

Axcor Spot 300

C61725

Specifications
05/2018



The new Axcor 300 family of moving LED fixtures brings Claypaky's no-compromise quality and performance to the broad mid-market. The quality of their effects, their construction, and their high light output derive from the high-end products Claypaky specializes in. The AXCOR SPOT 300 has 17 gobos on 2 wheels, including 7 high quality dichroic rotating gobos. Weighing just 20 Kg and measuring a little over 500 mm, this unit incorporates features that are not often found in models of this size, like a rotating prism, a motorised iris, a soft edge filter, a 16-bit dimmer, and a 8-40° zoom. It boasts cutting-edge electronic and software technology, with all the features that enable optimal fixture management and maintenance over time. With a price-point, physical size and power consumption that disguise its strength and creative potential, the Axcor Spot 300 enables a new world of expression in touring, events, TV, theatre and installed lighting markets.

- Source: 180W White LED engine (7000 K)
- 8°-40° linear zoom
- Motorised focus lens
- CMY System
- One color wheel with 7 colors (including 1 CTO filter)
- One wheel with 7 rotating gobos
- One wheel with 10 fixed gobos
- Rotating 4-facet prism
- Mechanical Iris
- Frost filter
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe@24 f/sec
- Extremely compact and lightweight



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POWER SUPPLIES

AC power input Neutrik PowerCON
100-240V, 50/60 Hz

TOTAL LUMEN OUTPUT

7000 lumens

INPUT POWER

340 VA @230Vac - 50Hz

LIGHT SOURCE

180W White LED engine (7000 K)

MOTORS

Stepper motors, operating with micro-steps, totally microprocessor controlled

CHANNELS

23 control channels

INPUTS

DMX 512 - Ethernet

IP RATING

IP 20 - Protected against the entry of solid bodies larger than 12mm (0.47"); No protection against the entry of liquids.

THERMAL SPECIFICATIONS

Minimum distance of illuminated objects 3 meters (9' 10")
Minimum distance from flammable materials 0.2 meters (8")
Max ambient temperature 40°C (104°F)
Max temperature of the external surface 90°C (194°F)
Forced ventilation with axial fans

OPTICS

8°-40° linear zoom
Motorised focus lens

ELECTRONICS

Long life self-charging buffer battery
Function reset from the lighting desk
"AUTOTEST" function from menu
Electronic monitoring with status error
Cooling system monitoring
DMX level monitoring on all channels
Internal data transmission diagnostics
Firmware Upgrade via Web Server
Firmware upload from another fixture
Protocols/Functions: RDM, Web Server

EFFECTS SECTION

CMY System

One color wheel with 7 colors (including 1 CTO filter)

One wheel with 7 rotating gobos

One wheel with 10 fixed gobos

Rotating 4-facet prism

Mechanical Iris

Frost filter

CONTROL AND PROGRAMMING

DMX 512 control channels 23

Control signal USITT DMX 512

Protocols RDM, WebServer

Display Graphic LCD backlit b/w Display

Display battery self-charging buffer battery

16-bit Electronic Dimmer with 4 curves

Electronic strobe@24 f/sec

Pan/Tilt Resolution 16 bit

Dimmer Resolution 16 bit

DMX signal connection 5 pole XLR input and output

BODY

Aluminum and steel structure with plastic covers

Two side handles for transportation

Device locking PAN and TILT mechanisms for transportation and maintenance

MOVING BODY

PAN range 540°

TILT range 270°

WORKING POSITION

Working in any position

Hanging system: with fast-lock omega clamps (1/4 turn) on the base

CE MARKING

In conformity with the European Directives:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

WEIGHT & DIMENSIONS

20.2 Kg (44.53 lbs)

