

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: 17'109 @4.000 K with LD filter
- Lux: @4000K, 265lx @5 m
- CRI: 94,2 @3.200 K; 95,4 @5.600 K
- R9: 93,3 @3.200 K; 87,4 @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, Colour Macros, CTO on colours
- Colour mixing: RGB + Warm White
- CCT: Max 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 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

CONTROL

- Supported Protocols: DMX512, RDM, W-DMX, rotatory knob
- Pixel control: 4 section control
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: selectable mode through 3 rotatory knobs

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 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Low Voltage DC connector: XLR 4p

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 24-36V
- Max power consumption (230V): 230W
- Output (at 230V): 12 units on a single power line
- Power factor: >0,97

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): 529x432x144mm / 20.83"x17.01"x5.67"
- Dimensions with PO system (WxHxD): 546x556x144mm / 21.5"x21.89"x5.67"
- Weight: 10,5kg / 23.15lbs
- Weight with PO system: 11,8kg / 26.01lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

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

BOX CONTENT

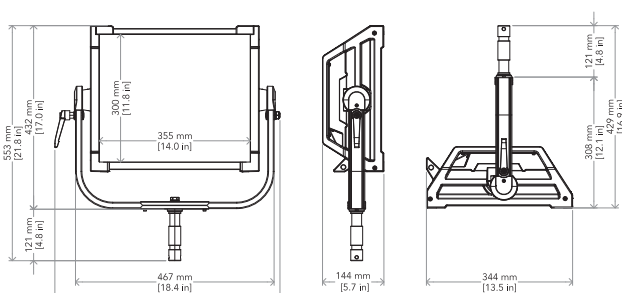
- 1 x ECLPANELTWCJR
- 1 x ECLFRSPG
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FX XLR (f) 5p, L.3m
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
FCLPANELJR4U	Flight case for 4 pcs of ECLPANELTWCJR
9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
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
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
FCLPANELJR1U	Flight case for 1 pc of ECLPANELTWCJR
EPTWCJRRC	Rain Cover for ECLPANELTWCJR
ECLPANELJRPOYO	Pole operated aluminium yoke bracket
EPTWCJRBBAG1U	Bag for 1 pc of ECLPANELTWCJR
EPTWCBRKM	Center mount bracket for ECLPANELTWCJR and ECLPANELTWC2X1
EPTWCBHEAD	Ball head joint for center mount bracket EPTWCBRK series
EPTWCJRFILTERINT	Front intensified diffusion filter for
EPTWCJRFILTERHD	Front high diffusion filter (less output)
EPTWCJRFILTERMD	Front medium diffusion filter (included)
EPTWCJRFILTERLD	Front low diffusion filter (more output)
ECLFRSPG	Spigot for PROLIGHTS Fresnel series (included)
EPTWCJREC30/60	30/60 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
EPTWCJRSG4SB1140	40° SnapGrid for SnapBag, 1x1 by DoP choice
EPTWCJRSG1140	40° SnapGrid, 1x1 by DoP choice
EPSREM	Rabbit-Ears 1x1 MINI by DoP choice
EPSBRL5	Snapbag Lantern 5' for Rabbit-Ears by DoP. Incl. Lantern, Carry Bag

EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP choice Incl. Lantern, Backcovers, Carry Bag
EPSBRL5C4	Cover for Snapbag Lantern 5' (EPSBRL5) by DoP choice; 4 sides, adj. with zipper
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 choice
EPSCGM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)
EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP choice
EPSCG3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)
EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP choice
EPSCG5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
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 choice
EPSCG7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
EPSBCMNMS	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
SPGM12	28mm spigot for fixtures, M12 bolt
SPGM10	28mm spigot for fixtures, M10 bolt
TIMOUFG	Wireless PCB upgrade kit from Tiny PCB to TimoFX PCB
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

