

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		

Main Menu	Level 1	Level 2	Level 3	Choices / Values	
OPTION	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	
				0 degree	
				90 degrees	
		Pan Home Def Pos	→	180 degrees	
				270 degrees	
				0 %	
				12.5 %	
		Tilt Home Def Pos	→	25 %	
				50 %	
	75 %				
	87.5 %				
	100 %				
	Standard				
	Silent Mode	→	→	Quiet	
				Auto	
Fan Speed Mode	→	→	Full		
			On / Off		
Display	→	→	On / Off		

Main Menu	Level 1	Level 2	Level 3	Choices / Values
OPTION	Special Functions	Pan / Tilt speed	→	Normal Fast
		Dimmer Curve	→	Curve 1
				Curve 2
				Curve 3
				Curve 4
		RGB Gamma	→	Gamma 1.0
				Gamma 1.5
				Gamma 2.0
		Halogen Mode	→	Halogen OFF
				Halogen Lamp 1
				Halogen Lamp 2
				Halogen Lamp 3
				Halogen Lamp 4
				Halogen Lamp 5
		CC MOD	→	RAW
	HUE / SAT			
	RGB			
	CMY			
	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	

Main Menu	Level 1	Level 2	Level 3	Choices / Values
INFORMATION	System Errors	→	→	Read / Reset
	Fixture Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	System Version	CPU brd	→	Fw.rev. / Hw.rev.
		com.dev	→	Fw.rev.
		0: PT-3f	→	Fw.rev. / Hw.rev.
		1: HCR Kx	→	Fw.rev. / Hw.rev.
	Board Diagnostic	0: PT-3f	→	Status / Err%
		1: HCR Kx	→	Status / Err%
	DMX Monitor	Channels	→	Value / Percentage
	Fans Monitor	Pwr. Sp.	→	Speed (RPM)
		Pwr. Sp.	→	Speed (RPM)
		Head	→	Speed (RPM)
	Sensor status	Channels	→	n.a / On / Off
	Network parameters	→	→	IP Address
IP Mask				
MAC Address				

Main Menu	Level 1	Level 2	Level 3	Choices / Values
MANUAL CONTROL	Reset	→	→	Yes / No
	Channel	→	→	Value / Percentage
TEST	→	→	→	Complete
	→	→	→	Colors
	→	→	→	Pan / Tilt
ADVANCED	Access Code <u>1234</u>	Zoom repos	→	Off / On
		Upload Firmware	<i>Transfer</i>	<i>Are you sure ?</i> Yes / No
		Setup Model	<i>Changing</i>	<i>Are you sure ?</i> Yes / No
		Calibration	Channels	000 - 255
		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

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.

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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%**

SILENT MODE

It lets you select the "Silent Mode" from the two available:

- **Standard:** Maximum speed and consequently maximum effects/fans noise level.
- **Quiet:** Regulates the speed of the effects (Pan, Tilt, Zoom, Zoom rotation) and of the fans thereby reducing their noise level.

FAN SPEED MODE

Allows you to set how to manage the fan speed of the head of the fixture, selecting between the two available:

- **Auto:** the head's fan varies the speed depending on the temperature detected on the LED.
- **Full:** the head's fan is always at full speed.

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.

SPECIAL FUNCTIONS

Pan / Tilt speed

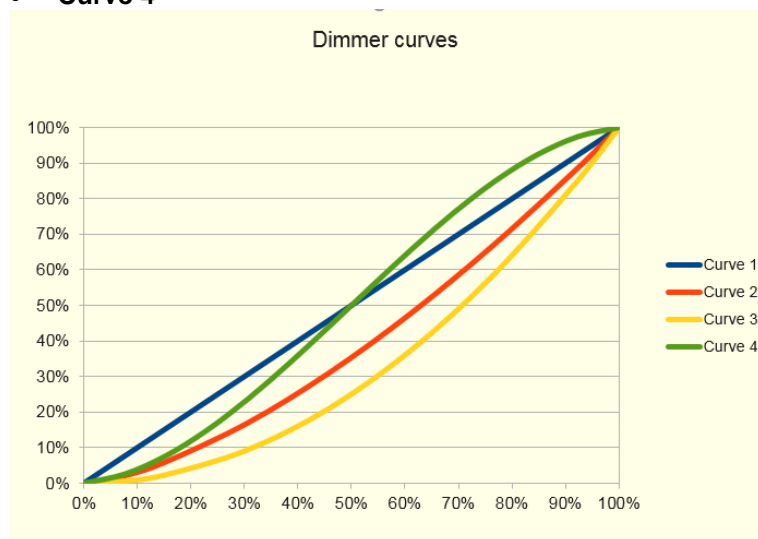
Lets you select two different Pan and Tilt speeds:

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

Dimmer Curve

Lets you select four different Dimmer channel curves:

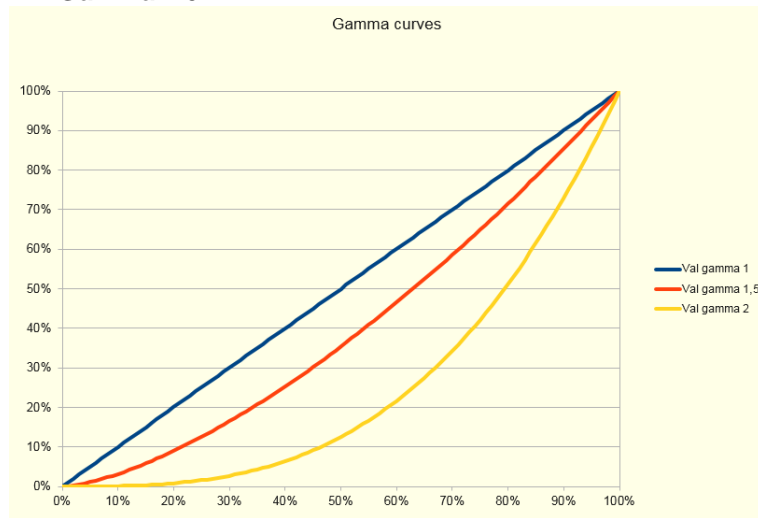
- **Curve 1 (default)**
- **Curve 2**
- **Curve 3**
- **Curve 4**



RGB Gamma

Lets you select three different RGBW gamma curves:

- **Gamma 1.0**
- **Gamma 1.5 (default)**
- **Gamma 2.0**



Halogen Mode

Lets you select five different halogen lamp simulations:

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

CC MOD

Lets you select foru different mode:

- **RAW**
- **HUE / SAT**
- **RGB**
- **CMY**

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.

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(*) 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.

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: HCR Kx (Led 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: HCR Kx (Led board)

DMX MONITOR

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

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FANS MONITOR

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

- Pwr.Sup (PSU cooling fan)
- Head (Head cooling fan)

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

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

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%).

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TEST MENU

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

ADVANCED MENU

To access to the "Advanced Menu", enter the code (1234)

ZOOM REPOS

Allows you to enable (On) or disable (Off) the coming back of the lens assembly, in the absence of DMX signal.

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.

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.

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.