DREAMPANEL SHIFT

AYRTON
Digital Lighting

DREAMPANEL SHIFT   Imagine display

017450

The DREAMPANEL SHIFT is the magic blend of two technologies: the continuous pan-tilt rotation of the MAGICPANEL and the new control system from the HDMI DREAMPANEL HD-BOX (patent pending). An innovative 48 circuits rotating connector has been developed to enable the smooth, undisturbed transmission of video signals through pan & tilt rotation. The DREAMPANEL SHIFT was designed with an entirely new type of RGB LED whose flat black casing and internal reflector provide absolute contrast and allow for breathtaking graphic effects, while avoiding stray reflections from the other light emitters. The 6 mm pitch of the DREAMPANEL SHIFT offers the perfect balance of definition required to display video media on stage, of screen size for enabling full HD, and of overall system brightness.

Each DREAMPANEL SHIFT tile receives the entire HDMI 1080P image but displays only its allotted portion of the image. The HDMI luminaires can be daisy-chained in any order without any concern for lines and rows. The HDMI DREAMPANEL MANAGER software allows the overall system parameters to be set for any desired configuration. Because each tile can be set with its own orientation inside the overall image, the user is able to create highly complex shapes. As with the MAGICPANEL-R, pan & tilt movement can be controlled through Art-Net or sACN via an Ethernet link.

LIGHT SOURCE
- 4,096 multi-chip RGB LED source
- Pixel resolution: 64 x 64
- Pixel pitch: 6 mm
- Brightness: 3,500 nit (cd/m2)
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- 16.7 million colours
- 8 bit colour control
- 14 bit internal colour control
- Colour calibration of each pixel

SOFTWARE FEATURES
- Panel control via DREAMPANEL HD-BOX
- Geometric configuration via software

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- Neutrik® HDMI 1.3a connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- ArtNet™ & sACN protocol
- HDMI compatible
- Local control panel
- 3 DMX modes (6 to 8 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 200 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Operating positions: all
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 473 x 641 x 407 mm (l x h x d)
- Foam: 559 x 662 x 367 mm (l x h x d)

WEIGHT
- Product: 15.6 kg

PRODUCT CODE
- 017450: DREAMPANEL SHIFT