DRACAST

PLUS SERIES LED500 INSTRUCTION MANUAL

THANK YOU

- Thank you for purchasing your Dracast PLUS Series LED500. We're confident that your Dracast light will provide years of reliable service.

- Please review this instruction booklet before using your Dracast light.

- To ensure proper continued operation, only use the power supply that is included with your Dracast LED500.

- To protect your eyes, do not look directly into the LED500 while it is powered on.

- To prevent electric shock, the LED500, power supply, and any batteries should be kept away from water or excessive moisture. Never submerge the LED500 or power supply.

- Make sure that the ventilation slots on the back of the LED500 are clear during operation. Covering these vents will cause the unit to overheat and possibly malfunction.

- To extend the life of the LED500, turn the unit off when it is not in use.

- Store the LED500 in a clean, dry place with good ventilation. Do not store the LED500 in direct sunlight for extended periods.

- In case of malfunction, do not open your Dracast LED500 unit. Please consult your nearest Dracast repair center for assistance. Opening the Dracast unit will void its one-year warranty.

FEATURES

- Anodized aluminum frame and all-metal chassis

- DIgital LCD display with light output, color temperature, and DMX address

- Local and remote DMX control

- 95 CRI (Color Rendering Index) for ultra-pure light

- High output. Up to 5500 Lux or 511 Footcandles

- V-Mount and Gold Mount battery plates included

- Included mounting yoke for use with 5/8" (baby pin) studs

- Locking yoke knobs

- Optional barn doors, filters, soft boxes, batteries, and more

INCLUDED IN THE BOX

- x1 Dracast PLUS Series LED500

- x1 12V A/C Power Supply for LED500

- x1 5/8" Mounting Yoke

- x1 Nylon soft carrying case

- x1 Clear plastic LED board protector

- x1 V-Mount battery plate

- x1 Gold-Mount battery plate

Powering the light

The Dracast PLUS Series LED500 has three power options to choose from.

- A/C Power - Plug the power supply (included) into the XLR port on the back of your LED500. Press the power switch to "ON"

- V-Mount Battery - Attach a V-Mount lithium-ion battery (not included) to the V-Mount battery plate included with your LED500. Press the power switch to "BATTERY"

- Gold Mount Battery - Attach a Gold-Mount lithium-ion battery (not included) to the Gold-Mount battery plate included with your LED500. Press the power switch to "BATTERY"

Understanding the Controls

Your Dracast PRO Series is equipped with full DMX 512 remote functionality. The dimming and color controls (if available) can be controlled either via a standard DMX controller or locally by using the control knobs on the back of the fixture.

The control panel has an LCD display and four buttons directly below it. These four buttons perform the following actions.

