

ColorSpot 2500E AT™



The ColorSpot 2500E AT features a new powerful Philips MSR Gold 1500 FastFit lamp. This gives the fixture an extremely powerful light output, with a zoom range of 10°–30°.

The mechanical dimmer/shutter system provides very smooth dimming. The ColorSpot 2500E AT was designed especially for large stages, big concert halls, outdoor applications and all professional installations where large light output sources or search-light effects are needed.

● Source

- Standard Lamp: MSR 1500 FastFit
- Lamp on request: MSR GOLD 1200 FastFit
- Base: PGJX50
- Control: Automatic and remote on/off
- Ballast: Electronic

● Electrical Specification

- Wiring options: 208/230/250 V, 50/60 Hz
- Power consumption: 1760 VA at 230 V/50 Hz

● Mechanical Specification

- Height: 638 mm (25.1") – head in horizontal position
- Width: 536 mm (21.1")
- Depth: 678 mm (26.7")
- Weight: 42.5 kg (93.7 lbs)

● Thermal

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 135 °C (275 °F)

● Gobos

- Outside diameter: 37.5 +0/-0.25 mm
- Image diameter: 31.5 mm
- Thickness: 1.1 mm up to 5 mm in rotating slots
- Material: High-temperature borofloat glass

● Prisms and Effects

- Outside diameter: 47+0/-0.3 mm
- Thickness: Up to 5 mm in rotating slots (up to 8 mm in the center)

● Control and Programming

- Protocol: USITT DMX-512, RDM support
- Control channels: 24 or 32
- 3 DMX control modes
- Setting & Addressing: ROBE Navigation System (RNS)
- Display: Blue/white LCD graphic
- Pan/Tilt resolution: 16bit
- Gobo indexing: 8 or 16bit
- Prism indexing: 8 or 16bit
- Dimmer: 8 or 16bit
- Movement control: Tracking and vector
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Stand-alone operation
- 3-editable programs, each up to 99 steps

● Electromechanical Effects

- Cyan: 0–100 %
- Magenta: 0–100 %
- Yellow: 0–100 %
- CTO: 0–100 %
- Colour wheel: 6 replaceable "SLOT&LOCK" colours + open
- Gobo wheel 1: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Gobo wheel 2: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Iris: Motorized, stepless
- Effect wheel: 4 rotating, indexable, replaceable "SLOT&LOCK" prisms and effects + open
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect
- Focus: 2 m - infinity
- Zoom: 10°–30°
- Pan: 530°
- Tilt: 260°

● Rigging

- Mounting points: 8 pairs of ¼-turn locks
- Fastening system: ROBE's own 2x Omega clamps
- Fixation option: Pan/Tilt-lock mechanism

● Optional Accessories

- Remote control IR



ColorWash 2500E AT™



The ColorWash 2500E AT is newly equipped with a the Philips MSR Gold 1500 FastFit lamp, which makes it the most powerful Robe moving wash light fixture.

The ColorWash 2500E AT comes complete with CMY colour mixing system, variable CTO, 2 colour wheels and combined dimmer/shutter unit. The linear zoom has a range of 7°–44°. The ColorWash 2500E AT is an ideal tool for large live events and television shows and for all types of installations from multipurpose venues to large clubs.

- **Source**
 - Standard Lamp: MSR 1500 FastFit
 - Lamp on request: MSR GOLD 1200 FastFit
 - Base: PGJX50
 - Control: Automatic and remote on/off
 - Ballast: Electronic
- **Optical System**
 - High luminous glass reflector
 - Zoom angle from 7° to 44°
- **Electrical Specification**
 - Wiring options: 208/230/250 V, 50/60 Hz
 - Power consumption: 1670 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 641 mm (25.2") – head in horizontal position
 - Width: 542 mm (21.3")
 - Depth: 545 mm (21.5")
 - Weight: 41 kg (90.4 lbs)

- **Thermal**
 - Maximum ambient temperature (Ta): 40 °C (104 °F)
 - Maximum surface temperature: 130 °C (266 °F)
- **Control and Programming**
 - Protocol: USITT DMX-512, RDM support
 - Control channels: 17, 21, 23, 24 and 30
 - DMX channels: 5 protocol modes
 - Setting & Addressing: ROBE Navigation System (RNS)
 - Built-in demo sequences
 - Display: Blue/white LCD graphic
 - Pan/Tilt resolution: 16bit
 - Color wheel 1 positioning: 8 or 16bit
 - Color wheel 2 positioning: 8 or 16bit
 - Zoom: 8 or 16bit
 - Dimmer: 8 or 16bit
 - Controllable speed of fans
 - Movement control: Tracking or vector
 - Built-in analyzer for easy fault finding
 - Ethernet port: Art-Net protocol, ready for ACN
 - Data in/out: Locking 3-pin XLR & 5-pin XLR
 - Stand-alone operation
 - 3-editable programs, each up to 99 steps
- **Electromechanical Effects**
 - Cyan: 0–100 %
 - Magenta: 0–100 %
 - Yellow: 0–100 %
 - CTO: 0–100 %
 - Colour wheel 1: 6 replaceable "SLOT&LOCK" colours + open
 - Colour wheel 2: 6 replaceable "SLOT&LOCK" colours + open
 - Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobing "ZAP"
 - Zoom: 7°–44° (standard front Fresnel lens), 87° (wide-angle front lens), 6°–35° (front PC lens)
 - Pan: 530°
 - Tilt: 280°
- **Rigging**
 - Mounting points: 8 pairs of ¼-turn locks
 - Fastening system: ROBE's own 2x Omega clamps
 - Fixation option: Pan/Tilt-lock mechanism
- **Optional Accessories**
 - Remote control IR
 - Module of lens D200 PC
 - Top Hats



ColorBeam 2500E AT™



A Brand new ColorBeam 2500EAT is the most powerful moving head coming from Robe. ColorBeam 2500EAT 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 5–10 degrees. Rotating gobos and Rotating prism create beautiful mid-air effects. ColorBeam 2500EAT provides full CMY/CTO and variable frost for creating nice washlight effects.

- **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: 5°, 7°, 10°
- **Electrical Specification**
 - Wiring options: 208/230/250 V, 50/60 Hz
 - Power consumption: 1760 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**
 - Outside diameter: 37.5 mm
 - Image diameter: 31.5 mm
 - Thickness: 1.1 mm (max. thickness=5mm)
 - Recommended glass: 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

