

Note: Default parameters Highlighted in grey.

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
DMX Address	→	→	→	001-512	
Setup	Data Input	→	→	Auto ArtNet sACN	
	Channel Modes	→	→	Extended RGB	
				Extended HSV	
				Basic RGB	
				Basic HSV	
	Color Control Modes	→	→	RAW	
				RGB	
				CMY	
	Ethernet Settings	IP Modes	→	Disabled	
				Art-Net on IP 2	
				Art-Net on IP 10	
				DHCP	
				Custom IP address	
		IP Settings		Custom IP Address	xxx.xxx.xxx.xxx
				Custom IP Mask	xxx.xxx.xxx.xxx
		Art-Net Settings		Net	000-127
				Subnet	000-015
				Universe	000-015
	Art-Net to DMX		Enablement	Disabled Enabled on primary	
			Universe	000-015	
sACN Settings		Universe	0 - 63999		
Display Settings	→	→	On/ Off		
Wireless DMX	Enablement	→	Disabled / Enabled		
	Unlink Transmitter	Unlink from a Transmitter →	No / Yes		
Fixture ID	→	→	000 - 255		

Main Menu	Level 1	Level 2	Level 3	Choices / Values
Functions	Output Modes	→	→	Standard
				Boost
	Dimmer Curves	→	→	Linear
				Square
				Smooth Square
				S Curve
	RGB Gamma	→	→	Gamma 1.0
				Gamma 1.5
				Gamma 2.0
	Halogen Modes	→	→	Halogen OFF
				Halogen Lamp 1
				Halogen Lamp 2
				Halogen Lamp 3
				Halogen Lamp 4
	CTO Mode	→	→	Filt
				White
	Gamut Adaptation	→	→	Relative
				Absolute
	RGB Color Space	→	→	Native
				sRGB
LED Frequency	→	→	3700 Hz	
			5600 Hz	
			9400 Hz	
			15100 Hz	
			21400 Hz	
			31000 Hz	
33700 Hz				

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
Informations	System Errors	History errors	→	Code Time Description	
		History errors reset	→	No / Yes	
	Fixture Hours	Hours LED Fixture Total xxx xxx Partial xxx xxx	Reset1		Partial led hours counter reset
			Reset2		Partial fixture hours reset
	System Version	App. Rev	→	App Rev CPU xxx / DRV xxx	
		Boot Rev	→	Boot Rev CPU xxx / DRV xxx	
		Hw. Rev	→	Hw Rev CPU xxx / DRV xxx.	
		Serial Number	→	Serial number xxxxxxxx	
	Firmware Informations	Color Control Library	→	x.x.xxx	
		Graphic Library	→	x.x.xxx	
		Calibration Date	→	x.x.xxx	
	Diagnostics	Chip LED	→	T1 T2	
		Driver Board	→	T1 T2	
		CPU Board	→	T1 T2	
	DMX Monitor	Channels	→	Bit value	
	Fans Monitor	Fan1 / Fan2	→	Speed (RPM)	
Network parameters	→	→	IP Address		
			IP Mask		
			MAC Address		

Main Menu	Level 1	Level 2	Level 3	Choices / Values
Manual Control	Presets	Default	Reset to default	No / Yes
		Load Preset	Preset 1/2/3	Load Preset X (No/Yes)
		Save Preset	Preset 1/2/3	Save Preset X (No/Yes)
	Cues	Load Cues	Cue 1/2/3/4	Load Cue X (No/Yes)
		Save Cues	Cue 1/2/3/4	Save Cue X (No/Yes)
	Channels Control	Channel	→	Bit value
	Reset	→	Reset Fixture	No / Yes
Advanced	Access Code <u>1234</u>	Firmware Upload	<i>Send Firmware</i>	No / Yes
		USB Firmware update	<i>USB key reading</i>	Update

**Display**

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**DMX**    **ON**

**ArtNet**    **Off**

Net    0

Subnet    0

Universe    0

**sACN**    **Off**

Universe    0

Fixture ID    0

## DMX ADDRESS

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

## SETUP

### Setup – DATA INPUT

Input Source

- **Auto**
- **ArtNet**
- **sACN**

### Setup - CHANNEL MODES

This lets you select the channels operating mode, selecting one of the four available modes:

- **Extended RGB** (see DMX-Channel Function)
- **Extended HSV** (see DMX-Channel Function)
- **Basic RGB** (see DMX-Channel Function)
- **Basic HSV** (see DMX-Channel Function)

### Setup - COLOR CONTROL MODES

This lets you select the color control based on channel mode selection, selecting one of the three available option:

- **RAW** : It enable specific control of each single color.
- **RGB** : The projector emulate the functions as a classic RGB fixture.
- **CMY** : The projector emulate the function as a classic CMY fixture.

