

ColorSpot 1200E AT Profile™



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 specially for large stages, big concert halls, outdoor applications and all professional installations where large light output sources or search-light effects are needed.

- **Source**
 - Lamp: Compact high-pressure metal halide lamp
 - Base: GY22
 - Approved model: Philips MSR 1200 SA
 - Control: Automatic and remote on/off
 - Ballast: Electronic
- **Optical System**
 - Dichroic glass reflector for maximising the light efficiency
 - Beam angle: 12.5°–37°
- **Electrical Specification**
 - Wiring options: 100/120/208/230/250 V, 50/60 Hz
 - Power consumption: 1550 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 619 mm (24.4") – head in horizontal position
 - Width: 536 mm (21.1")
 - Depth: 616 mm (24.3")
 - Weight: 43.8 kg (96.6 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: 30, 37
 - 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
 - Focus: 8 bit
 - Zoom: 8 bit
 - Framing shutters system: 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 : 6 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
 - Iris: Motorized, stepless
 - Effect wheel: 4 rotating, indexable, replaceable "SLOT&LOCK" prisms + open
 - Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobing "ZAP"
 - Motorized zoom and focus
 - Framing shutters system
 - 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



ColorSpot 1200E AT™



The ColorSpot 1200E AT is an electronic ballast version of ColorSpot 1200 AT, which adds even more features like flicker-free operation, enhanced light output, extended lamp life, power-saving mode for economy and reduced weight.

● Source

- Lamp: 1200 W short arc discharge
- Base: GY22
- Approved model: Philips MSR 1200 SA
- Control: Automatic and remote on/off
- Ballast: Electronic

● Electrical Specification

- Wiring options: 100/120/208/230/250 V, 50–60 Hz
- Power consumption: 1600 VA at 230 V/50 Hz
- Automatic voltage and frequency selection for lamp

● Mechanical Specification

- Height: 619 mm (24.4") – head in horizontal position
- Width: 536 mm (21.1")
- Depth: 616 mm (24.3")
- Weight: 42 kg (92.6 lbs)

● Thermal

- Maximum ambient temperature (Ta): 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
- Lamp power save mode while black-out
- 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, ZAP effect (electronic strobing)
- Focus: 2 m - infinity
- Zoom: 13 °–42 °
- 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



ColorSpot 1200 AT™



The ColorSpot 1200 AT is designed as the ultimate creative tool for large theatre, TV and live shows and for installations in multi-purpose venues and large clubs. The fixture uses a powerful Philips 1200 SA discharge lamp lightsource. This is further boosted by a high quality super-efficient optical system, making the ColorSpot 1200 AT one of the brightest moving fixtures currently on the market. Major features include a versatile CMY colour mixing system, variable CTO plus an additional colour wheel, 12 rotating indexable, replaceable dichroic glass gobos on two wheels offering 48 gobo combinations, iris, 4 rotating prisms and effects, variable frost, an incredibly flexible 13–42 degree linear zoom, remote focus, dimmer and shutter. Its progressive colour temperature correction system – from 5600 K to 3200 K is designed for use in television and film applications.

● Source

- Lamp: 1200 W short arc discharge
- Base: GY22
- Approved model: Philips MSR 1200 SA
- Control: Automatic and remote on/off
- Ballast: Magnetic

● Electrical Specification

- Wiring options: 208/230/250 V, 50/60 Hz;
- Power consumption: 1600 VA at 230 V/50 Hz

● Mechanical Specification

- Height: 619 mm (24.4") – head in horizontal position
- Width: 536 mm (21.1")
- Depth: 616 mm (24.3")
- Weight: 51.5 kg (113.5 lbs)

● Thermal

- Maximum ambient temperature (Ta): 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: 13 °–42 °
- 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



ColorWash 1200E AT™



The ColorWash 1200E AT is a powerful moving head wash light that comes complete with a CMY colour mixing system; variable CTO; 2 colour wheels – each with 6 easily replaceable slots for colours and effects; a combined dimmer/shutter and many more features. The ColorWash 1200E AT zoom has a range of 10–87° depending on the lens type used. The electronic ballast enables features like flicker-free operation, extended lamp life and power-saving mode. The large LCD display – highly successful on Robe's ColorSpot 1200 AT profile fixture, makes the operation of the ColorWash 1200E AT quick and easy. An Ethernet connection offers additional connectability. The ColorWash 1200E AT is an ideal tool for large theatres, live and television shows, and for all types of installations from multi-purpose venues to large clubs.

● Source

- Lamp: 1200 W short arc discharge
- Base: GY22
- Approved model: Philips MSR 1200 SA
- Control: Automatic and remote on/off
- Ballast: Electronic

● Electrical Specification

- Wiring options: 100/120/208/230/250 V, 50/60 Hz
- Power consumption: 1480 VA at 230 V/50 Hz

● Mechanical Specification

- Height: 621 mm (24.5") – head in horizontal position
- Width: 536 mm (21.1")
- Depth: 620 mm (24.4")
- Weight: 41 kg (90.4 lbs)

● Thermal

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

● Control and Programming

- Protocol: USITT DMX-512, RDM support
- Control channels: 17, 21, 23, 24, 30
- DMX channels: 5 protocol modes
- 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
- Zoom: 10°–87° depending on the lens type used
- 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

