

EclPanel TWCJR

370W Tunable White and colourful LED soft light with pixels and lighting effects (driven @ 220W)

ORDER CODE: **ECLPANELTWCJR**



EclPanel TWCJR, is the compact 1x1 LED soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the PROLIGHTS **EclPanel TWCJR** comes with a full range of white reproductions, from daylight through to tungsten tones, reaching a superior light quality with high CRI, TLCI and TM-30. The **EclPanel TWCJR** allows for quick and accurate local adjustment of light through 3 rotatory knobs with three fully featured modes: CCT with +/- green shift, HSI for total control of hue, saturation and intensity, FX mode to access the on board pixel cinema effects. The unit can also be controlled on a per-section basis, allowing for reproduction of onboard customisable effects or to be self-made through the lighting desk. Both methods provide eye-candy, with the appealing and modern front looks and cinematic special effects. The unit is designed with an onboard driver and built-in power supply and, being lightweight, the **EclPanel TWCJR** offers easy rigging and cabling making it the perfect lighting tool for every location.

MAIN FEATURES

- 370W RGB + Warm White LED source (driven @ 220W)
- CRI > 94; R9 > 88,8; TLCI > 92
- 4 section pixel control and built-in lighting effects for cinema applications
- Silent operation with multiple fan modes
- Battery connection (4pXLR 24-36V): compatible with industry standard external batteries (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 370W RGB + Warm White LEDs (driven @ 220W)
- Luminous flux: 17'109lm @4.000 K with LD filter
- Lux: @4000K, 265lx @5 m
- CRI: 90 @3.200 K; 94 @5.600 K
- R9: 84,1 @3.200 K; 88,8 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 90 @3.200 K; 89,4 @5.600 K
- TM30 Rg: 105 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 102°
- Field angle: 158°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, Color Macros, CTO on colors
- Colour mixing: RGB + Warm White
- CCT: CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000K with 28 K resolution
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

DYNAMIC EFFECTS

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

BODY

- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, W-DMX, rotatory knob
- Stand Alone: selectable mode through 3 rotatory knobs
- Pixel control: 4 section control
- Wireless Control: included, Wireless Solution transceiver
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 24-36V
- Max power consumption: 230W
- Power factor: >0,97

PHYSICAL

- IP rating: 20
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: XLR 4p
- Dimensions (WxHxD): 410x430x144 mm / (with PO system) 547x430x144mm
- Weight: 10,5 kg / (with PO system) 11,8kg

CERTIFICATIONS / APPROVALS

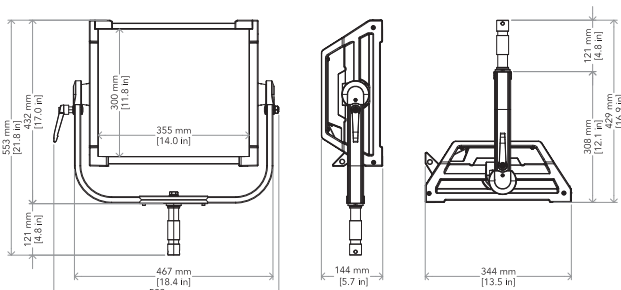
- CE, cTUVus, UKCA

ACCESSORIES & RELATED PRODUCTS

9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,BI uetooth,G3,G4,G4S,G5,CRMX
FCLPANELJR1U	Flight case for 1 pc of ECLPANELTWCJR
FCLPANELJR4U	Flight case for 4 pcs of ECLPANELTWCJR
ECLPANELJRPOYO	Pole operated aluminium yoke bracket for ECLPANELTWCJR
EPTWCJRBAG1U	Bag for 1 pc of ECLPANELTWCJR
EPTWCJRRRC	Rain Cover for ECLPANELTWCJR
EPTWCJRFILTERINT	Front intensified diffusion filter for ECLPANELTWCJR
EPTWCJRFILTERHD	Front high diffusion filter (less output) for ECLPANELTWCJR
EPTWCJRFILTERMD	Front medium diffusion filter for ECLPANELTWCJR
EPTWCJRFILTERLD	Front low diffusion filter (more output) for ECLPANELTWCJR
ECLFRSPG	Spigot for PROLIGHTS fixtures
EPTWCJREC30	30 degree egg crate for ECLPANELTWCJR
EPTWCJREC60	60 degree egg crate for ECLPANELTWCJR
EPTWCJREC4C	4 chamber egg crate for ECLPANELTWCJR
EPTWCJRBD	Barn door with 4 directional flaps to adjust the light beam

EPTWCJR5B11	SnapBag 1x1 for ECLPANELTWCJR by DoP choice
EPTWCJR5G4SB1140	40° SnapGrid for SnapBag, 1x1 for ECLPANELTWCJR by DoP choice
EPTWCJR5G1140	40° SnapGrid, 1x1 for ECLPANELTWCJR by DoP choice
EPSREM	Rabbit-Ears 1x1 MINI for ECLPANELTWCJR by DoP choice
EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP. Incl. Lantern, Backcovers, Carry Bag
EPSBRL3C4	Cover for Snapbag Lantern 3' (EPSBRL3) by DoP choice; 4 sides, adj. with zipper
EPSBRM	SnapBag Medium to be mounted on Rabbit Ears by DoP.
EPSCGM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)
EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.
EPSCG3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)
EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.
EPSCG5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.
EPSCG7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
EPSBCMNSM	Diffusion MAGIC cloth for Snapbag 60x60cm (EPTWCJR5B11) by DoP choice
EPSBCMNSF	Diffusion FULL Grid cloth for Snapbag 60x60cm (EPTWCJR5B11) by DoP choice
EPSBCMNSH	Diffusion HALF Grid cloth for Snapbag 60x60cm(EPTWCJR5B11) by DoP choice
EPSBCMNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x60cm (EPTWCJR5B11) by DoP choice
EPSBCMNSQFM	Diff. cloth SET (1/4, 1/1,MAGIC) for Snapbag 60x60cm (EPTWCJR5B11) by DoP choice
EPTWCJRLANT11	Snapbag Lantern for ECLPANELTWCJR by DoP. Incl. Lantern, Backcovers, Carry Bag
SWIT500W2KIT	24/48V 500W battery (>1.2hrs) KIT including 2*PBH260S smart power batt.+st.adapt
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

TECHICAL DRAWINGS



For more product
info and downloads
visit our website

