

ColorBeam 2500E AT™

A brand new ColorBeam 2500E AT is the most powerful moving head coming from Robe. ColorBeam 2500E AT delivers extremely bright, strong and punchy beam light output. This product is dedicated to the largest applications where extremely powerful beam-effect fixtures are required. On board Multi-step zoom provides optional beam size from 6.5 - 10 degrees. Rotating gobos and Rotating prism create beautiful mid-air effects. ColorBeam 2500E AT provides full CMY/CTO and variable frost for creating nice washlight effects.



Technical Specification

SOURCE

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX50
- Approved model: Philips MSR Gold 1500 FastFit
- Control: Automatic and remote on/off
- Ballast: Electronic

OPTICAL SYSTEM

- Dichroic glass reflector for maximising the light efficiency
- Beam angle: 6.5°, 8.2°, 10°

ELECTRICAL SPECIFICATION

- Wiring options: 208/230/250 V, 50/60 Hz
- Power consumption: 1860 VA at 230 V/50 Hz

MECHANICAL SPECIFICATION

- Height: 641 mm (25.2 ") - head in horizontal position
- Width: 536 mm (21.1 ")
- Depth: 678 mm (26.7 ")
- Weight: 42.5 kg (93.7 lbs)
- Fixation option: Pan/Tilt-lock mechanism

THERMAL

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 135 °C (176 °F)

ROTATING GOBOS

- Dichroic glass gobos - outside diameter: 37.3 mm, image diameter: 31.5 mm, thickness: 1.1 mm, max. thickness: 5 mm, high temperature borofloat or better glass, coating: dichroic or enhanced aluminium
- Glass gobos - outside diameter: 37 mm, thickness: 1.1 mm, max. thickness: 5 mm, high temperature borofloat or better glass

CONTROL AND PROGRAMMING

- Setting & Addressing: Blue/white LCD graphic display and RNS (ROBE Navigation System)
- Protocols: USITT DMX-512, RDM, ArtNet
- Control channels: 23, 31
- 2 DMX protocol modes
- 3-editable programs, each up to 99 steps
- Stand-alone operation
- Pan/Tilt resolution: 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 bit
- Rotating gobos: 8 or 16 bit

- Effect wheel indexing and rotation: 8 or 16 bit
- Iris: 8 bit
- Frost: 8 bit
- Focus: 8 bit
- Dimmer: 8 or 16 bit
- Built-in analyser for easy fault finding
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR

ELECTROMECHANICAL EFFECTS

- Cyan: 0-100%
- Magenta: 0-100%
- Yellow: 0-100%
- CTO: 0-100%
- Colour wheel: 6 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
- Rotating Gobo wheel 1: 6 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Rotating Gobo wheel 2: 6 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Iris: Motorized, stepless
- Effect wheel: 4 rotating, indexable, replaceable "SLOT&LOCK" prisms + open
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobbing "ZAP"
- Motorized focus
- Pan: 540°
- Tilt: 280°

RIGGING

- Mounting points: 4 pairs of ¼-turn locks
- 2 x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point

OPTIONAL ACCESSORIES

- Remote control IR

gobos & colours

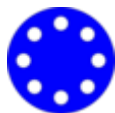
ROTATING GOBO WHEEL 1



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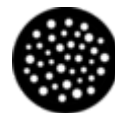
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ROTATING GOBO WHEEL 2



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COLOUR WHEEL



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