EclPanel TWCXL

ORDER CODE: ECLPANELTWCXL



Source

1.500W RGB + Warm White LED

IP rating

IP20

Weight

48,7kg / 107.36lbs

The **EclPanel** TWCXL is an ultra-bright LED soft light engineered for large scale Film & TV productions that provides an outstanding soft source of powerful lighting. The PROLIGHTS **EclPanel** TWCXL comes with a full range of white tones, from daylight to tungsten, attaining a superior light quality with high CRI, TLCI, and TM-30 values. The **EclPanel** TWCXL allows for quick and accurate local control through 4 rotatory knobs with three fully-featured modes: CCT with +/- green shift, HSI for total control of hue, saturation and intensity and FX mode to access the pixel cinema effects. Each of the 48 sections has individual control to play the customisable cinema effects or by pixel mapping from an external controller. The unit has an onboard driver, a built-in power supply, a Wireless transceiver for remote DMX and RDM control, and network connectivity (Art-Net, sACN).

MAIN FEATURES

- 1.500W RGB + Warm White LED source
- CRI >93; R9 >95; TLCI >93
- 48 section pixel control and built-in lighting effects for cinema applications, colour gels matching
- Silent operation with multiple fan modes
- Wireless DMX and RDM for wireless control and communication, Ethernet connectivity

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 1.500W RGB + Warm White LED
- Luminous flux: 130'725 @3.200 K with LD filter
- Lux: 2'442lx @5 m full
- CRI: 93,4 @3.200 K; 95.4 @5.600 K
- R9: 95.6 @3.200 K; 95,9 @5.600 K
- TLCI: 93 @5.600 K
- TM30 Rf: 91,9 @3.200 K; 90,3 @5.600 K
- TM30 Rg: 103,5 @3.200 K; 102,5 @5.600 K
- Source life expectancy: > 50.000 h

COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, Colour Macros, CTO on colours
- CCT: CCT control range from 1.800K to 20.000K, + / - green correction, tungsten emulation
- White presets: 1.800 K - 20.000K
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

CONNECTIONS

- Power connection: 32A Neutrik powerCON IN
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1.600W
- Output (at 230V): 1 units on a single power line
- Standby power: 110VAC/21W, 230VAC/26W
- Power factor: >0,98

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning

OPTICS

- Beam angle: 109°
- Field angle: 158°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Pixel control: 48 section control
- RDM: for remote addressing and parameter configuration
- Display: 3.5" with new UI
- Stand Alone: selectable mode through 4 RGB backlight push-encoders

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 40,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

PHYSICAL

- IP rating: IP20
- Cooling: forced-air with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 1623x1201x186mm
- Weight: 48,7kg

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

- 1 x ECLPANELTWCXL
- 1 x EPTWCXLSPG
- 1 x 2,5 meters 3G4mmq power cable (BARE END - 32A NEUTRIK POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



EPTWCXLSPG
Spigot for ECLPANELTWCXL



FCLPANELXL1U
Flight case for 1 pc of ECLPANELTWCXL



EPTWCXLFILTERINT
Front intensified diffusion filter for ECLPANELTWCXL



EPTWCXLFILTERHD
Front high diffusion filter (less output) for ECLPANELTWCXL



EPTWCXLFILTERMD
Front medium diffusion filter for ECLPANELTWCXL



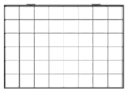
EPTWCXLFILTERLD
Front low diffusion filter (more output) for ECLPANELTWCXL



EPTWCXLEC30
30 degree egg crate for ECLPANELTWCXL



EPTWCXLEC60
60 degree egg crate for ECLPANELTWCXL



EPTWCXLEC48C
48 chambers egg crate for ECLPANELTWCXL



EPTWCXLSB
Short bracket for ECLPANELTWCXL



EPTWCXLRC
Rain Cover for ECLPANELTWCXL



MENAC3FCHC
Power-con 32A cable mount straight connector, IN 32A (1P+N+E)



EPTWCXLSG40
40° SnapGrid, for ECLPANELTWCXL by DoP choice



EPTWCXLSRXL
Fat-Rabbit for ECLPANELTWCXL by DoP choice



EPSRXLSBRED8
SNAPBAG 8ft DoubleHEX for ECLPANELTWC fat-rabbit (EPTWCXLSRXL)



EPSRXLSBRER65
SNAPBAG 6' x 5' for ECLPANELTWC rabbit-ears (EPTWCXLSRXL)



EPSBRER65SG40
40° SnapGrid, to be mounted on SnapBag 6' x 5' (EPSRXLSBRER65)

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



C6040B
Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black



C6044B
Selflock slim clamp for 28mm spigot, 100 kg load, 40-70 mm tubes, black



RSR0670B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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ACCESSORIES & RELATED PRODUCTS



AETHERBOXONE

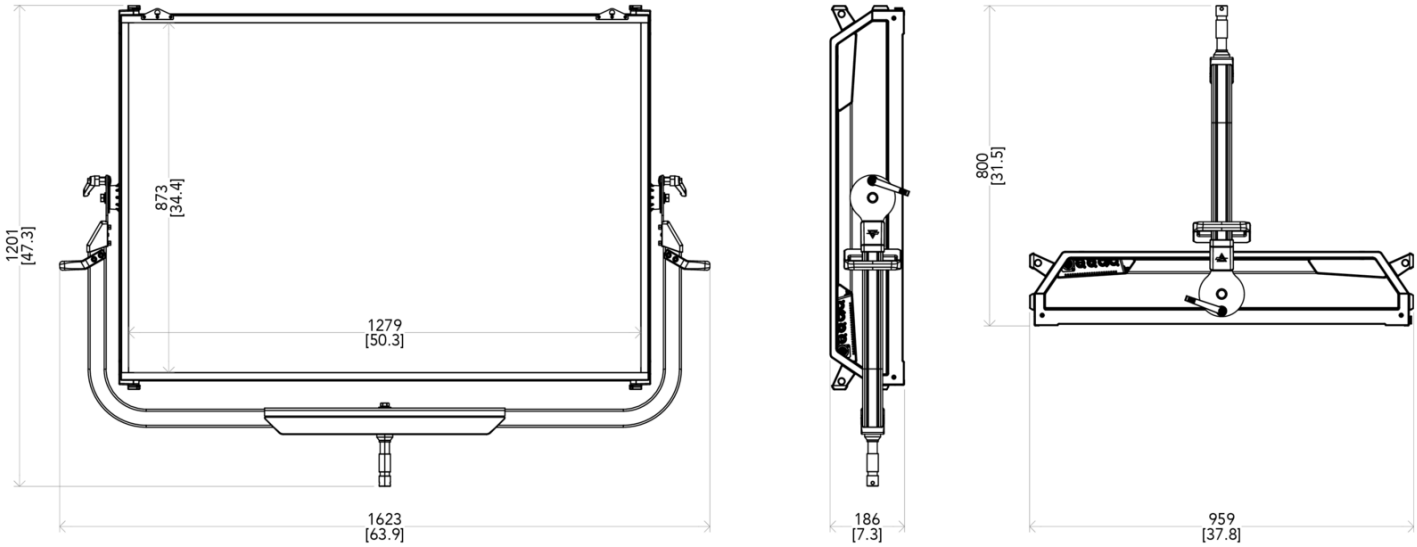
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



AETHERBOX

IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

TECHNICAL DRAWINGS



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