

# Eternal Lighting

Lighting Makes All The Difference



# IconMATE™

## User Manual

Thank you for purchasing the IconMATE™ transmitter fixture. Every ICONMATE™ has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting them.

**Each IconMATE™ purchase includes:**

- (1) IconMATE™ Fixture
- (1) Omega Bracket
- (1) Charging Cord (USB-C)
- (1) Power Supply Charging Block

**FIRST CHARGE YOUR FIXTURE FOR 5 HOURS.** Connect the provided USB-C power cord into the provided charging block. Connect the USB-C into the power input of the light. Plug charging block into a power strip.

**\*Note:** Only use the power supply charging block that came with the fixture to charge with. Using an alternate power supply charging block may decrease performance. For optimal performance use the provided power supply charging block and charging cord.

NOTE: You can be charging the IconMATE™ and turn on the Power button to use the fixture.

Warning: To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution: There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. In the unlikely event your unit requires service; please contact the manufacturer or your dealer.


**Features & Technical Specifications:**

- DMX Channels: (6CH, 6ACH)
- Touch Screen Full Text read out, Back-Lit LCD Display
- Address up to 85 lights to work with the automated Auto/Fade Modes
- (20) Auto/Fade Modes with speed control
- (20) Sound Modes
- (2) Wireless DMX Transmitters: (1) 2.4 Ghz Wireless DMX transmitter with 7 ID Groups compatible with the Eternal Lighting CUBE Series and (1) Robust Wireless DMX transmitter compatible with the Eternal Lighting ICON Series (up to 250ft line of sight). Both Wireless can be on working together simultaneously.
- Up to 20+ battery run time hours per charge
- Recharge Time: 5 hours
- 3 Pin DMX Input and 3 Pin DMX Output
- RF Remote control
- USB-C Power Input
- (2) Exterior Antennas
- Input Voltage: 12.6V
- External Power Supply: 110/230V
- Power and Current: 30W 2.5A
- Rubber Feet for non intrusive lay flat design
- IconMATE™ weight: 2 lbs, 6 oz
- Dimensions: Length 5.6" X Width 5.6" X Height 3.125"

IconMATE™ Menu:

DMX Address	<b>001-512</b>				
DMX Channel	<b>6CH</b>				
	6A CH				
WDMX Setting	Control	<b>On/Off</b>			
	Operating	Receive (Rx)			
		<b>Transmit (Tx)</b>			
	Link				
Receive Reset					
WirelessDMX Settings	Control	<b>On/Off</b>			
	Operating	Receive			
		<b>Transmit</b>			
	W-ID code	1ID- <del>4ID</del> -7ID			
	Link				
Receive Reset					
Mode	Preset		<b>01~50</b>		
		Dimmer	<b>000-255</b>		
		Strobe	<b>0-20</b>		
	Custom	<b>A~D</b>	Dimmer	<b>000-255</b>	
			Strobe	<b>0-20</b>	
			Red	<b>000-255</b>	
			Green	<b>000-255</b>	
			Blue	<b>000-255</b>	
			White	<b>000-255</b>	
			Amber	<b>000-255</b>	
	UV	<b>000-255</b>			
	Auto	Auto Program (1-10)	<b>00-5-10</b>	Speed 0-10	
		Fade Program (1-10)	<b>00-5-10</b>	Speed 0-10	
	Sound	Auto Program (1-10)	<b>00-5-10</b>	Sensitivity 0-10	
Fade Program (1-10)		<b>00-5-10</b>	Sensitivity 0-10		
System Settings	Display	<b>Full On/ 60%/ 30%/ Off</b>			
	Display Reverse	<b>On/Off</b>			
	Key Lock	<b>On/Off</b>			
	Light Number	<b>01-85</b>			
	RF Remote	<b>On/Off</b>			
	Reset Reload				
System Info	Firmware	Ver1.0			
	Time Info	xxxxH			

