballast cooling fan, air-flow OUT)
- Effect.IN (Effects cooling fan, air-flow IN)
- Effect.OUT (Effects cooling fan, air-flow OUT)
- Blades (blades cooling fan)

Information – RDM Unique ID

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

Information – 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 (it could be that are not used sensor on that effect)
- ON= Sensor reading (It means the magnet is positioned on the sensor)
- OFF= Sensor is not reading (It means the magnet is not positioned on the sensor)

Information – ROTATING 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.

Information – NETWORK PARMETERS

Lets you view the projector Network parameters:
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

Lets you view the fixture **Serial Number**. Information available only for fixtures from the beginning of 2020.

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MANUAL CONTROL

Manual Control - LAMP

It lets you turn the lamp on (selecting ON) or off (selecting OFF) from the fixture's user menu.

Manual Control - Reset

It lets you reset the fixture from the user menu.

Manual Control - CHANNEL

It lets you set the DMX parameters levels from the fixture's user menu. (Value between 0 to 255 bit or between 0% to 100%).

TEST

It lets you test the correct operations of fixture's effects using few pre-saved sequences.

ADVANCED MENU

IMPORTANT: To access the ADVANCED menu the password is 1234

Advanced menu - UPLOAD FIMRWARE

It lets you transfer the firmware from one fixture to all the others connected to it with a DMX chain signal. A confirmation message appears on the display (Are you sure ?) Select YES to confirm or NO to abort this operation.

Advanced menu – SETUP MODEL

It lets you select the fixture model on the main CPU board (It could be probably necessary following the CPU replacing).
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.

Advanced menu - CALIBRATION

It lets you make a fine electronics adjustments on the some parameters to get a better consistency within a group of fixtures.
Factory default
It lets you restore default "Calibration" values (128 bit) on all channels.

Advanced menu – ROTATING GOBO INDEXING

It lets you launch the rotating gobo wheel indexing procedure. This operation may be necessary following a fixtures maintenance/cleaning.

Advanced menu – 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.

Advanced menu – UNIFORM FIELD FROST

Allows you to set the control of the ''Uniform Beam Field'' parameter (channel 40), you can select one of the following two options:

- DMX 0 OUT - Channel 40 @ 255bit: Uniform Beam Field inserted into the beam
- DMX 0 IN - Channel 40 @ 255bit: Uniform Beam Field excluded from the beam