

Let Apollo Innovation Be Your...

RIGHT ARM™



Ellipsoidals & Fresnels



PARs



Video Cameras



Projectors

The functional design of Apollo's Right Arm™ makes it easy to add pan and tilt capabilities to a wide variety of lighting, video, and projection devices. An integral balancing system, a novel technique to setting the pan and tilt range for maximum accuracy, quality componentry for smooth movement, and a built-in universal power supply are additional features that make the Right Arm™ the right choice.



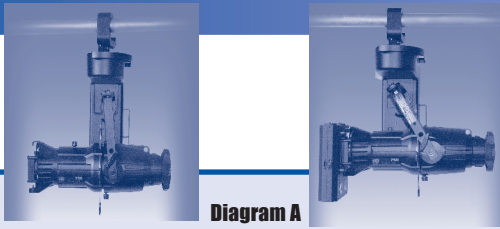


Diagram A

The Right Arm™ contains a two point integral balancing system that allows the use of fixtures which are front or rear heavy, i.e. a long throw ellipsoidal or an ellipsoidal using a color changer on the front, without adding counter weights or modifying the fixture.

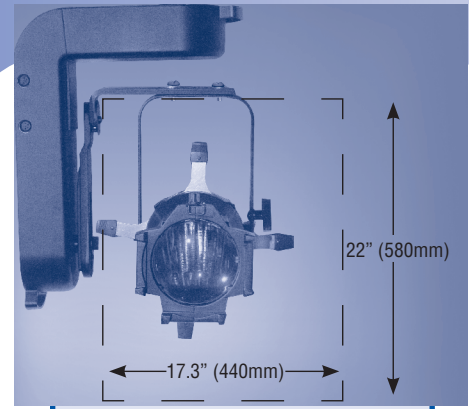


Diagram B

The Right Arm™ offers a wide range of adjustment for fixture heights and widths without removing shutters or existing yokes. Shown above with open shutters on an ellipsoidal/Leko.

RIGHT ARM™

Specifications

Compatible Fixtures

Adjustable to accommodate various fixtures and allow for color changers and doublers. (see diagrams A & B)

Dimensions And Key Components

Height:	26" (660mm) with clamp
Height, hang below pipe:	23.3" (643mm)
Width:	15" (381mm)
Depth:	7" (178mm)
Weight:	28lb (12.7kg) without fixture
Shipping Weight:	34lb (15.4kg) without fixture
Capacity:	40lb (17.5kg)
Pan:	340°
Pan Speed:	180° in 6 seconds
Pan Torque:	5 foot-pounds average
Tilt:	270°
Tilt Speed:	180° in 6 seconds
Tilt Torque:	10 foot-pounds average

Ratings

UL STD 73 Compliant
CE Pending
TUV Pending

Drive System

High Torque Stepper Motor

Power

Operating Voltage:	Built-in Universal Power Supply
Arm Rated Power:	90-260 VAC, 50/60 Hz (auto select)
Fixture Power Cord Rating:	50 VA maximum
Accessory Port Power Total:	15 amps, 250 volts max
Current Required for Right Arm Alone:	24 volts DC
	.5 amps

Data/Power Transmission

Power Cables:	1 for Arm (connector not included) 1 for fixture (connector not included)
Data Connectors:	XLR 5-pin, male/female

Accessory Outputs

2 XLR 4-pin, female

With the repositioning capabilities of the Right Arm™, equipment costs are reduced.

Since the Right Arm™ repositions fixtures from a control console on the floor, labor costs and safety hazards are reduced.

A great feature of the Right Arm™ is that the pan and tilt range can be defined using built-in range presets. This limits the Right Arm™ to areas that require light and increases accuracy. An optional speed control channel provides smooth movement with all loads and speeds.

Diagram C

Option	Switch Setting
200° Pan and Tilt, 8 Bit	0
120° Pan and Tilt, 8 Bit	1
90° Pan and Tilt, 8 Bit	2
200° Pan and Tilt, 8 Bit + Speed	3
120° Pan and Tilt, 8 Bit + Speed	4
90° Pan and Tilt, 8 Bit + Speed	5
340° Pan and 270° Tilt, 16 Bit + Speed	6
200° Pan and Tilt, 16 Bit + Speed	7
120° Pan and Tilt, 16 Bit + Speed	8
90° Pan and Tilt, 16 Bit + Speed	9

Option	DMX Channels
8 Bit	(1) Pan, (2)Tilt
8 Bit + Speed	(1) Pan, (2)Tilt, (3)Speed
16 Bit + Speed	(1) Pan Coarse, (2)Pan Fine, (3) Tilt Coarse, (4)Tilt Fine, (5) Speed

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