Main Menu	Level 1	Level 2	Level 3	Choices / *Values*
SETUP	DMX Address	→	→	001-512
	Channel Mode	→	→	Extended RGB
				Extended HSV
				Basic RGB
				Basic HSV
	Color Control Mode	→	→	RAW
				RGB
				CMY
	Fixture ID	→	→	000-255
	Wireless DMX	→	Enablement	Disabled
				Enabled
		→	Unlink	No
				Yes
	Ethernet Interface	Control Protocol	→	Disabled
				Art-net IP 2.x.x.x.
				Art-net IP 10.x.x.x.
				DHCP
				Custom IP
		ArtNet Net	→	Net 000-127
		ArtNet Subnet	→	Sub-net 000-015
		ArtNet Universe	→	Universe 000-015
		Repeat on DMX	Enablement	Disabled
				Enabled on primary
			Art-Net Universe	000-015
		Custom IP Address	IP address byte 01	000-255
			IP address byte 02	000-255
			IP address byte 03	000-255
			IP address byte 04	000-255
		Custom IP Mask	IP mask byte 01	000-255
			IP mask byte 02	000-255
			IP mask byte 03	000-255
			IP mask byte 04	000-255

Main Menu	Level 1	Level 2	Level 3	Choices / *Values*
	Display	→	→	On
				Off
	Special Functions	→	Dimmer Curve	Curve 1
				Curve 2
				Curve 3
				Curve 4
			RGB Gamma	Gamma 1.0
				Gamma 1.5
				Gamma 2.2
			Halogen Mode	Halogen OFF
				Halogen Lamp 750W
				Halogen Lamp 1KW
				Halogen Lamp 1.2KW
				Halogen Lamp 2KW
				Halogen Lamp 2.5KW
			CTO Mode	Filt
				White
			RGB Color Space	Native
				sRGB
			Base PWM Frequency (Use the Frequency DMX parameter for fine tuning)	1000 Hz
				1500 Hz
				2400 Hz
				3700 Hz
				5600 Hz
				9400 Hz
				15100 Hz
				21400 Hz
				31000 Hz
				43700 Hz
	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	Fixture Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	Led Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	System Version	App fw	→	Fw.rev. x.x.xxx
		Boot fw	→	Fw.rev. x.x.xxx
		Display fw	→	Fw.rev. x.x.xxx
		CPU SN	→	Fw.rev. x.x.xxx
	Diagnostic	LED brd temp	→	xx °C (Temperature)
		CPU brd temp	→	xx °C (Temperature)
	DMX Monitor	Channels	→	*Bit / Percentage*
	Fans Monitor	Pwr. Sp.	→	Speed (RPM)
	Network parameters	→	→	IP Address
				IP Mask
				MAC Address
MANUAL CONTROL	Reset	→	→	Yes / No
	Channel	→	→	Bit / Percentage
ADVANCED	Access Code 1234	Firmware upload	*Ready to Transfer?* No / *Yes*	Firmware upload….

Highlighted in grey the default option

SET UP MENU

Setup - DMX ADDRESS

It lets you select the DMX address to the control signal. A DMX address between 001 and 491 can be selected.
PLEASE NOTE: Without a valid DMX input signal the displayed DMX Address blinks.

Setup - CHANNEL MODE

This lets you select the DMX 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 MODE

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

RAW : It enable the direct control of the output of the 6 available colour source (Red, PC Amber, PC Green, Green, Cyan and Blue)
RGB: The projector functions in the same way as a classic RGB projector.
CMY: The projector functions in the same way as a classic CMY projector.

Setup - FIXTURE ID

It lets you define a “Fixture ID” to the projector. An “ID” number between 0 and 255 can be assigned. The ID number will be displayed on the home view together with DMX address

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: This function allows you to unlink the fixtures from the radio-connected transmitter.

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

Setup - ETHERNET INTERFACE

It lets you define fixture Ethernet settings

Control Protocol

Disabled (default setting) – It disables the Ethernet protocol.
Art-net on IP 2 – It activate the IP address with first byte 2.
Art-net on IP 10 – It activate the IP address with first byte 10.
DHCP – It activate the Dynamic Host Configuration Protocol
Art-net Custom IP – It allow to set up all bytes of IP address and Net Mask.

ArtNet Net – It let you set the “Net” (Valid values between 0 to 127).

ArtNet Subnet – It let you set the “Subnet” (Valid values between 0 to 15)

ArtNet Universe – It let you set the “Universe” (Valid values between 0 to 15)

Repeat on DMX

Enablement

Disabled (default setting) - It disables the transmission of the DMX data on the DMX output.
Enabled on primary – It activates the transmission of the DMX data on the DMX output (Fixtures works as an Ethernet/DMX converter). First fixture receive ArtNet then to the others units can be built a standard DMX chain.

