

Astra Hybrid330

Ultra compact hybrid moving beam-spot, with a 330W LED Source

ORDER CODE: **ASTRAHYB330**



The **Astra Hybrid330** is an ultra compact LED hybrid moving head with phenomenal power for its size and delivering a stunning set of visual effects.

The **Astra Hybrid330** optical system ranges linearly from 3° to 46°, and it's equipped with a large 140mm front lens featuring both an high intensity beam and perfect spotlight, offering a tremendous lumen output and superior evenness compared with other lights in the same category.

The extensive feature set of the **Astra Hybrid330** includes functions like aerial effects with a fat and parallel beam and crisp projection textures and pattern effects, with linear CMY, three colour-wheels, an animation wheel, two overlapping prisms, frost and two gobo wheels.

MAIN FEATURES

- Ultra compact hybrid moving light equipped with a 330W LED source
- Linear zoom ranging from 3° to 46°
- Linear CMY, animation wheel, 2 gobo wheels, 3 colour wheels, 2 overlapping prisms, frost

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source:330 W high-power white LED
- CCT:7.000
- Luminous flux:preliminary data: (3°) 5'865 lm - (46°) 13'062 lm
- Lux:preliminary data: (3°) 87.055 lx - (46°) 1'513 lx @5 m full
- Source life expectancy: > 30.000 h

OPTICS

- Zoom:preliminary data: 3° - 46 ° motorised linear zoom
- Lens diameter:140 mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

COLOUR SYSTEM

- Colour mixing: CMY colour system on 3 gradually fading colour wheels
- CCT: on wheel 2.400 K and 3.200 K
- Colour wheel:9 dichroic filters on 3 independent colour wheels
- Colour wheel:High CRI colour filters

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos:8 rotating gobos + open, interchangeable, indexing
- Gobo size:outer: 20 mm - image: 16 mm - thickness: up to 3 mm
- Fixed gobos:11 fixed gobos + open
- FX generator:2 prisms overlap for spectacular aerial effects
- Circular prism:8 f and 6 f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter

BODY

- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan angle:540 °
- Tilt angle:270 °
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: RAL 9004

ACCESSORIES & RELATED PRODUCTS

- 9513FXWL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
- 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- FCLASTRAP400 Flight case for 3 pcs of ASTRAPROFILE400
- RSR0670B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- TOUR53415L03 Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m

CONTROL

- Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- DMX channels:29 channel
- 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: yes, via USB - DMX interface (UPBOX2) not included or via USB pen drive
- Other:Ethernet pass through in case of PSU or Master PCB failure

ELECTRONICS

- Dimmer: linear 0 ~ 100% mechanical dimmer
- Dimmer curves:4 selectable dimming modes available
- Strobe / shutter:1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- 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:preliminary data: 517 W
- Output (at 230V):4 units on a single power line
- Power factor:> 0,95

PHYSICAL

- IP rating:20
- 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: Amphenol XLR 5p IN/OUT connectors
- Data connection:Neutrik Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD):411x638x244 mm
- Weight:21,6 kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

- WSBBF1G5 BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSBBF1G6 BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
- WSBBR512G5 BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
- WSBBR512G6 BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
- OS24 Quick-lock omega bracket.
- UPBOX2P5 Firmware uploader kit, USB IN, 5-pin XLR DMX OUT