## Menu Description:

- DMX Address: Press Enter, then press the Up or Down button to choose an address 001-512.
- DMX Channel: Press Enter, then press the Up or Down button to choose DMX channel 6, 6A. See Chart below.
- WDMX Settings: Wireless DMX communication used with the ICON Series. Press Enter, then the Up or Down button to choose an option.
  - Control: On/Off – Turn On to control Rx or Tx, Off to disable Rx or Tx.
  - Operating: Receive (Rx)/Transmit (Tx)
    - Receive (Rx): Press Enter to make the selection
    - Transmit (Tx): Press Enter to make the selection
  - Link: When the IconMATE™ is Control On and set as a Transmitter (Tx). Press Enter to link to the lights set as receivers (Rx).  
\*Note: you need to press Receive Reset first on the receiving lights, then press Link on the IconMATE™.  
\*Note: when connected to the ICON Series lights, you will see  this wireless symbol on the display of the lights.
  - Receive Reset: Press this option to “unlink” to the receiving lights.
- WirelessDMX Settings: 2.4 Ghz Wireless DMX transmitter with 7 ID Groups used with the CUBE Series. Press Enter, then the Up or Down button to choose an option.
  - Control: On/Off – Turn On to control Rx or Tx, Off to disable Rx or Tx.
  - Operating: Receive (Rx)/Transmit (Tx)
    - Receive (Rx): Press Enter to make the selection
    - Transmit (Tx): Press Enter to make the selection
  - W-ID code: Choose 1 (Red), 2 (Green), 3 (Yellow), 4 (Blue), 5 (Purple), 6 (Cyan), 7 (White)
  - Link: When the IconMATE™ is Control On and set as a Transmitter (Tx). Press Enter to link to the lights set as receivers (Rx).
  - Receive Reset: Press this option to “unlink” to the receiving lights.
- Mode:
  - PrSet: There are 50 preset colors, Dimmer (D) selection from 0-255 brightness, and a Strobe (S) selection from 0-20 (0 being off to 20 being the fastest speed). Press Enter to go into the PreSet settings, when one of the three selections is highlighted red by navigating with the Up/Down button, press Enter to change the settings by pressing UP/Down button, then Enter to save. Press Menu to back out to home page.
  - Custom: There are four custom colors you can create. A, B, C, D. Press Enter to go into the Custom color selection. Press Up/Down button to select A, B, C, or D, then Enter. Then you can adjust the Dimmer from 0-255 brightness, Strobe from 0-25, Red from 0-255, Green from 0-255, Blue from 0-255, White from 0-255, Amber from 0-255 and UV from 0-255. Press Menu to back out to home page.

- Auto: There are (10) Auto Programs (Pr) and (10) Fade Programs (fa) with speed control, 00-10 (slow to fast).
- Sound: There are (10) Auto Sound Programs (Pr) and (10) Fade Sound Programs (fa) with sensitivity (Se) control level 00-10.
- System Settings:
  - Display: There are four options: Full On, 60%, 30%, Off. Full On will have the display lit up always. 60% will have the display lit up by 60% full brightness and shut off at 60 seconds. Once the Menu button is pressed, the display will light up at 60% brightness. 30% will have the display lit up by 30% full brightness and shut off at 60 seconds. Once the Menu button is pressed, the display will light up at 30% brightness. Off will turn the display off at 60 seconds, once the Menu button is pressed, the display will light up at full brightness.
  - Display Rev: Display Reverse, once you set On it will reverse the words in the display. The words will be upside down.
  - Key Lock: If you want to lock the display buttons from being pressed, turn On Key Lock. The buttons will lock in 60 seconds. The code to get back into the fixture is Button “Up”, “Down”, “Up”, “Down”, “Enter”. In other words, Button 2, 3, 2, 3, 4.
  - Light Number: 01-85 – Make your selection of how many lights you have (01-85) to access the Auto/Fade Program sequences. Each light is to be addressed by series of 6. So light 1 is addressed 001, light 2 is addressed 007, light 3 is addressed 013, light 4 is addressed 019, light 5 is addressed 025 and so forth.
  - RF Remote: Turn On or Off
  - Reset Reload: Press this to set the IconMATE™ to Standard Settings that are in **Bold** in above chart.

