

IPROMOTION™

Elevate your bar, club, stage, or retail promotions to new heights with the cutting-edge Robe iProMotion™ IP65-rated moving head effects and video projector.

The sleek and compact iProMotion™ projector delivers a vibrant output of 1.000 ANSI Lumens using its enduring 20.000 hour LED source. With advanced RGB and CMY colour mixing capabilities, colour temperature control, digital gobos, graphic effects, and video projection, the possibilities are limitless - rain or shine!

Empowering creativity, iProMotion™ allows seamless uploads of custom artwork, photos, and videos, with live streaming input from external HD multimedia interfaces. Its 32 GB high-speed internal memory provides plenty of storage. As you would expect the iProMotion™ ensures precise control over projection including keystone, iris, grey box, and motorized focus adjustments.

Choose from two projection formats – 16 x 9 Landscape or 9 x 16 Portrait - to suit your artistic vision. The beam angle is 17-degrees, with an optional 26-degree lens available. For clarity and focus, the optional ADM™ Automatic Distance Meter ensures sharp projection without manual intervention.

Remote content management, with NAS client automatic content synchronization, and a real-time clock enable stop and start time of content, even in stand-alone operation.

Our innovative ingress protection system, featuring patented RAINS™ technology, actively regulates humidity, temperature, and pressure within the fixture, guaranteeing optimal performance. parCOAT™ lens coating technology ensures crisp projection regardless of weather conditions, with its oleophobic and hydrophobic repelling properties.

Crafted to endure extreme conditions, the iProMotion™ boasts POLAR+™ technology, enabling operation in temperatures as low as minus 50 degrees Celsius, perfect for outdoor applications in the harshest environments.

Designed to inspire creativity, iProMotion™ HDP allows easy uploads of custom artwork, photos, and videos. It supports real-time content delivery and external video input via a High Definition interface, enabling seamless integration of live and external sources for a dynamic display experience.

Weighing just 21 kg with its lightweight magnesium alloy construction and featuring network integration capability with CRMX wireless DMX control the iProMotion™ sets a new standard for outdoor moving head projection and effects, delivering unmatched performance, resilience, and

KEY FEATURES

Light source

High power RGB LED engine
Full HD resolution

Light output

Comparable with 5000 ANSI lumen lamp projectors

Zoom range

17° (throw ratio 3.5:1)
26° (throw ratio 2.3:1 wide lens option)

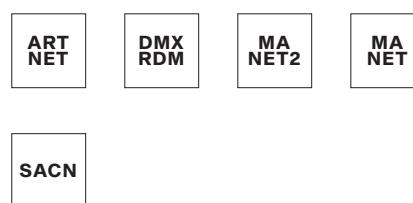
Effects

Digital gobo wheel
Effect wheel
Videos
In-air effects
Live input

STANDARD & SPECIFICATION

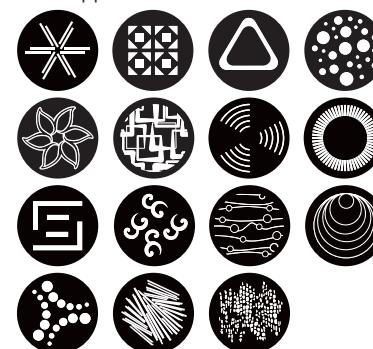


CONTROL & PROTOCOLS



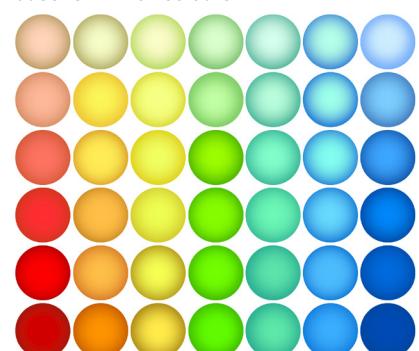
OPTIC OPTIONS

Digital Gobo Wheel Standard digital gobo wheel contains 100 images, 100 videos and 50 black and white gobos, while the user's digital gobo wheel is supplied with just examples of images and videos of various different applications.



