

PIXAPRO®

LECO 500



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Instruction Manual English

LECO500

LECO 500

Instruction Manual | English



Model: **LECO500**

Foreword

Thank you for purchasing this PIXAPRO product!

This **LECO 500** video light provides a wide spectrum, beautifully soft and even illumination for video and still photography. The four reflective barndoors can maximize the light efficiency. Three models are available: **The LECO500** is Daylight Balanced at (5600K), **LECO500T** Yellow Version (3300K), and **LECO500B** Bi-Colour Version (3300K-5600K). Equipped with a remote control, this light can wirelessly adjust its brightness and color temperature.

Features:

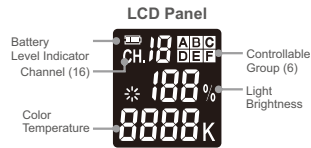
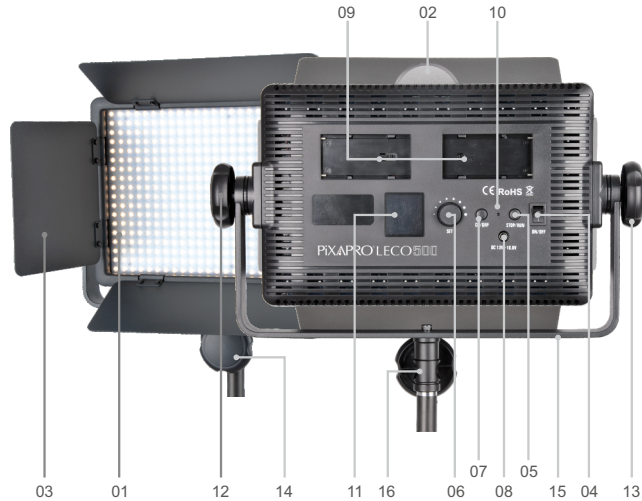
- 504-LED-bulbs panel is lithium-ion or DC powered
- Three versions to offer more choices
- Wirelessly adjust brightness or color temperature
- Wireless 433MHz grouping system (6 groups & 16 channels)
- Large-sized LCD panel. Settings auto saved.

Type	Model
White Version (Color Temperature 5600K)	LECO 500
Yellow Version (Color Temperature 3300K)	LECO 500T
Version(Color Temperature 3300K-5600K) Changeable	LECO 500B

For your safety

- ⚠ Do not place in high temperature or high humidity conditions.
- ⚠ If this product overheats, it will cease operation and resume working after cooling down. This is due to the built-in overtemperature protection.
- ⚠ Do not handle with wet hands, immerse in water, or expose to rain.
- ⚠ Observe precautions when handling batteries:
 - Do not mix new and used batteries or batteries of different types.
 - Do not put batteries into a fire or apply direct heat to it.
 - Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove batteries out when the product will not be used for a long time or when batteries run out of charge.
 - Should liquid from batteries come into contact with skin or clothing, rinse immediately with fresh water.

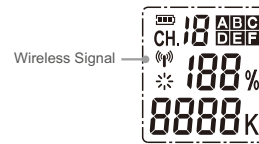
Parts



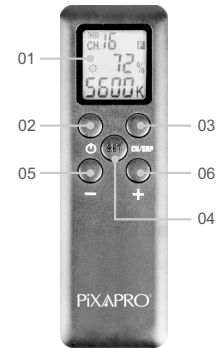
- | | | |
|------------------------------|---------------------------------|---------------------------|
| 01. 504 LED Beads | 08. DC Power Jack | 14. Knob C |
| 02. Color Filters | 09. Lithium Battery Compartment | 15. Bracket |
| 03. Reflector | 10. Power Indicator | 16. Bracket Mounting Hole |
| 04. ON/OFF Power Switch | 11. LCD Panel (White in Blue) | 17. Power Adapter |
| 05. STOP/RUN Button | 12. Knob A | |
| 06. Select Dial + SET Button | 13. Knob B | |
| 07. CH/GRP Button | | |

Remote Control:

- | | |
|--------------------------------|-------------------------------|
| 01. LCD Panel (Black in White) | 05. "-" Button |
| 02. Power Switch | 06. "+" Button |
| 03. CH/GRP Button | 07. Battery Compartment |
| 04. SET Button | 08. Battery Compartment Cover |



Wireless Signal



Power Management

1. Power Supply

Two power supply modes are available:



- Using lithium battery: Put two SONY BP-L model lithium batteries (purchased separately) into the battery compartment separately.
- Using DC power jack: This light can be powered by DC power supply. Use a 13~16.8V adapter (included) to connect the light with the DC power jack (08).

Note:

- When using lithium battery, the Battery Level Indicator is displayed on the LCD panel. When the indicator blinks, the lithium battery power is low. Please recharge it immediately before usage in order to avoid forceful auto off.

2. Installing Lithium Battery

- Turn the Power Switch (04) off.
- Target the socket of the lithium battery towards the "+" "-" contacts of the Battery Compartment (09). Push the battery in until it locks.
- Power the light on.
- After using the light, please power it off.