### Setup – ETHERNET SETTINGS

#### IP MODES

It lets you select the “IP mode” 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
- DHCP
- Custom IP address

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.

# SETUP

## Setup – ETHERNET SETTINGS

### IP SETTINGS

#### Custom IP Address

It lets you assign a custom “IP Address” according to the control unit used.

#### Custom IP Mask

It lets you assign a custom “IP Mask” according to the control unit used.

## Setup – ETHERNET SETTINGS

### ArtNET SETTINGS

#### NET

It lets you assign the “Net” parameter (Valid values between 0 and 127).

#### SUBNET

It lets you assign the “Subnet” parameter (Valid values between 0 and 15).

#### UNIVERSE

It lets you assign the “Universe” parameter (Valid values between 0 to 15).

## Setup – ETHERNET SETTINGS

### ArtNet to DMX

#### ENABLEMENT

**Disabled** (default setting) - The transmission data from Art-Net to DMX output is disabled.

**Enabled on primary** – It activates the data transmission from Art-Net to the DMX output. The fixture works as an Ethernet/DMX converter so the first fixture receive the ArtNet signal then it transfer the DMX 512 signal to the others units connected in chain.

#### UNIVERSE

It let you assign the DMX “Universe” parameter (Valid values between 0 and 015).

## Setup – ETHERNET SETTINGS

### sACN SETTINGS

#### UNIVERSE

It let you assign the DMX “Universe” parameter (Valid values between 0 and 63999).

## Setup – DISPLAY SETTINGS

- ON: The display is always on
- OFF: When this option is selected, the display fade off every 10 seconds of inactivity. It turns on with every action on the display or the encoder

## SETUP

### Setup – WIRELESS DMX

It lets you define the setting to use the Wireless connections.

#### **ENABLEMENT**

Allow you to enable or disable the receiving of wireless DMX. When is set as enable the fixture is ready to be linked from a Wireless transmitter. (Disabled is the default setting).

#### **UNLINK TRANSMITTER**

This function allows you to unlink the fixtures from the radio-connected transmitter. It is important to perform this procedure if the fixture is been previously linked to a different transmitter and you want to link with a new one.

Note: The wire DMX connection has the priority on Wireless.

### Setup - FIXTURE ID

It lets you assign a "Fixture ID" to the projector. Valid values between 0 and 255.

# FUNCTIONS

## Functions – OUTPUT MODES

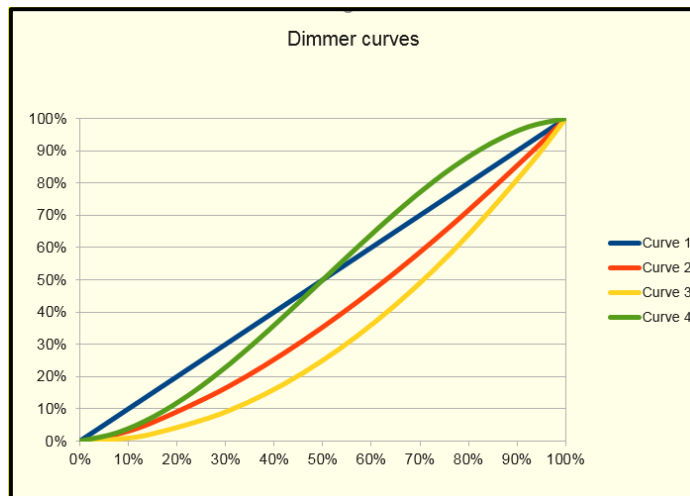
It lets you select one of the two different Output mode available:

- **Standard** With this option the fan change the speed according to the led engine temperature.
- **Boost** With this option the fan speed is stable till the led engine reach 90°C temperature, then will increase.