OPTIC OPTIONS

LED colours RGB LED source is able to produce 16.7 million colours.



FINISH OPTIONS



Pure White
RAL 9010

OPTIC OPTIONS

Colour Modifying

Colour modification has never been easier. By applying colour filters, colour keying or masking effects one can achieve quick and powerful colour transitions.



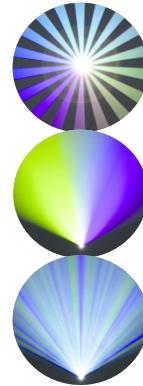
Gobo Transition

Simple to use preprogrammed automatic gobo transition can easily be selected. Automatic transition feature can be combined with gobo auto playback for super quick set-up.



Mid-Air Effects

The IPromotion™ internal effect engine can generate spectacular mid-air animations with colourful laser like beams.



Kaleidoscopic Effects

The Kaleidoscopic effects allow the user to generate many new and appealing graphical effects from the current content.



Picture & Movie

The IPromotion™ micro-media server supports MPEG4 and H264 video formats as well as JPEG image files (max. 1920 x 1080 pixel). Includes factory media content and custom artwork. Still photographs and video can also be simply uploaded for projection.



Digi Iris

Digi Iris is a flexible masking tool that changes the shape of the image or video. Various shapes are available as well as hard/soft edge iris types.



Grey Box Correction

This effect allows you to trim digital black edges when using a gobo projection or other non-fullscreen content.



Keystoning

IPromotion™ provides a full set of keystone parameters. Picture distortion can be corrected in X and Y directions. Special Auto Keystoning feature can correct the image during pan and tilt movement.



Automatic Distance Meter

ADM™ (Automatic Distance Meter) is a unique technology based on an invisible spectrum source of light and set of sensors, to provide very precise distance information. This technology works perfectly with almost every possible surface, and helps the operator to maintain a sharp projection during dynamic pan and tilt movement. Autofocusing in real time is now a feature bringing IPromotion™ to an even higher technological level.

Remote Content Management

Remote Content Management allows custom media content to be easily managed in large number of IPromotion™ devices simultaneously, and remotely, without the need for anyone to be present. This is an ideal solution for retail applications where content can be regularly updated in a chain of stores, shopping centers, car showrooms, bowling centers, sports facilities, restaurants, bars and clubs. The Management system works from any desktop or mobile platform simply by using a web browser, either via wired Ethernet network or by utilizing wireless Access Point, built directly into IPromotion™. RCM provides facilities for uploading, viewing and removal of content media files. Automatic synchronization of content ensures content consistency across the fleet of devices, and has been designed to allow for the addition of further devices to the installation, without the need to perform any further content management.

SPECIFICATION

SOURCE	Light Source Type	RGB LED device
	Lifetime	20.000 hours Eco mode: extended life time of LED source
PROJECTOR SPECIFICATIONS	Light Output	1000 ANSI lumens (Comparable with 5000 ANSI lumen lamp projectors)
	Projector version	Landscape Portrait
	Aspect Ratio	16:9 9:16
	Resolution	1920 x 1080 1080 x 1920
	Beam Angle	17°
	Throw Ratio	3.5:1
	Contrast Ratio	500:1
	Display Colours	16.7 million colours
	Optional Wide Lens	26°
	Throw Ratio Wide Lens	2.3:1
MAIN FEATURES		Colour Mixing mode RGB/CMY
	White Light	Variable CCT 3.200K - 9.500K
	Colour effect wheel with wide range of in-built effects	Colour transitions and cross-fades, multiple colour images, rainbow effects
	Digital gobo wheel 1	With standard gobos, images and videos
	Digital gobo wheel 2	With user's gobos, images and videos
		Gobo rotation and indexing
		Video on/off and speed control
	Effect wheel with wide range of graphic effects	Kaleidoscopic effect, fish eye, iris, zoom, swirl effect, pixelation effect, cross-stitching, posterization, and more...
		Effect speed control
	Keystoning	Horizontal / Vertical
CONTROL & PROGRAMMING	ADM™ Automatic distance meter	Upon Request
		Grey box correction
		Motorized focus
	Dimmer	0-100%
		Pre-programmed random strobe & pulse effects
	POLAR+™	for power saving and instant operation in extremely cold weather conditions
		Real Time Streaming Protocol (RTSP)
	Setting & Addressing	ROBE Navigation System 2 (RNS2)
	Display	QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding, NFC app controller
	Protocols	USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
CONTROL & PROGRAMMING	REAP™	Robe Ethernet Access Portal
	Epass™	Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity
	RAINS™	Robe Automatic Ingress Neutralization System manages humidity, temperature and pressure control using an active monitoring system to automatically remove any moisture detected within the fixture and provides constant monitoring to ensure peak performance
	WiFi	Wireless CRMX™ technology from Lumen Radio
	DMX Protocol Modes	2
	Control channels	25, 33
	RTC (Real-time clock)	Built-in device to keep track of actual time in order to start and stop playback at given time
		Stand-alone operation

