

Astra Beam120IP

IP65 beam moving head with a 120W white Laser source and CMY

ORDER CODE: **ASTRABEAM120IP**



Astra Beam120IP stands as a formidable IP-rated pure beam moving head, leveraging a 120W phosphor laser source to cast intense white light. Designed for both indoor and outdoor large stage applications, its power and versatility are unmatched.

This moving head's advanced phosphor laser source, characterized by a notably small light-emitting surface, works in tandem with a custom-engineered optical system. The result is a striking 0.6° fat, parallel beam that excels in long throw aerial effects, offering unparalleled intensity and contrast.

The **Astra Beam120IP** is not just about raw power; it's a hub of creative potential. Its comprehensive feature set enables limitless color possibilities and visual effects. This includes linear CMY color mixing, a color wheel, one rotating gobo wheel, one static gobo wheels and one animation wheel. The unit also boasts four prisms, dual frost filters, and infinite Pan & Tilt rotation, further expanding its capacity for effect possibilities.

MAIN FEATURES

- IP65 Beam moving light equipped with a 120W white Laser source
- 0.6° beam angle for long throw applications
- 360° X&Y, CMY, 1x color wheel, 13 rotating and 29 fix gobos, one animation wheel, 4 prisms, 2 frost

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 120W Phosphor Laser source
- CCT: 7'000K
- Lux: 204'167lx @15 m full
- Source life expectancy: > 12.000 h

OPTICS

- Beam angle: 0,6°
- Lens diameter: 143mm / 5.63"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

COLOUR SYSTEM

- Colour mixing: linear CMY
- CCT: several CTB/CTO on wheel
- Colour wheel: open + 24 colour filters

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 13 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 8,4 mm - image: 4 mm - thickness: 0,3 mm
- Fixed gobos: 29 fixed gobos + open
- FX generator: prisms overlap for spectacular aerial effects
- Circular prism: (prism disk 1) 16f and 6f (prism disk 2) 8f with bi-directional rotation, indexing, interchangeable
- Linear prism: (prism disk 1) 6f (prism disk 2) 4f and 6f with bi-directional rotation, indexing, interchangeable
- Rotating prism disk: 2 independent disks with 3 prisms each
- Frost: dual frost filter, soft-edge and heavy

BODY

- Pan range: 540° with continuously adjustable, bidirectional rotation
- Tilt range: 270° with continuously adjustable, bidirectional rotation
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: weatherproof IP65 construction with die-cast magnesium alloy
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 32channel

ACCESSORIES & RELATED PRODUCTS

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| ▪ AETHERLINK | IP67 1 Universe CRMX Wireless transceiver for exterior installation |
| ▪ AETHERBOX TWO | Professional IP65 double universes CRMX transceiver, battery ready |
| ▪ AETHERBOX | IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready |
| ▪ AETHERBOX LITE | 1 Universe CRMX Wireless Transceiver |
| ▪ FCLASTRAB120IP | Flight case for 4 pcs of ASTRABEAM120IP |
| ▪ OSIPPLUS | IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole |

- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: via DMX with UPBOXPRO (USB-DMX interface not included) or via USB pen drive
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered.

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° C / +45° C (-4° F / +113° F) Ta
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 50.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 150W
- Standby power: 66,4 W
- Output (at 230V): 14 units on a single power line
- Power factor: > 0,96

PHYSICAL

- IP rating: 65 for temporary outdoor use (*)
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 Seetronic Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 366x528x258mm / 14.41"x20.79"x10.16"
- Weight: 20kg / 44.09lbs
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM

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| ▪ IPTESTBOX | Portable vacuum and pressure tester for ProLights IP fixtures |
| ▪ LRLUNA | Single Universe DMX transceiver with Bluetooth |
| ▪ C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White |
| ▪ RSR0670B | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| ▪ UPBOXPRO | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector |

