

ColorKey
creative lighting

StagePar COB TRI

CKU01-2210 (US) / CKE01-2210 (EU)



USER MANUAL

Introduction

Thank you for purchasing the ColorKey StagePar COB TRI. Please read these instructions carefully before use. Operating this fixture according to these instructions is important to avoid any possible damage or accidents caused by misuse.

➤ Packing list

- 1x StagePar COB TRI moving head fixture
- 1x Power cord
- User Manual

Safety

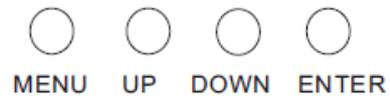
Caution! Opening this unit voids warranty. Contact ColorKey for any service requests.

Warning! To avoid electrical shock, be sure to disconnect power before any service or when moving or setting up the fixture.

Caution! Avoid direct eye exposure with the fixture when on.

- This fixture is for indoor use only.
- This fixture must be installed a minimum distance of 5 meters (16'4") away from any lighted objects.
- Do not install or operate this fixture near flammable materials.
- This device must be installed, operated, and maintained by a qualified professional.
- Do not touch the fixture with bare hands during operation as the surface temperature of the fixture can exceed 60°C (140°F). Turn off power and wait 15 minutes for the fixture to cool before attempting to touch it.
- Please check if the voltage is in accordance with the rated power before installing.
- Do not operate this fixture if the power cord has been damaged. Turn off fixture and replace with a power cord of similar rating.

Display Operation



- MENU: Access the menu/Scroll through menu options
- ENTER: Open/Select the current menu option
- UP: Scroll through menu selection or parameter increase
- DOWN: Scroll through menu selection or parameters decrease

DMX Values

Channel	Function	Description
CH1	Total dimming	RGB total dimming, linear dimming, from dark to light
CH2	Total strobe	RGB total strobe, from slow to fast
CH3	Function selection	0-50: DMX seven channel control; 51-100: Jumping 101-150: Gradual change 151-200: pulse change 201-255: Sound
CH4	Function Speed	Function speed, from slow to fast
CH5	R dimmer	R dimmer, linear dimming, from dark to light
CH6	G dimmer	G dimmer, linear dimming, from dark to light
CH7	B dimmer	B dimmer, linear dimming, from dark to light

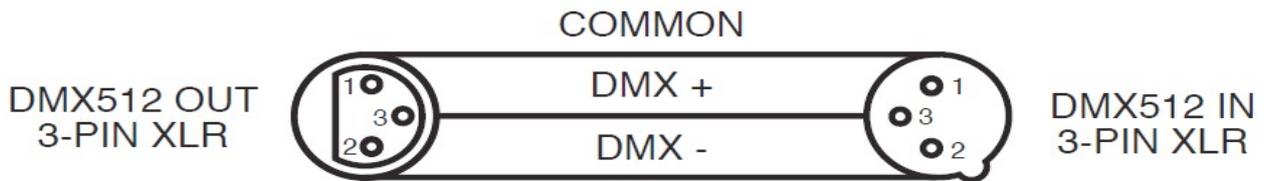
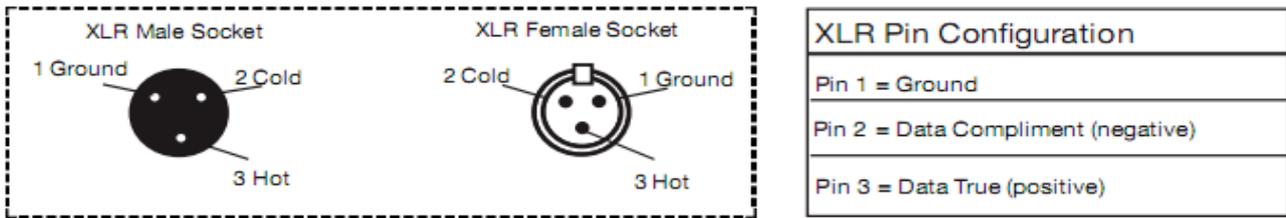
Menu Guide

NO.	Display	Function Description
1	D0001	Seven channel address codes (001-512) B, C key plus or decrease code value
2	CC00	Colorful hopping (01-99) B, C key to modify the transition speed
3	CP00	Colorful pulse change, gradual change (01-99) B, C key to modify the pulse and gradual speed
4	DE00	Colorful combination changes (01-99) B, C key modify the combination of the rate of change
5	BEBE	Colorful Sound changes
6	R220	Red color selection (000-255) B, C key to modify the color selection
7	G220	Green color selection (000-255) B, C key to modify the color selection
8	B220	Blue color selection (000-255) B, C key to modify the color selection

DMX Connections

➤ DMX Cable:

The StagePar COB TRI can be controlled via DMX using a 3-pin XLR connection. The standard DMX connection is XLR is: one end connects to the male plug, and the other connects to the female. As below: pin 1: ground, pin 2: negative signal, pin 3: positive signal



Noted: In order to avoid failures and interference signal transmission, we connect a resistance 120Ω ($1/4W$) at the end of the DMX connecting as below:



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance $120\text{ Ohm } 1/4\text{ W}$) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

➤ The Conversion between 3 pin and 5 pin XLR

If the output cable of DMX512 controller is the 5PIN, please use 1pc 5PIN to 3PIN cable

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

Master/Slave Mode Operation

Master/Slave

Master/Slave mode allows you to connect multiple units together using one (1) unit to control others in a chain. When a fixture is set to 'Master Mode,' this unit will always act as a controlling unit until it is switched out of 'Master Mode'. The Master unit will send out signal via DMX to Slave units which will react in synchronization. When a fixture is set into 'Slave Mode', this fixture will receive the Master signal. To avoid master signal and DMX signal interference, do not connect DMX when using Master/Slave mode. If using a DMX run longer than 60 meters and/or over 32 units, a signal amplifier may be required.

Troubleshooting

Problem	Solutions
No DMX control	<ul style="list-style-type: none">◆ Make sure that the DMX cable is properly connected◆ Make sure that the DMX controller is operational◆ Check the DMX cable for tears or breaks◆ Make sure that the fixture is in DMX mode
Fixture does not respond to sound	<ul style="list-style-type: none">◆ Make sure that the fixture is in Sound Active mode.

Technical Information

Power supply: AC100-240V;50-60Hz

Light source: 1x100w COB LED (RGB)

Power consumption: 120W

Control: Auto, Master/Slave, DMX 512, Sound active

Channel: 7 channels

Working temperature: up to 40° C

IP rate: IP20

Notice to consumer: ColorKey offers a 1-year limited warranty. Please visit our website at www.ColorKeyLED.com to register your product.

Please note: As we continue to work towards improving our products and your experience as a user, we recommend that you check our website periodically for updates to user manuals and specifications at www.ColorKeyLED.com or you may contact us directly at info@colorkeyled.com.