ArtNet Universe

It let you set the “Universe” (Valid values between 0 to 15) for the DMX data sent to the DMX Output

Custom IP Address – It let you to set up all bytes of IP address (Valid values between 0 to 255)

Custom IP Mask – It let you to set up all bytes of Net Mask (Valid values between 0 to 255)

OPTIONS MENU

Option – DISPLAY

It lets you control the intensity of the screen:

ON (Default setting) – It keeps the screen always at the maximum intensity.

OFF – The screen turn off automatically after 20 seconds from the last pressing of any button on the control panel.

Option – SPECIAL FUNCTIONS

Dimmer Curve - Allows selecting four different Dimmer channel curves:

Curve 1 - Linear (default setting)

Curve 2 - Square

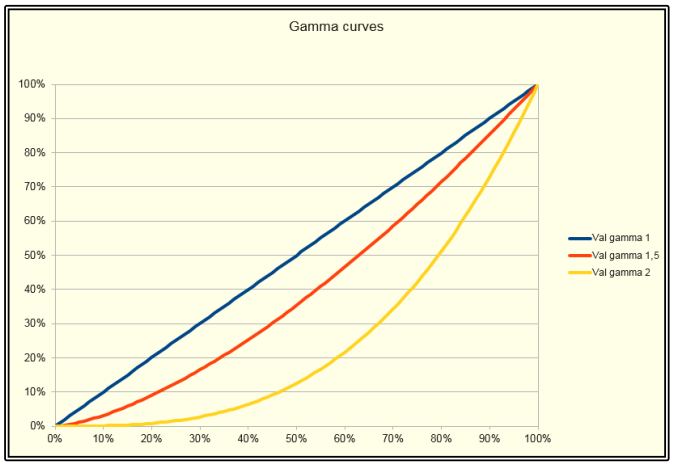
Curve 3 - Smooth square

Curve 4 - S curve

OPTIONS MENU

RGB Gamma - Lets you select three different gamma correction

Gamma 1.0
Gamma 1.5
Gamma 2.2 (default setting)



Halogen Mode - This function emulate the dynamics of an incandescent light during dimming and replicate the halogen color temperature.
Lets you select five different wattages simulation:

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

CTO Mode - The behavior of the CTO parameter can be set as:

Filt (default setting): All the colours and the white are changed by the CTO parameter, works as a filter above color point.
White: The CTO parameter behaves like a White Channel, white output range 2500K to 8000K. When enabled the selected white (value between 1 & 255) replaces the color previously set.
Works in RAW, RGB and CMY modes.

Note: If the Halogen mode is activated the CTO parameter is disabled.

RGB Color space - It define all the possible colors that can be made from three chromaticities of Red, Green and Blue.

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

Base PWM Frequency – This function define the basic dimming frequency of LEDs.

1000Hz
1500Hz (Default value)
2400Hz
3700Hz
5600Hz
9400Hz
15100Hz
21400Hz
31000Hz
43700Hz

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

OPTIONS MENU

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 – 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.
Note: It is possible to reset only the Partial counter.

Information – LED HOURS

It lets you view LED working hours (total and partial).

Total counter - It counts the number of LEDs working life hours (from construction to date).

Partial counter - It counts the number of LEDs 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.
Note: It is possible to reset only the Partial counter.

Information – SYSTEM VERSION

It lets you view the hardware and software versions for each electronic board in the projector and the CPU serial number:

App fw - It views the Application firmware of CPU board (X.X.XXX)

Boot fw - It views the Boot firmware of CPU board (X.X.XXX)

Display fw - It views the display firmware (X.X.XX)

CPU SN - It views the serial number of CPU board

Information –DIAGNOSTICS

It lets you view the information of temperature on CPU and Led driver electronic boards installed in the projector

LED brd temperature - It views the temperature (°C) of Leds board.

CPU brd temperature - It views the temperatures (°C) of CPU 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 the fan installed in the projector

PwrSp – It views the speed (rpm) of PSU cooling fan

Information – NETWORK PARAMETERS

Lets you view the projector Networks information

IP address: It views the Internet Protocol address (x.x.x.x)

IP mask: It views the NetMask (x.x.x.x)

Mac address: It views the Media Access Control; the projector's network address. The Mac addresses are assigned by the manufacture.

MANUAL CONTROL

Manual Control – RESET

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

Manual Control – CHANNEL

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

ADVANCED MENU

To access to the “Advanced Menu” is necessary to insert the code **1234**

Advanced – FIRMWARE UP LOAD

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