



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 WASH 300 has a 140mm front PC lens and linear 5.5°-42° zoom. Producing colors is its speciality: it is fitted with all the components you need to produce any shade of color you desire, with a light diffusion uniformity comparable to higher-end models. 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 Wash 300 enables a new world of expression in touring, events, TV, theatre and installed lighting markets.

- Source: 180W White LED engine (7000 K)
- Ø 140mm PC front lens
- 5.5°-42° Linear Zoom
- CMY system on wheels
- One colour wheel with 9 colours (including 1 CTO filter)
- Rotating Ovalizer beam
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe @24 f/sec
- Extremely compact and lightweight

## **POWER SUPPLIES**

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

## **INPUT POWER**

290 VA @230Vac - 50Hz

## **LIGHT SOURCE**

180W White LED engine (7000 K)  
L<sub>70</sub> 20000 hrs.

## **MOTORS**

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

## **CHANNELS**

16 control channels

## **INPUTS**

DMX 512 – Art-Net

## **IP RATING**

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

## **SAFETY 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)  
T5A fuse  
Automatic break in power supply in case of overheating  
Forced ventilation with axial fans

## **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

## **OPTICS**

5.5°-42° Linear Zoom

## **EFFECTS SECTION**

CMY system on wheels  
One colour wheel with 9 colours (including 1 CTO filter)  
Rotating Beam shaper  
Strobe 24 flash/sec, electronic, instant open and blackout  
Dimmer 16 bit electronic and linear; 4 dimmer curves  
Electronic Zoom

## **CONTROL AND PROGRAMMING**

DMX 512 control channels  
Control signal USITT DMX 512  
Protocols RDM, WebServer  
Display Graphic LCD backlit b/w Display  
Display battery Long life self-charging buffer battery  
Pan/Tilt Resolution 16 bit  
Dimmer Resolution 16 bit  
DMX signal connection 5 pole XLR input and output  
Ethernet input

## **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**

19.9 Kg (43.87 lbs)

