

IMPRESSION X5 COMPACT



Key Facts

- individual pixel control, circular aperture and circular ring and line arrangement
- super fast 540° or 650° extended Pan Range
- super fast zoom for punchy 3.5° narrow beam to 66° homogen wide wash

Technical Data (1/2)

LIGHT SOURCE

Type	RGBL LED
Power	40 W
Count	7
Lifetime	50.000 h
LED Refresh Rate	Low Optimal High 1 High 2 Max
CCT	6,500 K
Duv	perfect white point matches with low Duv values
CRI	6,500 K: 90 3,200 K: 85
TLCI	6,500 K: 90 3,200 K: 75

OPTICAL SYSTEM

Output	up to 3,980 lm
Max. Peak Luminous Intensity	650 kcd
Min. Zoom	3.6°
Max. Zoom	66°
Zoom Ratio	1:17
Output Lenses	7 lenses with full circular aperture, diameter 1580 mm / 6.22 in

DYNAMIC EFFECTS

Color mixing	RGB RGBL x:y
CTC	2,500 – 10,000 K
CQC	High Output (HO) High Quality (HQ) Desaturation
Color wheel	virtual, 64 LEE referenced colors
Magenta/Green-Shift	yes
Tungsten Simulation	8x linked to fix CCT 8x relative to Colormix
Pattern Effects	50 dynamic pattern macros with special effects
Color Mix Priority	different Layer Priority settings
Zoom	3.5° – 60°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

Technical Data (2/2)

MOVEMENT

Pan	540° normal, 650° extended, 16 bit
Tilt	236°, 16 bit
Pan / Tilt Movement Speed	Super Fast Pan/Tilt Movement

CONTROL & PROGRAMMING

DMX Channels	M1: CH22 M2: CH33 M3: CH36 M4: CH51 M5: CH32 M6: CH39
Control Modes	M1: Basic M2: Normal M3: Segment M4: Multipix Advanced M5: Multipix Compressed RGB M6: Multipix Compressed RGBL
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN GLP iQ.Mesh
High-Res Channels	Pan Tilt Intensity Colormix
Dimming Curves	Linear Soft S-Curve
Performance Modes	Fast Normal (Balanced) Smooth
Fan Modes	Regulated High Medium Low Off
Subfixture Mode	Normal Independent
White Points	8,000 K 5,600 K 4,200 K 3,200 K
PWM	Low Optimal High 1 High 2 Max
Setting and addressing	Backlit graphic LCD 4 Button Menu Navigation DMX RDM iQ.Service App
Others	1 Scene Stand Alone Art-Net/sACN Node Data Conversion GLP iQ.Mesh FPO Port (Flexible Protocol Option) SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg GLP iQ.Mesh Fixture2Fixture Push

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out Neutrik etherCON port A & B (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	350 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	5 °C – 45 °C / 40 °F – 115 °F
Thermal Protection	Automatic overtemperature protection
Total heat dissipation	1,200 BTU/hr

INSTALLATION

Mounting	1 pair of 1/4-turn locks 2x Safety Cable attachment point 1x M10 Screw Thread for direct mount of Rigging Clamp
Orientation	Any
Location	Indoor permanent

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic Aluminum Steel
Protection Rating	IP 20
Construction Features	prepared for external accessories (Egg Crate; Tubus, electromechanical modules, etc) baseless design

SHIPPING

Single fixture	Carboard
Tourpack	4-way 6-way

DIMENSIONS & WEIGHT

Height Head vertical	337 mm / 13.27 in
Width across yoke	250 mm / 9.84 in
Depth	183 mm / 7.20 in
Weight netto	7.5 kg / 16.6 lbs