Actoris Profile FC
User Menu

01/2024

USER MENU GUIDE

Note: All the default parameters are highlighted in grey color

SETUP MENU

Main Menu	Level 1	Level 2	Level 3	Choices / Values
SETUP	Basic Engine	Mode	→	Advanced Standard Tuned White One Channel Stand Alone
		Source	→	DMX Art-net sACN
		Universe	→	000-255
		DMX Address	→	001-512
	Repeat on DMX	Enablement		Disabled Enable on primary
		Universe	→	000-255
	Ethernet Setup	Ethernet interface	→	Disabled Art-net IP 2.x.x.x. Art-net IP 10.x.x.x. Enabled on Custom IP DHCP
		Control protocol	→	Art-net sACN
		Custom IP addr.	IP addr IP addr IP addr IP addr	IP addr byte 1 000-255 IP addr byte 2 000-255 IP addr byte 3 000-255 IP addr byte 4 000-255
		Custom IP mask	IP mask1 IP mask2 IP mask3 IP mask4	IP mask B1 IP mask B2 IP mask B3 IP mask B4
	Fixture ID	Value	→	000-255

OPTION MENU

Main Menu	Level 1	Level 2	Level 3	Choices / Values
OPTION	Dimmer Curve	→	→	Linear Square Smooth Square S-Curve Linear2
	RGB Gamma	→	→	Gamma 1.0 Gamma 1.5 Gamma 2.2
	White mode	→	→	RAW 3200 K 4000 K 4400 K 5000 K 5600 K 6000 K 6500 K 7000 K 7500 K 8000 K
	Halogen Mode	→	→	Halogen OFF MODE 1 MODE 2 MODE 3 MODE 4 MODE 5
	Fan Mode	→	→	Fixed 35 dB Fixed 30 dB Fixed 27 dB Fixed 25 dB Fanless Auto
	Led frequency	→	→	25.0 kHz 2.0 kHz 1.2 kHz 0.6 kHz
	Display	→	→	On / Off
	Setting	Default Preset	Reset To Default	Yes / No
			→	Go Back
		User Preset 1	Load preset 1	Yes / No
			Save to preset 1	Yes / No
		User Preset 2	Load preset 2	Yes / No
			Save to preset 2	Yes / No
		User Preset 3	Load preset 3	Yes / No
			Save to preset 3	Yes / No

INFORMATION MENU

Main Menu	Level 1	Level 2	Level 3	Choices / Values
INFORMATION	Fixture Hours	Total Hours	→	Reset Partial counter. Yes / No
		Partial Hours	→	Reset Partial counter. Yes / No
	LED Hours	Total Hours	→	Reset Partial counter. Yes / No
		Partial Hours	→	Reset Partial counter. Yes / No
	FV version	→	→	Actoris FW Boot CPU fw Boot DRV1 DRV1 fw CPU SN
	HW version	→	→	CPU hw ver DRV1 hw
	NTC Temperature	→	→	TEMP NTC
	Basic Monitor	→	→	*Channel xx Perc%*
	Fans Monitor	→	→	Fan 1 Speed (RPM) Fan 2 Speed (RPM)
	Network parameters	→	→	IP Mask MAC
	Serial Number	→	→	XXxxxxxx

MANUAL CONTROL

Main Menu	Level 1	Level 2	Level 3	Choices / Values
Manual Control	Reset	→	→	Yes / No
	Channel	*Channel xx Perc%*	→	DMX Value: 000-255

ADVANCED MENU

Main Menu	Level 1	Level 2	Level 3	Choices / Values
Advanced	Access Code	Upload fw	→	Yes / No
		Choose led cal.	→	Factory Cal. Custom Cal. Full Cal.

SET UP MENU

Setup – *Basic Engine - MODE*

This lets you select the projector operating mode for BASIC ENGINE, selecting one of the two available modes:
- **Advanced**
- **Standard**
- **Tuned White**
- **One Channel**
- **Stand Alone**

Setup – *Basic Engine - SOURCE*

It lets you assign the input source the projector receives signals from dedicated to BASIC ENGINE. One of the two available sources can be selected:
- **DMX**
- **Art-net**
- **sACN**

Setup – *Basic Engine - UNIVERSE*

It lets you set "DMX Universe" for BASIC ENGINE mode to assign values between 000 and 255 to a series of projectors (This option is valid only if Source= Art-net or Source= sACN*).

*note that in case of sACN the universe setted here set also the multicast group IP on wich the fixture will listen for data.

Setup – *Basic Engine – DMX ADDRESS*

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

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

Setup – *Repeat on DMX - ENABLEMENT*

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.

Setup – *Repeat on DMX - UNIVERSE*

It lets you set the "DMX Universe" to assign values between 000 and 255 to a series of projectors. In this case it refers to an Art-net input not read by the projector and re-transmitted to other projectors.

SET UP MENU

Setup - ETHERNET INTERFACE

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

ETHERNET MODE
It lets you select the "Ethernet Mode" to control the unit; the options available are the following:
- **Disabled**
- **Enabled on IP 2**
- **Enabled on IP 10**
- **Enabled Custom IP**

If the **Ethernet Mode** 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 **Ethernet Mode** 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.

CONTROL PROTOCOL
It lets you select the control protocol that the fixture will use to receive DMX data over ethernet interface; the options available are the following:
- **Art-Net**
- **sACN**
-

If the **Ethernet Interface** option is enabled (**IP2**, **IP10** or **IP Custom**) and the control protocol is switched (eg. From Art-net to sACN), the projector must be restarted so that it will be correctly initialized.