## Functions – DIMMER CURVES

Lets you select four different Dimmer channel curves (see details below):

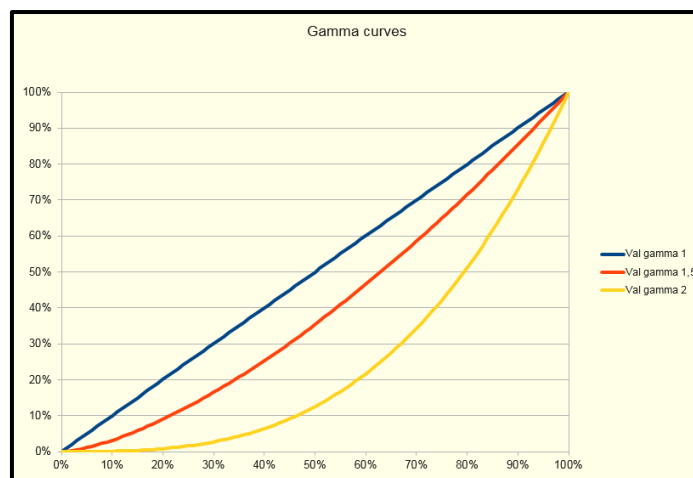
- Curve 1 - **Linear**
- Curve 2 - **Square**
- Curve 3 - **Smooth Square**
- Curve 4 - **S Curve**



## Functions – RGB Gamma

Lets you select three different RGBW gamma curves (see details below):

- **Gamma 1.0**
- **Gamma 1.5**
- **Gamma 2.0**





## FUNCTIONS

### Functions – HALOGEN MODE

Using the Halogen emulation mode all parameters are set to emulate the dynamics of an incandescent light, specifically the dimmer curve and the color temperature. Lets you select five different types of incandescence:

- **Halogen OFF**
- **Halogen Lamp 1 - 750 W**
- **Halogen Lamp 2 - 1000 W**
- **Halogen Lamp 3 - 1200 W**
- **Halogen Lamp 4 - 2000 W**
- **Halogen Lamp 5 - 2500 W**

### Functions – CTO MODE

Lets you select two different mode:

- **Filt:** The CTO parameter has effect on all the colors.
- **White:** The CTO parameter has effect only on White color.

### Functions – GAMUT ADAPTATION

Lets you select two different mode:

- **Relative**
- **Absolute**

### Functions – RGB COLOR SPACE

It defines all the possible colors that can be made from three chromaticity of Red, Green and Blu:

- **Native:** It is the color model defined by the primary colors of the fixture.
- **sRGB:** It is the standard color model used on monitors and printers.

### Functions – LED FREQUENCY

Lets you select seven different base frequencies of LEDs:

- **3700 Hz**
- **5600 Hz**
- **9400 Hz**
- **15100 Hz**
- **21400 Hz**
- **31000 Hz**
- **33700 Hz**

## INFORMATIONS

### 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 – SYSTEM VERSION

It lets you view the hardware and software versions for each electronic board installed into the fixture:

- App. Rev
- Boot Rev
- Hw Rev
- Serial Number

### Information – FIRMWARE INFORMATIONS

It lets you view the firmware version information:

- Color Control Library
- Graphic Library
- Calibration date

### Information –DIAGNOSTICS

It lets you view the temperature values of the Led engine and the electronics boards:

- Chip LED
- Driver Board
- CPU Board

### Information – DMX MONITOR

It lets you view the level of the DMX parameters the fixture is receiving. Values in Bit.

## INFORMATIONS

### Information – FANS MONITOR

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

- Fan1

### Information – NETWORK PARAMS

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 serial number of the fixture.

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## MANUAL CONTROL

### Manual Control – PRESETS

Used to save 3 different settings of the items in the option menu and relevant submenus.

**Load preset 'X':** is used to recall a previously stored configuration.

**Save to preset 'X':** is used to save the current configuration.

**Default:** It lets you restore default values on all option menu items and relevant submenus.

### Manual Control – CUES

It lets you to Save or Load different Cues on the fixture, it is possible to Save or Load 4 different Cues.

### Manual Control – CHANNEL CONTROL

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

### Manual Control – RESET

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

## ADVANCED

To access to the “Advanced Menu” insert the **1234**

### Advanced – FIRMWARE UPLOAD

It lets you transfer the firmware from one fixture to all the other linked to it. A confirmation message will appear on the display. Please confirm with YES to proceed with the firmware upload or NO to abort the operation.

### Advanced – USB FIRMWARE UPDATE

It lets you to upload the fixture firmware from the USB key connected to the unit.