

# 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

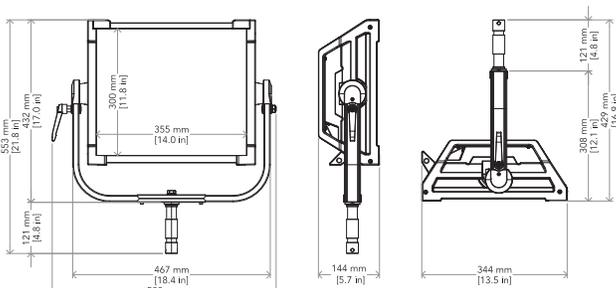
### CERTIFICATIONS / APPROVALS

- CE, cTUVus, UKCA

## ACCESSORIES & RELATED PRODUCTS

• 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	• EPTWCJRSB11	SnapBag 1x1 for ECLPANELTWCJR by DoP choice
• 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	• EPTWCJRSB1140	40° SnapGrid for SnapBag, 1x1 for ECLPANELTWCJR by DoP choice
• 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m	• EPTWCJRSB1140	40° SnapGrid, 1x1 for ECLPANELTWCJR by DoP choice
• C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	• EPSREM	Rabbit-Ears 1x1 MINI for ECLPANELTWCJR by DoP choice
• C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	• EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP. Incl. Lantern, Backcovers, Carry Bag
• RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black	• EPSBRL3C4	Cover for Snapbag Lantern 3' (EPSBRL3) by DoP choice; 4 sides, adj. with zipper
• TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m	• EPSBRM	SnapBag Medium to be mounted on Rabbit Ears by DoP.
• WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch	• EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)
• WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2,45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX	• EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.
• WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2,45GHz & 5.8GHz, DMX/RDM optional	• EPSG3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)
• WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2,45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX	• EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.
• FCLPANELJR1U	Flight case for 1 pc of ECLPANELTWCJR	• EPSG5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
• FCLPANELJR4U	Flight case for 4 pcs of ECLPANELTWCJR	• EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.
• ECLPANELJRPOYO	Pole operated aluminium yoke bracket for ECLPANELTWCJR	• EPSG7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
• EPTWCJRBAG1U	Bag for 1 pc of ECLPANELTWCJR	• EPSBCMNSM	Diffusion MAGIC cloth for Snapbag 60x60cm (EPTWCJRSB11) by DoP choice
• EPTWCJRRC	Rain Cover for ECLPANELTWCJR	• EPSBCMNSF	Diffusion FULL Grid cloth for Snapbag 60x60cm (EPTWCJRSB11) by DoP choice
• EPTWCJRFILTERINT	Front intensified diffusion filter for ECLPANELTWCJR	• EPSBCMNSH	Diffusion HALF Grid cloth for Snapbag 60x60cm(EPTWCJRSB11) by DoP choice
• EPTWCJRFILTERHD	Front high diffusion filter (less output) for ECLPANELTWCJR	• EPSBCMNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x60cm (EPTWCJRSB11) by DoP choice
• EPTWCJRFILTERMD	Front medium diffusion filter for ECLPANELTWCJR	• EPSBCMNSQFM	Diff. cloth SET (1/4, 1/1,MAGIC) for Snapbag 60x60cm (EPTWCJRSB11) by DoP choice
• EPTWCJRFILTERLD	Front low diffusion filter (more output) for ECLPANELTWCJR	• EPTWCJRLANT11	Snapbag Lantern for ECLPANELTWCJR by DoP. Incl. Lantern, Backcovers, Carry Bag
• ECLFRSPG	Spigot for PROLIGHTS fixtures	• SWIT500W2KIT	24/48V 500W battery (>1.2hrs) KIT including 2*PBH260S smart power batt.+st.adapt
• EPTWCJREC30	30 degree egg crate for ECLPANELTWCJR	• UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT
• 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		

## TECHICAL DRAWINGS



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