Using the Video Light

- Screw the Knob C (14) to the highest point and install the light stand onto the Bracket Mounting Hole (16).
- Tighten the Knob C (14).



Operation

1. Before Usage

- Insert the lithium battery or connect the light with the DC power supply.
- Switch the power on, the Power Indicator (10) is on and the video light giving out light.
- Press the STOP/RUN Button to control the video light on and off
- LCD panel shows the information.



2. Light Brightness/Color Temperature Adjustment

Adjusting Light Brightness

- Turn the select dial to adjust the light brightness.

The light brightness adjustable range changes at different color temperature with different models.

Model	Color Temperature	Light Brightness Range
LECO 500T	3300K	10%~100%
LECO 500	5600K	
LECO 500B	3300K/5600K	10%~100%
	3400K~5500K	25%~100%

Adjusting Color Temperature

- Press the SET button once and the color temperature icon blinks.

Turn the select dial to adjust color temperature.

Color temperature range:

White Version	Yellow Version	Changeable Version
LECO 500	LECO 500T	LECO 500B
5600K	3300K	3300K~5600K

NOTE:Color temperature of LECO 500 or LECO 500T is invariable.
The LCD panel only shows 5600K or 3300K.

3. Wireless Remote Control

With 433 MHz wireless system, this product has remote grouping and control function. Up to 6 groups of LED light can be controlled. 16 channels are available with strong anti-interference capability. Please set the channels and groups of LED video light to the same as those of remote control before usage.

Adjusting Channel/Group of the LED Video Light

- Press the CH/GRP button and the group icon blinks. Turn the select dial to choose a group ID (A to F).
- Press the CH/GRP button twice and the channel icon blinks. Turn the select dial to choose a channel ID (1 to 16).

Adjusting Channel/Group of the Remote Control

- Press the CH/GRP button and the group icon blinks. Press the "+" "-" button to choose a group ID (A to F).
- Press the CH/GRP button twice and the channel icon blinks. Press the "+" "-" button to choose a channel ID (1 to 16).

Adjusting Light Brightness/Color Temperature with the Remote Control

- Press the "+" "-" button to adjust the light brightness.
- Press the SET button of the remote control once and the channel icon blinks. Press the "+" "-" button to adjust the color temperature.

Note: The wireless signal can be received only when the LED light is power on.

Other Operation Tips:

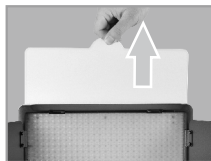
- Pressing the ON/OFF button on the remote control can turn on/off all the LED groups.
- Pressing the "SET" button on the remote control for 2 seconds can turn on/off the current LED group.
- The remote control will auto power off after four hours of idle operation.

Tips of Using Remote Control:

- (1)When using the White Version LECO 500, please set the color temperature of the remote control as 5600K constantly;
- (2)When using the Yellow Version LECO 500T, please set the color temperature of the remote control as 3300K constantly;
- (3)Please remove the battery if the light will not be used for an extended period of time.

4. Replacing A Color Filter

- Pinch the edge of the color filter (02) and pull it out upwardly.
- Insert a new color filter in and push it downwardly. Then the color filter is securely in position.



What's in the Box of LECO 500?

NO.	Included Item	LECO 500	LECO 500T	LECO 500B
1	LED Video Light	1 PCS	1 PCS	1 PCS
2	Remote Control	1 PCS	1 PCS	1 PCS
3	Power Adapter	1 PCS	1 PCS	1 PCS
4	Diffusion Filter	1 PCS	1 PCS	1 PCS
5	Yellow Filter	1 PCS	NO	NO
6	Blue Filter	1 PCS	NO	NO



LED Video Light



Remote Control



Power Adapter

Technical Data

LECO 500 Video Light	White Version LECO 500	Yellow Version LECO 500T	Changeable Version LECO 500B
Lithium Battery	SONY: NP-F970*2(lithium battery) (sold separately)		
DC Power Supply	13~16.8V		
Channel	16		
Group	6 groups(A,B,C,D,E,F)		
Power	Max. 32W		
Color Temperature	5600K±300K	3300K±300K	3300K~5600K ±300K
Brightness(LUX)	2900 (1m)	2900 (1m)	2900 (1m/4200K)
			1450 (1m/3300K)
			1450 (1m/5600K)
Light Brightness Range	10%~100%	10%~100%	3300K/5600K :10%~100%
			3400K~5500K :25%~100%
LED Beads Quantity	504	504	5600K : 252
			3300K : 252
Operation Temperature	-10~50 °C		
Dimension	390mm*300mm*60mm		
Net Weight	1.44kg		

Remote Control	RC-A5
Power Supply	3.0V(AAA*2)(not include)
Wireless Frequency	433MHz
Distance(emptiness)	20m
Channel	16
Group	6 groups(A, B, C, D, E, F)
Standby Time	Over one year
Operation Temperature	-10~50 °C
Dimension	120mm*38mm*15mm
Net weight	30g

* Product design and specifications are subject to change without notice.