

## PRODUCT DESCRIPTION



The X24 X-Effects Projector provides large scale rippling light effects previously unavailable to lighting designers. The device utilizes a 200-watt Enhanced Metal Arc source, whose short arc allows for an output of 5000 lumens, and a 7000 hour lamp life. The color temperature is similar to a Xenon source at 6000°K.

The effect itself is created by rotating two "X" size glass gobos off-center of the optical path. This results in a projection that does not appear to have a visible direction or pattern. Speed and direction of both gobos are controlled from on-board potentiometers or via DMX. Dichroic color and patterns can be inserted into the lens trains.

Lens trains are available in 19, 30, 50 and 70-degree configurations. Due to the efficiency of the lamp and the design of the optics, all images have crisp edges, even for long throws of 100 feet or more.

X24 X-Effects Projectors are supplied equipped with a 200-watt Enhanced Metal Arc source and a customer-chosen lens train.

The X24 X-Effects Projector is available in two configurations. For Theatrical entertainment lighting specify the model with DMX on board. Using five DMX channels, the unit has full control of each effect gobo, lamp strike, and light output. The DMX-controlled douser, also initiated through your lighting control board, directs not only the light output but blackouts and fades as well.

For such permanent installations as retail or museum display, or where DMX is not available or required, the analog X24 X-Effects Projector is a good choice. It includes onboard potentiometers to control the speed and direction of both gobos.



## PRODUCT NUMBERS

No. 205-37015-0120	X24 X-Effects/DMX Projector
No. 205-37020-0120	X-Effects Projector (Analog)
No. 205-37119-0000	19° lens
No. 205-37130-0000	30° lens
No. 205-37150-0000	50° lens
No. 205-37170-0000	70° lens

## Accessories/Replacements

No. 205-37510-0495	X-Water Filter
No. 205-37520-0495	X-Fire Filter
No. 205-37101-0000	200 watt lamp
No. 205-37222-1110	X-Gobo Ripple Glass

## PRODUCT SPECIFICATIONS

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### Physical:

Finish: Black  
Weight: 19 lbs.  
Width: 12"  
Length: 14"  
Height: 7"  
Yoke mounted

### Electrical:

Supply voltage: 90-264 VAC 47-63hz and  
90-340VDC/3 Amps  
16/3 IEC cord set  
Ushio E-mark Lamp, 200 Watt DC ultra short arc  
Metal Halide: 3500 hour lamp life;  
5000 initial lumen output

### Optical:

Elliptical glass dichroic coated reflector  
4 element lens system  
19, 30°, 50° and 70° replaceable beam spread barrels  
Tool-free lens replaceable  
Lockable focus  
Tool-free removable effect wheels  
Glass dichroic color filter holder: 1.95" (49.53mm)

## DMX FEATURES

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Onboard DMX addressing  
DMX Pass-through  
Utilizes 5 DMX channels  
100% to 0% light fade w/ full blackout  
Ultra quiet  
Long lamp life – 3500 plus hours MTBF\*

\* Mean Time Between Failure – Average lamp life estimated under constant use conditions. Frequent re-striking of the lamp may significantly reduce lifespan.

### Channel Assignments:

- 1 – Lamp Strike – 50 - 54% on 55 - 59% off
- 2 – Dowser – Closed to Open
- 3 – Wheel 1 Speed (0-100%)
- 4 – Wheel 2 Speed (0-100%)
- 5 – Wheel 1&2 Direction
  - 0 - 25% Gobo 1 CW; Gobo 2 CCW
  - 26 - 50% Gobo 1 CCW; Gobo 2 CW
  - 51 - 75% Gobo 1 & Gobo 2 CW
  - 76 - 100% Gobo 1 & Gobo 2 CCW