Orkis Fresnel-Pebble M
User Menu

USER MENU GUIDE

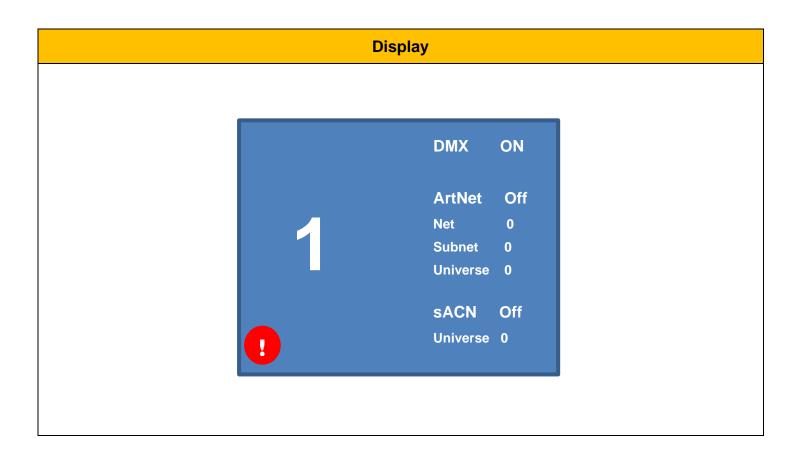Note: Default parameters Highlighted in grey.

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
				Halogen Lamp 5
	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
	Zoom DMX Disable	→	→	DMX slot Enable
				DMX slot Disable

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 1234	Firmware Upload	*Send Firmware*	No / Yes
		USB Firmware update	*USB key reading*	Update
		Zoom Calibration	→	000-255
		Lenses	→	Fresnel
				Pebble

Display

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

It lets you activate (ON) display brightness reduction after about 30 seconds in idle status. Select OFF to turn off or disable this option.

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.
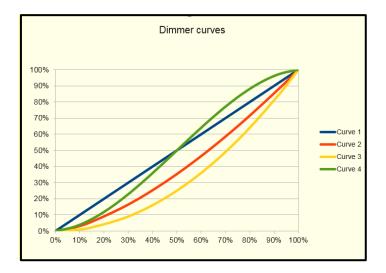
FUNCTIONS

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

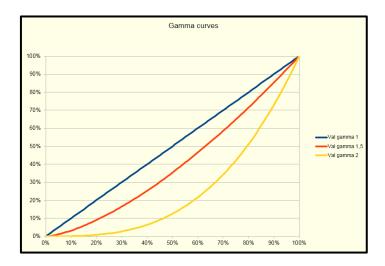Lets you select four different Dimmer channel curves (see details below):
- Curve 1 **- Linear**
- Curve 2 **- Square**
- Curve 3 **– Smooth Square**
- Curve 4 **– S Curve**

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**

Functions – ZOOM DMX Disable

It let you disable (DMX slot Disable) the Zoom DMX parameter, when the parameter is deactivated is possible to set the zoom level by the fixture's menu (manual control option), then anytime you turn on the unit this value will be automatically recalled. Select "DMX slot Enable" to activate the Zoom DMX parameter and control it from the desk.

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.

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.

Advanced – ZOOM CALIBRATION
It lets you to perform an electronic calibration of the zoom parameter. Calibration values from 0 to 255 bit.

Advanced – LENSES
It let you select the lens type according with the one installed into the fixture: **Fresnel lens**   **Pebble lens**