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.

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.

OPTION MENU

Option – DIMMER CURVE

It allows you to select the available Dimmer curves:
- **Linear**
- **Square**
- **Smooth Square**
- **SCurve**
- **Linear2**

Option – RGB GAMMA

Lets you select three different RGBW gamma curves (see details below):
- **Gamma 1.0**
- **Gamma 1.5**
- **Gamma 2.2**

Option - WHITE

It lets you select the calibrated white colour value for the projection:
- **RAW**
- **3200 K**
- **4000 K**
- **4400 K**
- **5000 K**
- **5600 K**
- **6000 K**
- **6500 K**
- **7000 K**
- **7500 K**
- **8000 K**

Note: By selecting RAW option, no chromaticity control over output is performed: it's effectively pure RAW.

Option – HALOGEN MODE

It lets you select the halogen behaviour desired:
- **Halogen OFF**
- **MODE 1**
- **MODE 2**
- **MODE 3**
- **MODE 4**
- **MODE 5**

Option – FAN MODE

It lets you select the cooling mode:
- **Fixed 35dB:** Cooling is constant and noise too, ensuring 35dBA.
- **Fixed 30dB:** Cooling is constant and noise too, ensuring 30dBA.
- **Fixed 27dB:** Cooling is constant and noise too, ensuring 27dBA.
- **Fixed 25dB:** Cooling is constant and noise too, ensuring 25dBA.
- **Fanless:** Fans are off, noise at its minimum and output too.
- **Auto:** Cooling varies with the ambient temperature and noise too. Output is constant.

OPTION MENU

Option – LED FREQUENCY

Lets you select ten different base frequencies of LEDs:
- **25.0 kHz**
- **2.0 kHz**
- **1.2 kHz**
- **0.6 kHz**

Note: Using the frequency DMX parameter it increase or decrease the basic value selected from this function.

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.

INFORMATION MENU

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 - 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 (Are you sure?)
Select YES to confirm reset.

Information - FW VERSION

It lets you view the hardware and software versions for each electronic board in the projector:
- **Actoris FW**
- **Boot CPU fw**
- **Boot DRV1**
- **DRV1 fw**
- **CPU SN**

Information – HW VERSION

It lets you view the percent errors for each electronic board installed in the projector:
- **CPU hw ver**
- **DRV1 hw**

Information – NTC TEMPERATURE

It let you view the NTC sensors temperature (real-time) of the fixture.
- **TEMP1**

Information – BASIC MONITOR

It lets you view the level of DMX parameters (percentage values).
- **Basic Monitor** ☐ To view the base mode parameters.

Information - FANS MONITOR

It lets you view the speed of each fan installed in the projector:
- **FAN 1**
- **FAN 2**

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 – SERIAL NUMBER

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

MANUAL CONTROL MENU

Manual Control - RESET
It lets you reset the projector from the projector control panel.

Manual Control - CHANNEL
It lets you control the DMX parameters from the fixture's user menu. For any single parameter can be set the level between 0 and 255 bits.

ADVANCED MENU

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

Advanced - UPLOAD FW
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.

Advanced – CHOOSE LED CAL.

- **Factory Cal**
- **Custom Cal**
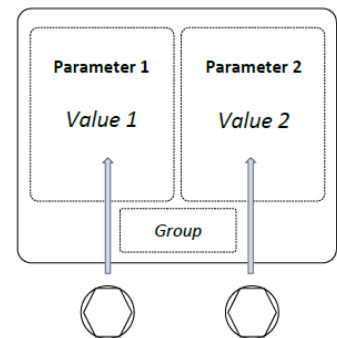- **Full Cal**

SPECIAL PAGES

STAND ALONE

Stand-alone mode, with no DMX channels. All features and parameters are controlled locally, through on-board display and knobs.
Predefined couples of parameters shall be displayed:
- **Master Dimmer – Strobe**
- **Red – Amber**
- **Green – Lime**
- **Blue – Royal Blue**
- **CTO – Plus/Minus Green**

Couples are gathered into families and groups, combined on their logical functions.
Table that follows clarifies this pooling:

Family	Group	Parameters
Dimmer	Dimmer	Master Dimmer - Strobe
Colour	Colour #1	Red – Amber
	Colour #2	Green – Lime
	Colour #3	Blue – Royal Blue
Temperature	Temperature	CTO – Plus/Minus Green

Parameter's value can be adjusted by rotating corresponding knob.
A clockwise rotation shall increase value.
A counter-clockwise rotation shall decrease value.
Left knob shall act on left-shown parameter. Same consideration for right knob.

By holding down the right or left knob the increment will be changed from +10 to +1 and vice versa.

Knob pressure shall permit parameters groups scroll.
Left knob pressure shall scroll backward.
Right knob pressure shall scroll forward.

With backward scroll is meant the sequence
Dimmer → Temperature → Colour #3 → Colour #2 → Colour #1 → Dimmer

While with forward scroll
Dimmer → Colour #1 → Colour #2 → Colour #3 → Temperature → Dimmer

POINTING MODE

Pointing mode can be activated in any menu when Stand Alone mode isn't active.

To activate this mode press the right knob for 3 seconds and a page with two parameters will appear on the display:
- **Dimmer**, to adjust the intensity,
- **Time**, to select the inactivity interval (no pressing of the keyboard buttons, nor pressing or rotating the encoders) after which the pointing mode is disabled.

To deactivate this mode keeping the right knob pressed for 3 seconds or after the automatically selected time.

By holding down the left knob the increment will be changed from +10 to +1 and vice versa.