BEAM 400 IP

IP66 DISCHARGE BEAM MOVING HEAD



The BEAM 400 IP is an IP66-rated beam moving head for outdoor stages, festivals and permanent installations. An OSRAM 371 W discharge lamp at 6800–7000 K drives a 2° beam through a 156 mm front lens with high-precision glass optics and electronic linear focus. A 14-colour wheel with half-colour positions, a 17-gobo fixed wheel with shake, an 8-facet and an 8+16-facet prism that rotate independently and overlap, an independent 7-colour rainbow effect and a 0–100 % frost build the effect set, with flicker-free linear dimming and pulse, fade and random strobe. Three-phase pan and tilt motors move 540° / 270° with 16-bit resolution and automatic position correction, and the fixture is controlled over 16 DMX channels with RDM from a TFT touch panel, with auto, sound and ten user scenes for stand-alone use.

Optical System

- Source: OSRAM 371 W discharge lamp, 6800–7000 K, 3000 h
- Beam angle: 2°, 156 mm lens, electronic linear focus
- Colour wheel: 14 colours + white, half-colour effect
- Gobo wheel: 17 fixed gobos + open, gobo shake
- Prisms: 8-facet and 8+16-facet, independent bi-directional rotation, overlapping
- Effects: 7-colour rainbow effect, frost 0–100 %
- Dimmer: 0–100 % linear, flicker-free · strobe 1–20 Hz pulse, fade, random

Movement

- Pan: 540°, 16-bit · Tilt: 270°, 16-bit, 3-phase motors
- Automatic position correction, invert, zero offset

Electrical Specs

- Voltage: AC 100–240 V, 50/60 Hz
- Power consumption: 800 W

Control

- Protocols: DMX512, RDM
- DMX channels: 16 CH
- Connectors: 3-pin and 5-pin XLR DMX
- Run modes: DMX, auto, sound-activated, master/slave, 10 user scenes
- Lamp control: power-on, after reset or manual; DMX lamp on/off
- Display: TFT touch panel, rotation, screen saver, lock screen, English / Chinese
- Info: status, errors, fixture and lamp hours

Work environment

- IP rating: IP66, outdoor use
- Indoor / outdoor, dry or wet locations

Physical

- Dimensions: 360 × 260 × 575 mm
- Weight: 17.3 kg
- Housing: die-cast aluminium and magnesium alloy
- Rigging: base with clamp mounting, safety cable point

DMX chart – 16 channel mode

CH	Function
1 / 2	Pan / pan fine (0–540°)
3 / 4	Tilt / tilt fine (0–270°)
5	Pan/tilt speed
6	Strobe: pulse, fade, random
7	Dimmer 0–100 %
8	Colour wheel, half colours, rainbow
9	Gobo wheel, shake
10	Focus
11	Prism 1
12	Prism 2
13	Prism rotation
14	Effect mode
15	Frost
16	Reset / lamp

Menu functions

- Address and channel mode, RDM addressing
- Operating mode: DMX, auto, sound, scene 1–10, master/slave, lamp switch
- Display: language, screen saver, rotation, DMX indicator, backlight, lock
- Scene editor: 10 scenes with hold time and channel values
- Advanced: pan/tilt invert, P/T rectify, offsets, data hold, lamp mode, factory reset

Full channel tables and menu reference are provided in the BEAM 400 IP DMX Chart and User Manual.

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