



# DRACAST

PRO SERIES LED500 INSTRUCTION MANUAL



## THANK YOU

- Thank you for purchasing your Dracast PRO 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
- 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 PRO 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

## OPERATING INSTRUCTIONS

### Powering the light

The Dracast PRO 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"

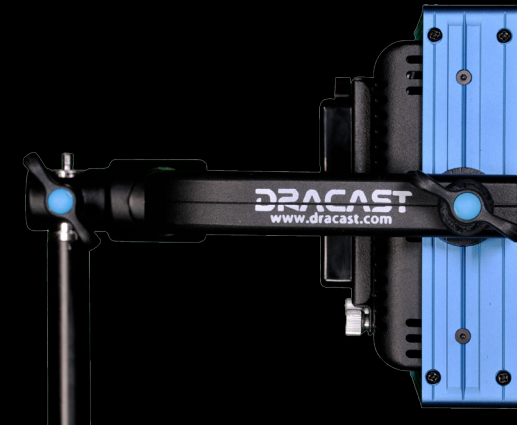
- Gold Mount Battery - Attach a Gold-Mount lithium-ion battery (not included) to the Gold-Mount battery plate included with your LED500. Press the power switch to "BATTERY"

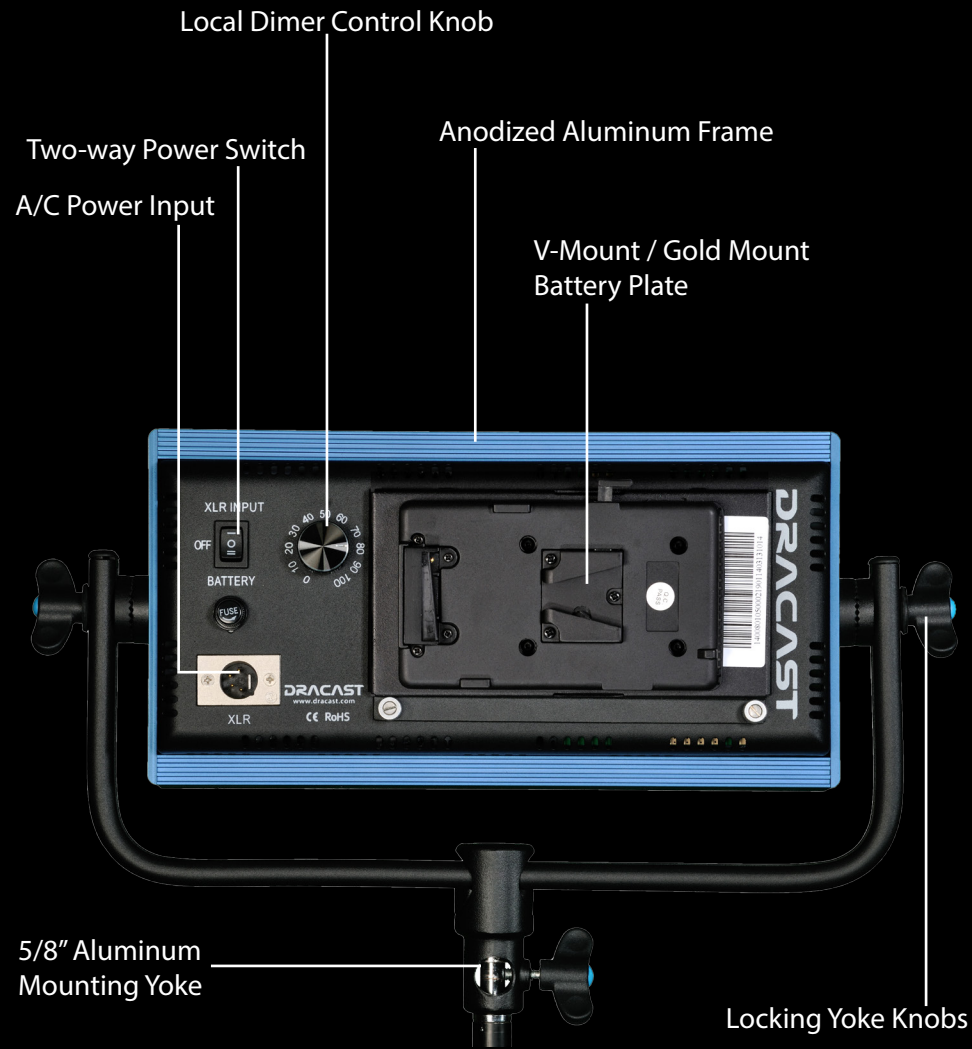
### Understanding the Controls

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 knob on the back of the fixture.

## PHOTOMETRIC DATA

	3 ft / 0.9 m	6 ft / 1.8 m	9 ft / 2.7 m	12 ft / 3.6 m
LED500 PRO 5600K DRP-LED500-DV/DG	511 fc 5500 lux	144 fc 1550 lux	53 fc 725 lux	40 fc 430 lux
LED500 PRO 3200K DRP-LED500-TV/DV	353 fc 3800 lux	107 fc 1150 lux	49 fc 530 lux	28 fc 300 lux
LED500 PRO 3200K - 5600K DRP-LED500-BV/BG	271 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





- 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
- Housing Color:** Anodized Blue / Black
- Housing build:** Aluminum
- Estimated LED Lifetime:** 50,000 hours

# DRACAST

[www.dracast.com](http://www.dracast.com)

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