



ChromaPix is a LED matrix module capable of projecting volumetric graphics, simulating a 3D effect. The generated effect is a wall of LEDs, performing a long through projection of sharp beams in the air which are brighter than conventional LED screens. It offers great flexibility of control with various static alphanumeric and gobo pattern, dynamic pattern, with speed, index, rotation, background and foreground control, dimmer fade which can be controlled by DMX, ArtNet and KlingNet.

MAIN FEATURES

- 25(5x5 matrix)x10W Osram Ostar RGBW / FC LEDs
- 9° Optics through high-definition narrow collimators
- DMX, Art-Net and Kling-Net control protocol supported
- Pixel control: individual control of each single LEDs
- Advanced FX generator with dynamic pixel macros, static patterns, adjustable foreground and background colours, dimmer fade, speed and rotation

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 25(5x5)x10W RGBW Osram LED
- Luminous flux: 7'431
- Lux: 26'204lx @3 m full
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 6°
- Field angle: 15°
- Pixel pitch: 100mm / 3.94"
- Lens diameter: 35mm / 1.38"
- Lens type: HD anti-reflection lenses with achromatic coating

COLOUR SYSTEM

- Colour mixing: RGBW / FC
- White presets: 2.800 K - 10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

BODY

- Hardware on-board: on board mechanics for modular assembly of multiple fixtures
- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL

- Protocols: DMX512, Art-Net, Kling-Net
- DMX channels: 3 / 4 / 6 / 10 / 100 / 105channel

ACCESSORIES & RELATED PRODUCTS

- 9513FCAL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket, L.3m
- TOUR53415L03 Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

- Pixel control: pixel2pixel control
- Display: LCD display
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Operating temperature: -10° ~ +45°
- LED Control: flicker free operation

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 315W
- Max power consumption (at 120V): 320W
- Output (at 230V): 6 units on a single power line

PHYSICAL

- IP rating: 20
- Cooling: active, silent operation
- Suspension and fixing: bracket for truss rigging and hardware for connection of more units
- Signal connection: Neutrik XLR 3p + 5p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- Dimensions (WxHxD): 500x500x115mm / 19.69"x19.69"x4.53"
- Weight: 12kg / 26.46lbs

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA

- 9533FCAL03 Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FCA socket, L.3m
- TOUR53413L03 Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FXX XLR (f) 3p, L.3m
- 958025L03 3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB, L. 3m
- UPBOX1UP5 Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector