

IMPRESSION X5 IP MAXX



Key Facts

- IP 65 rated
- for high output and best color gamut
- new GLP iQ.Gamut technology
- total lumen Output of up to 21,000 lm with puchy 3.33 Mcd in narrow
- fast wide zoom range from 66° field down to high contrast 3.3° beam angle

Technical Data (1/2)

LIGHT SOURCE

Type	RGLB LED
Power	40 W
Count	37
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	8,000 K: 87 6,500 K: 86.7 3,200 K: 84.8
TLCI	8,000 K: 90 6,500 K: 88.5 3,200 K: 74.1

OPTICAL SYSTEM

Output	up to 21,000 lm
Max. Peak Luminous Intensity	3.33 Mcd
Min. Zoom	3.3°
Max. Zoom	66°
Zoom Ratio	1:19
Output Lenses	37 lenses with full circular aperture, diameter 380 mm / 14.9 in

DYNAMIC EFFECTS

Color mixing	RGB RGLB 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	3.3° – 66°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

MOVEMENT

Pan	540° normal, 650° extended, 16 bit
Tilt	240°, 16 bit

Technical Data (2/2)

Pan / Tilt Movement Speed	Super Fast Pan/Tilt Movement
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CONTROL & PROGRAMMING

DMX Channels	M1: CH22 M2: CH33 M3: CH42 M4: CH141 M5: CH123 M6: CH160
Control Modes	M1: Basic M2: Normal M3: Segment M4: Multipix Advanced M5: Multipix Compressed RGB M6: Multipix Compressed RGLB
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN GLP iQ.Mesh LumenRadio CRMX
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 NFC 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	1,500 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	5 °C – 45 °C / 40 °F – 115 °F
Thermal Protection	automatic
Total heat dissipation	5,120 BTU/hr

INSTALLATION

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

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic Aluminum Steel
Protection Rating	IP 65
Construction Features	prepared for external accessories (Egg Crate; Tubus, electromechanical modules, etc) Tilt-Lock-System

SHIPPING

Single fixture	Cardboard
Tourpack	2-way

DIMENSIONS & WEIGHT

Height without Rubber feet	631 mm / 24.8 in	
Height with Rubber feet	640 mm / 25.2 in	
Width across yoke	483 mm / 19 in	
Depth home	Head 90°	348 mm / 14.1 in
Weight netto	30 kg / 77.2 lbs	

ARTICLE NUMBERS

impression X5 IP Maxx	7796
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