SPECIFICATION

CONTENT MANAGEMENT				
CONTENT MANAGEMENT	Internal Storage	High speed internal memory for user content – 32 GB		
	NAS client	Automatic content synchronization tool		
MOVEMENT				
MOVEMENT	Pan movement	540°		
	Tilt movement	250°		
	Movement control	Standard and Speed		
	Controllable speed of Pan/Tilt movement			
	Automatic Pan/Tilt position correction			
MAPS™				
OPTICAL SYSTEM				
OPTICAL SYSTEM	parCoat™	(particle resistant coating) unique hydrophobic and oleophobic coating helps prevent water, dirt, dust, haze and smoke from adhering to the output lens		
HARDWARE				
OPERATING SYSTEM				
THERMAL SPECIFICATION				
THERMAL SPECIFICATION	Max. ambient temperature	50°C (122°F)		
	Max. surface temperature	80°C (176°F)		
	Max. operating temperature	-50°C (-58°F)		
ELECTRICAL SPECIFICATION & CONNECTIONS				
ELECTRICAL SPECIFICATION & CONNECTIONS	Power supply	Electronic auto-ranging		
	Input voltage range	100-240 V, 50/60 Hz		
	Power consumption	140 W		
	Power connector in/out	Neutrik powerCON TRUE1 in/out		
	DMX & RDM data in/out	Locking 5-pin XLR		
CERTIFICATION				
CERTIFICATION	Listings	ETL/cETL, CE		
PHYSICAL				
PHYSICAL	Width x Height x Depth	390 x 628 x 235 mm / 15.35 x 24.72 x 9.25 in. (head in vertical position)		
	Weight	21.3 kg / 46.9 lbs		
	Ingress protection rating	IP65		
RIGGING				
RIGGING	Mounting points	1 pair of 1/4-turn locks		
		1x Omega adaptor with 1/4-turn quick locks		
		Universal operating position		
		Safety cable attachment point		
INCLUDED ITEMS				
INCLUDED ITEMS		User Manual		
		Omega Adaptor CL-regular		
		Power cord including powerCON TRUE1 In connector: US:13052277-01 EU:13052276-01		
OPTIONAL ACCESSORIES				
OPTIONAL ACCESSORIES		Doughty Trigger Clamp: 17030386		
		Safety wire 36 kg: 99011963		
		Single Top Loader Case: 10120355		
		Dual Top Loader Case: 10120356		
		Ceiling mounting kit for iProMotion black: 10981015		
LEGAL				
LEGAL	Quad Top Loader Case: 10120357			
LEGAL	Foam Shell: 20020465			
LEGAL	ProMotion™ is a Trademark of Robe lighting s. r. o.			
LEGAL	ProMotion™ is patented by Robe lighting s. r. o. and protected by one or more pending or issued patents			

DIMENSIONS

