

ColorBeam 700E AT™

The ColorBeam 700E AT is a special beam effect offering a tight, punchy, powerful beam with an angle ranging from 1.5 - 6.5 degrees - for additional flexibility.

The 7 rotating and 9 static gobos - all using Robe's amazing "SLOT&LOCK" system - when combined with the prism, offer the possibility of creating stunning, abstract aerial effects. This further enhances the ColorBeam 700 as a tool for those with fertile imaginations! As is standard with all Robe's other 700 Series fixtures - other features include an ultra-smooth colour mixing system plus CTO, and a colour wheel with 7 "SLOT&LOCK" options.



Technical Specification

SOURCE

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX50
- Approved model: Philips MSR Gold 700™ FastFit
- Control: Automatic and remote on/off
- Ballast: Electronic

OPTICAL SYSTEM

- Dichroic glass reflector for maximising the light efficiency
- Beam angle: 1.5° - 6.5°

ELECTRICAL SPECIFICATION

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 990 VA at 230 V/50 Hz

MECHANICAL SPECIFICATION

- Height: 598 mm (23.5 ") - head in horizontal position
- Width: 514 mm (20.2 ")
- Depth: 485 mm (19.1 ")
- Weight: 32.3 kg (71.2 lbs)
- Fixation option: Pan/Tilt-lock mechanism

THERMAL

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 120 °C (248 °F)

STATIC GOBOS

- Metal gobos - outside diameter: 26.9 mm, image diameter: 22.5 mm, aluminium, thickness: 0.5 mm

ROTATING GOBOS

- Glass gobos - outside diameter: 26.8 mm, image diameter: 22.0 mm, thickness: 1.1 mm, max. thickness = 4 mm, high temperature borofloat or better glass

CONTROL AND PROGRAMMING

- Setting & Addressing: ROBE Navigation System (RNS)
- Protocol: USITT DMX-512, RDM support
- Control channels: 32/25/30/23/21
- 5 DMX protocol modes
- 3-editable programs, each up to 99 steps
- Stand-alone operation
- Display: Blue/white LCD graphic

- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16 bit
- Static gobo wheel positioning: 8 or 16 bit
- Rotating gobos: 8 or 16 bit
- Iris: 8 or 16 bit
- Frost: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Built-in analyser for easy fault finding

ELECTROMECHANICAL EFFECTS

- Cyan: 0-100%
- Magenta: 0-100%
- Yellow: 0-100%
- CTO: 0-100%
- Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open
- Static Gobo wheel: 9 replaceable "SLOT&LOCK" gobos + open
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Iris: Motorized, stepless
- Prism: 3-facet indexable prism rotating in both directions at different speeds
- 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: 2 pairs of ¼-turn locks
- 2 x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point

gobos & colours

ROTATING GOBO WHEEL



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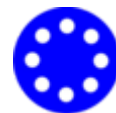
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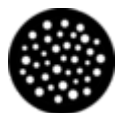
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COLOUR WHEEL



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STATIC GOBO WHEEL



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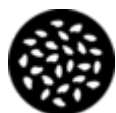
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