

Let Apollo Innovation Be Your...

RIGHT ARM[®]



Ellipsoidals & Fresnels



PARs



Video Cameras



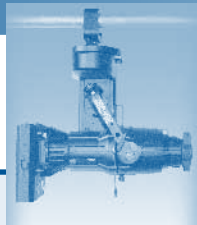
Projectors

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 most fixtures which are front or rear heavy. Extreme fixture imbalances created by 5° or 10° lenses, will require Right Arm® accessory part number RIGHTARM - 20200.

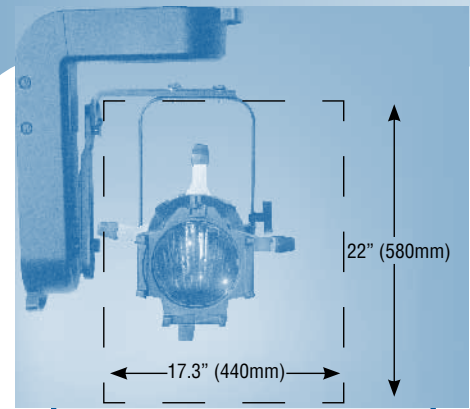


Diagram B

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" (660.4mm) with clamp
Height, hang below pipe:	23.3" (591.8mm)
Width:	15" (381.0mm)
Depth:	7" (177.8mm)
Weight:	28lb (12.7kg) without fixture
Shipping Weight:	34lb (15.4kg) without fixture
Capacity:	40lb (18.1kg)
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

Drive System

High Torque Stepper Motors

Power

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

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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