## RF Remote Buttons:

- ON/OFF: ON is running the programs, OFF blacks out the lights. You will see on the IconMATE™ display screen the word On or Off for easy reference.
- UP: Used to select programs on AUTO, FADE, SOUND, PRE SET and adjust the Master Dimmer.
- DOWN: Used to select programs on AUTO, FADE, SOUND, PRE SET and adjust the Master Dimmer.
- AUTO: 1-10 Auto Programs. \*Set Light Number on IconMATE™ to how many lights you have addressed to utilize the Auto programs. **NOTE**: The AUTO button has 2 functions when pressed. When pressed, you will see on the IconMATE™ display that it says Auto1 and the ► (play) symbol. This is when you can press the UP or DOWN button to access AUTO 1-10. When you press the AUTO button again, you will see the ■■ (pause) symbol. This will freeze the scene of the AUTO program. Simply press the AUTO button again to play the scene.
- FADE: 1-10 Fade Programs. \*Set Light Number on IconMATE™ to how many lights you have addressed to utilize the Fade programs. **NOTE**: The FADE button has 2 functions when pressed. When pressed, you will see on the IconMATE™ display that it says Fade1 and the ► (play) symbol. This is when you can press the UP or DOWN button to access FADE 1-10. When you press the FADE button again, you will see the ■■ (pause) symbol. This will freeze the scene of the FADE program. Simply press the FADE button again to play the scene.
- SPEED: 01-10 (slow to fast). Press the SPEED Button then press the UP or DOWN button to adjust the speed of AUTO or FADE Programs. You will see on the bottom right side of the IconMATE™ display screen the word Sp( ).
- PRE SET: Once pressed, use the UP or DOWN button to scroll through the 1-50 Pre-Set colors.

- **SOUND:** Once pressed, use the UP or DOWN button to scroll through 1-20 Sound Modes. Press the SPEED button to adjust the sensitivity (Se) level (00 least-10 most). You can reference your selection on the IconMATE™ display on the bottom corners.
- **STROBE:** Press to strobe any setting you are on. Adjust the speed (01 slow-20 fastest) by pressing the UP or DOWN button after STROBE is pressed. To stop strobing, press the STROBE button again.
- **MAST DIM:** Master Dimmer, press this button and then UP or DOWN button to adjust the brightness from (0 off to 255 brightness).
- **25% DIM:** Press to quickly dim down the brightness of the light by 25%. The value is set at 190. Press the 25% DIM button again to set back at 255 brightness.
- **50% DIM:** Press to quickly dim down the brightness of the light by 50%. The value is set at 128. Press the 50% DIM button again to set back at 255 brightness.
- **CUSTOM A:** Press to make and save custom color A with the Red, Green, Blue, White, Amber, UV buttons below (0-255 value). This custom color A will be saved here.
- **CUSTOM B:** Press to make and save custom color B with the Red, Green, Blue, White, Amber, UV buttons below (0-255 value). This custom color B will be saved here.
- **CUSTOM C:** Press to make and save custom color C with the Red, Green, Blue, White, Amber, UV buttons below (0-255 value). This custom color C will be saved here.

**RED** ↑      **GREEN** ↑      **BLUE** ↑  
**RED** ↓      **GREEN** ↓      **BLUE** ↓  
**WHITE** ↑      **AMBER** ↑      **UV** ↑  
**WHITE** ↓      **AMBER** ↓      **UV** ↓

## DMX Channel

### 6CH Mode

CH	DMX Value	Function
CH1	0-255	RED dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH2	0-255	GREEN dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH3	0-255	BLUE dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH4	0-255	WHITE dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH5	0-255	AMBER dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH6	0-255	UV dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)

### 6A CH Mode

CH	DMX Value	Function
CH1	0-255	RED dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH2	0-255	GREEN dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH3	0-255	BLUE dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH4	0-255	AMBER dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH5	0-255	WHITE dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)
CH6	0-255	UV dimmer (0-1 Off, 2-255 Dimmer from Dim to Bright)

For more information, please contact Support by email at [support@eternallighting.com](mailto:support@eternallighting.com)