



LED LITEDIMMER HYBRID



Advanced flicker-free LED dimming.

LiteDimmer Hybrid is the most advanced handheld LED dimmer on the market. It is the backbone of LiteGear's Hybrid LED products. Hybrid LiteRibbon™ is designed with both daylight and tungsten LED emitters that when used with LiteDimmer Hybrid allow precise adjustment of Kelvin temperature ranging from 3200K to 6000K. Its simple yet powerful approach to controlling color temperature and brightness sets a new standard of performance and quality while allowing the kind of flexibility demanded from lighting professionals.

LiteDimmer Hybrid utilizes a unique LiteGear design called DynaRhythmic PWM, which allows Kelvin and brightness settings to remain completely independent. This allows the user to lock in the brightness level desired and then dial in a precise Kelvin temperature anywhere in the full spectrum range from tungsten to daylight. All this is accomplished with the confidence of knowing that all settings are completely flicker-free, tested at camera speeds up to 480 FPS. One LiteDimmer Hybrid is capable of controlling approximately 1,200 VHO LED emitters. This equates to 10 meters of Pro 120-X1 Hybrid and 20 meters of Pro 60-X1 Hybrid.

LiteDimmer Hybrid offers a beautiful, full output dimming range from 0% to 100% and also includes different modes that allow for greater control of LiteRibbon™. LOW mode dramatically increases the range of adjustment on the low-end, allowing for appropriate level control when working at low light levels. OVERDRIVE mode increases the light output by up to one full F-stop and truly allows for the dimmer to be maxed out. And 2-CHANNEL mode allows LiteDimmer Hybrid to function as two "Single" dimmers when needed.



FEATURES

- Smooth, fully dimmable control dial with hideaway function
- Flicker-free operation up to 480FPS
- 3-position rocker switch (ON/OFF/ALT mode*)
- Panel-mounted input and output connectors
- Multicolor indicator light
- Rugged aluminum enclosure with non-scratch rubber end caps
- Software upgradable as new features are introduced

* See "Software Specifications" below for details.

HARDWARE SPECIFICATIONS

SIZE: 70mm (2.75") wide x 36mm (1.4") tall x 95mm (3.75") long
 INPUT: 12/24V DC, (10-30V DC); Input voltage must match load voltage requirements!
 RATING: 8 amps max. total, 8 amps max. per channel (STANDARD CAPACITY, 8A); 15 amps max. total, 15 amps max. per channel (HIGH CAPACITY, 15A)
 WATTAGE: 96 watts max. (STANDARD CAPACITY, 8A); 180 watts max. (HIGH CAPACITY, 15A)
 WEIGHT: 6.016 oz, 171 g (STANDARD CAPACITY, 8A); 6.496 oz, 184 g (HIGH CAPACITY, 15A)
 OUTPUT: DynaRhythmic PWM Does not provide "Current Limiting." For use with LiteGear products only.

SOFTWARE SPECIFICATIONS

CODE: Proprietary code written in-house by Motion Picture Lighting Technicians
 MODE: Standard Hybrid mode, allows Kelvin adjustment
 ALT MODE: Low mode, reduces the output by 2 F-Stops (25%); 2-Channel mode, allows independent control of 2 separate single color circuits, adapter included; Overdrive mode, provides the absolute maximum output

Rear panel showing connectors

5.5mm x 2.1mm barrel input connector and a PH3 output connector.



LITEGEAR PRODUCTS
 ARE DESIGNED BY
 I.A.T.S.E. LOCAL 728 MEMBERS
 HOLLYWOOD, CALIFORNIA, USA



MADE WITH GENUINE LITERIBBON™
 THE PROVEN, ORIGINAL LED RIBBON
 USED ON THOUSANDS OF
 FILM AND TELEVISION PROJECTS



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