

EclPanel TWC

740W Tunable White and colourful LED soft light with pixels and lighting effects (driven @ 430W)

ORDER CODE: **ECLPANELTWC**



EclPanel TWC, is the compact 2x1 LED soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the PROLIGHTS **EclPanel TWC** 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 TWC** 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 TWC** offers easy rigging and cabling making it the perfect lighting tool for every location.

MAIN FEATURES

- 740W RGB + Warm White Led source (driven @430W)
- CRI > 95,5; R9 > 92; TLCI > 92
- 8 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: 740W RGB + Warm White LEDs (driven @ 430W)
- Luminous flux: 34'236 @4.000 K with MD filter
- Lux: @4000K, 517lx @5 m
- CRI: 94,6 @3.200 K; 95,5 @5.600 K
- R9: 97 @3.200 K; 92 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 92 @3.200 K; 89,5 @5.600 K
- TM30 Rg: 103 @3.200 K; 102,4 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 102°
- Field angle: 159°
- 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: 2.800K - 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: 8 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
- Selectable PWM: 600 to 36000 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): 460W
- Output (at 230V): 6 units on a single power line
- Power factor: >0,94

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): 819x431x144mm / 32.24"x16.97"x5.67"
- Dimensions with PO system (WxHxD): 836x431x144mm / 32.91"x16.97"x5.67"
- Weight: 15,3kg / 33.73lbs
- Weight with PO system: 17,1kg / 37.7lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

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

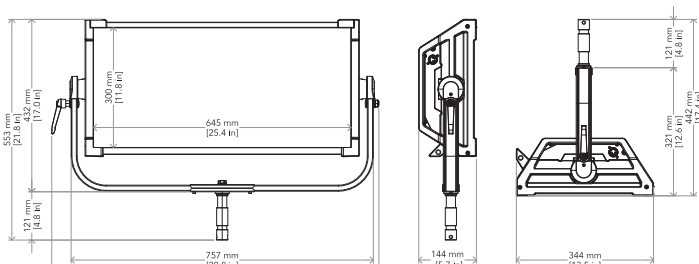
BOX CONTENT

- 1 x ECLPANELTWC
- 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

▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector	▪ EPSGC5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
▪ FCLPANEL1U	Flight case for 1 pc of ECLPANELTWC	▪ EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.
▪ FCLPANEL3U	Flight case for 3 pcs of ECLPANELTWC	▪ EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
▪ EPTWCBAG1U	Trolley bag for 1 pc of ECLPANELTWC	▪ EPSBCFNMS	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCBHEAD	Articulation for center mount yoke EPTWCCYOKEFIX series	▪ EPSBCFNFS	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCBRKL	Center mount bracket for ECLPANELTWC and ECLPANELTWCJR4X1	▪ EPSBCFNFSH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCRC	Rain Cover for ECLPANELTWC	▪ EPSBCFNQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ ECLPANELPOYO	Pole operated aluminium yoke bracket for ECLPANELTWC	▪ EPSBCFNSQFM	Diffusion cloth SET(1/4,1/1,MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCFILTERINT	Front intensified diffusion filter for ECLPANELTWC	▪ EPSBCFNSQHF	Diffusion cloth SET (1/4, 1/2,1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCFILTERHDD	Front high diffusion filter (less output) for ECLPANELTWC	▪ EPTWCLANT21	Snapbag Lantern for ECLPANELTWC by DoP. Incl. Lantern, Backcovers, Carry Bag
▪ EPTWCFILTERMD	Front medium diffusion filter for ECLPANELTWC	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ EPTWCFILTERLD	Front low diffusion filter (more output) for ECLPANELTWC	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures	▪ TIMOUPG	Wireless PCB upgrade kit from Tiny PCB to TimoFX PCB
▪ EPTWCEC30	30 degree egg crate for ECLPANELTWC	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ EPTWCEC60	60 degree egg crate for ECLPANELTWC	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ EPTWCEC8C	8 chamber egg crate for ECLPANELTWC	▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
▪ EPTWCBDR2	Barn door with 4 directional flaps to adjust the light beam	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ EPTWCSB21	SnapBag 2x1 for ECLPANELTWC by DoP choice	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ EPTWCSG4SB2140	40° SnapGrid for SnapBag, 2x1 for ECLPANELTWC by DoP choice	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ EPTWCSG2140	40° SnapGrid, 2x1 for ECLPANELTWC by DoP choice	▪ TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FFX XLR (f) 5p, L.3m
▪ EPSRER	Rabbit-Ears 2x1 Rectangular for ECLPANELTWC by DoP choice	▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
▪ EPSBRL5	Snapbag Lantern 5' for Rabbit-Ears by DoP. Incl. Lantern, Carry Bag	▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP. 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.		
▪ EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)		
▪ EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.		
▪ EPSGC3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)		
▪ EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.		

TECHICAL DRAWINGS



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

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