SETUP - Cycles through each adjustable option. (Currently selected menu item flashes.)
UP - Adjust the selected item up.
DOWN - Adjust the selected item down.
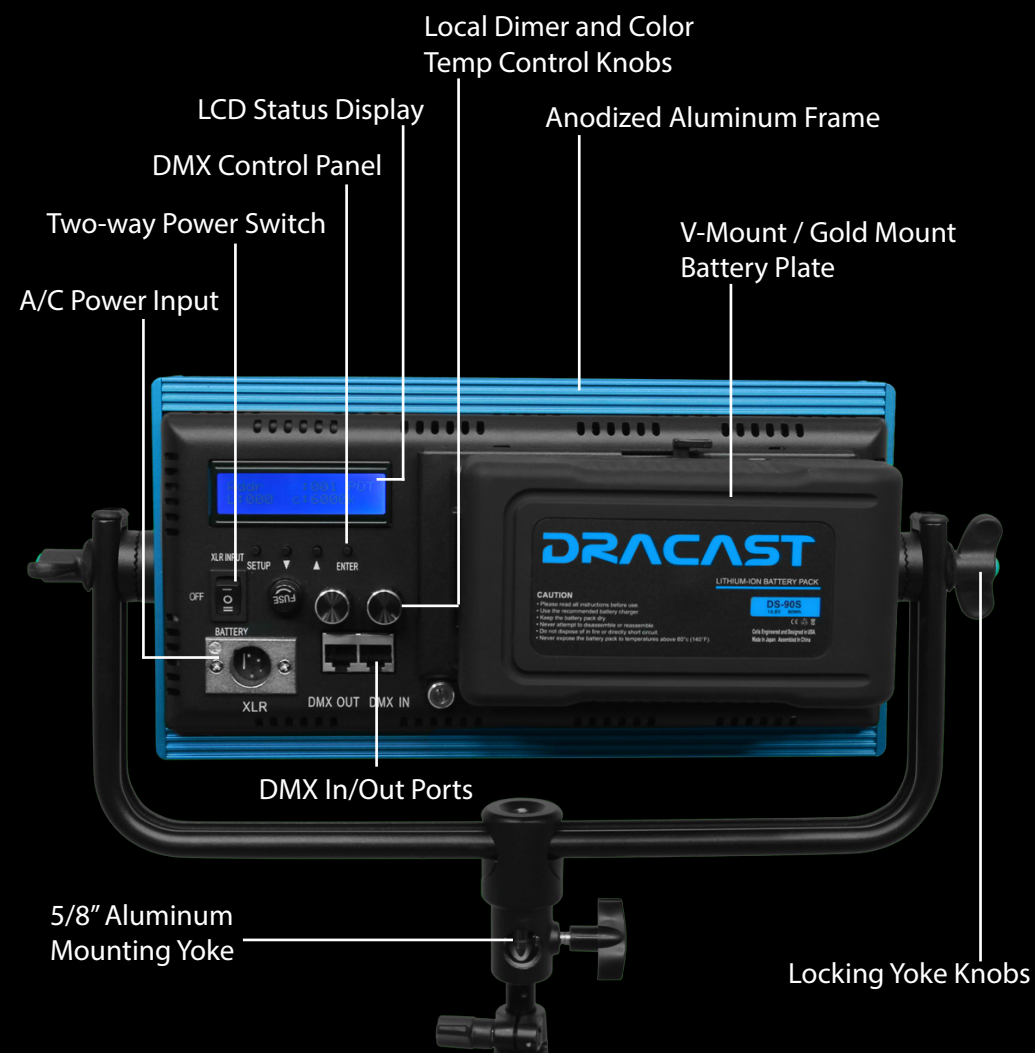ENTER - Confirms the current selection.

	3 ft / 0.9 m	6 ft / 1.8 m	9 ft / 2.7 m	12 ft / 3.6 m
LED500 PLUS 5600K DRPL-LED500-DV/DG	511 fc 5500 lux	144 fc 1550 lux	53 fc 725 lux	40 fc 430 lux
LED500 PLUS 3200K DRPL-LED500-TV/TG	353 fc 3800 lux	107 fc 1150 lux	49 fc 530 lux	28 fc 300 lux
LED500 PLUS 3200K - 5600K DRPL-LED500-BV/BG	251 fc @ 3200K 409 fc @ 4400K 181 fc @ 5600K	70 fc @ 3200K 116 fc @ 4400K 49 fc @ 5600K	33 fc @ 3200K 56 fc @ 4400K 25 fc @ 5600K	19 fc @ 3200K 33 fc @ 4400K 14 fc @ 5600K
	2700 lux @ 3200K 4400 lux @ 4400K 1950 lux @ 5600K	750 lux @ 3200K 1250 lux @ 4400K 530 lux @ 5600K	350 lux @ 3200K 600 lux @ 4400K 265 lux @ 5600K	200 lux @ 3200K 350 lux @ 4400K 150 lux @ 5600K

Local Dimer and Color
Temp Control Knobs

LCD Status Display

Anodized Aluminum Frame

DMX Control Panel

Two-way Power Switch

V-Mount / Gold Mount
Battery Plate

A/C Power Input

5/8" Aluminum
Mounting Yoke

DMX In/Out Ports

Locking Yoke Knobs

Optical System: 512, 5mm LED bulbs in 32 x 16 arrangement

Light Aperture: 4.75 x 10 inches (120 mm x 253mm)

Beam Angle: 45 Degrees

Weight: 4 lbs

Handling: Aluminum Yoke, Dual Locking Tilt Control

Mounting: Baby 5/8" Pin

Tilt Angle: +/- 90 degrees

Voltage Input: 12 V DC

Power Consumption: 30 W

Power Connection: 4-Pin XLR, 110 - 240 VAC, 50 - 60 Hz, 2.0 A

Battery Connection: V-Mount or Gold Mount Battery Plate (included)

Battery DC Voltage: 14.8 V DC

Battery Light Output: 100% of Total Output

Color Temperature: 3200K - 5600K (Variable or fixed color temperature depending on model)

Color Rendition: CRI > 95

Dimming: 0 - 100% Continuous

Controls: Local On-Board Manual Controls, RJ45 DMX In / Out Ports

Housing Color: Anodized Blue / Black

Housing build: Aluminum

Estimated LED Lifetime: 50,000 hours

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