

# IMPRESSION X5 IP MAXX



## Key Facts

- for high output and best color gamut
- new GLP iQ.Gamut technology
- total lumen Output of up to 24,500 lm with puchy 3.33 Mcd in narrow
- fast wide zoom range from 65° field down to high contrast 3.5° beam angle

## Technical Data (1/2)

### LIGHT SOURCE

Type	RGBL 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	6,500 K: 90   3,200 K: 85
TLCI	6,500 K: 90   3,200 K: 75

### OPTICAL SYSTEM

Output	up to 24,500 lm
Max. Peak Luminous Intensity	3.33 Mcd
Min. Zoom	3.5°
Max. Zoom	65°
Zoom Ratio	1:19
Output Lenses	37 lenses with full circular aperature, diameter 380 mm / 14.9 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° – 65°
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
with Rubber feet	640 mm / 25.2 in
Width across yoke	483 mm / 19 in
Depth	348 mm / 14.1 in
Weight netto	30 kg / 77.2 lbs

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