



## Automated Remote Control SYSTEM

(universal movement controlled by DMX)

### DESCRIPTION

Since 1969 the Spotlight designs motoryokes for film, TV and Theatre Houses, using the best components of the world-wide leading Companies.

The motorized yoke of Spotlight MOV is a versatile, precise and powerful device for spotlight positioning built for the most demanding professional environments.

The ARC system is **controlled with DMX**, 8 or 16 bit.

The **low noise** operation and the **very high positioning accuracy** makes ARC system an ideal tool to be used in automated TV studios having a high quality demand.

Furthermore the drives and gearboxes will not be damaged when moving the yoke in case of power off.

### KINEMATIC DATA

Very **high positioning accuracy**

- 0,70° (8 bit)
- 0,01° (16 bit)

**Adjustable speed:**

- Tilt
  - o range: **180°** (16 bit)
  - o speed: **max 10°/s**, 100 steps
- Pan
  - o range: **360°** (16 bit)
  - o speed: **max 10°/s**, 100 steps
- Beam
  - o motorized zoom

### PLUS

- **High precision**, especially when used in 16 bit
- **Ultra-silent** when compared to moving heads
- **No-reset**, no initialization runs after power up
- **Custom solution** for any fixture of any brand (up to 1m wide and 30kg)
- **Low maintenance** needed

#### When switched on...

...ARC system always knows the position of the fixture, even if it is **moved manually** without power, there is **no-need to reset for initialization** runs after power up thanks to an **absolute encoder**

#### When the power goes out...

... ARC system maintains its position thanks to the **safety brakes** and memorizes the last position, so it does not require a reset when switched on again

### CONNECTION

- DMX connector: **XLR 5-pole In/Out** panel
- Power connector: chassis **PowerCON TRUE1 In/Out**
- Additional cable: 2m H05RN-F cable with powerCON TRUE1 female cable connector

#### HARDWARE and SOFTWARE

- Aluminium and steel structure with plastic covers
- IP 20 protection rate
- Two side handles for transportation
- Display graphic LCD backlit display (the light can be switched off)
- Firmware upgrade via PC
- Diagnostic
- Remote access through RDM

#### MOUNTING

- Hanging system: with fast-lock omega bracket
- Safety chain (optional)



#### ELECTRICAL

- Power consumption: 200 W
- Power supply: 100-240 V – 50/60 Hz
- PF>0.94/230VAC PF>0.98/115VAC at full load

#### PACKAGING

- Green carton box
- Flight case (optional)

#### COMPLIANCE

- 2014/30/EU – Electromagnetic Compatibility (EMC)
- 2014/35/EU – Low Voltage Directive (LVD)
- 2011/65/EU – Restriction of the use of certain hazardous substance (RoHS)
- **Manufactured in Italy with Quality System ISO 9001:2015**

#### DIMENSIONS

**Standard** (for Spotlight PRO – Serie Hyperion)

	ARC system		Fixture	
	Weight	Dimensions	Weight (max)	Designed for Spotlight PRO
S size	15.0 Kg		25.0 kg	100W
M size	20.0 Kg		30.0 kg	200W – 300W
L size	25.0 Kg		35.0 kg	700W

**Custom** (for other products)

Designed for all products...

#### Spotlight PRO

- Serie Hyperion 100W (size small)
- Serie Hyperion 200W (size medium)
- Serie Hyperion 300W (size medium)
- Serie Hyperion 700W (size large)
- Cyclorama 300W (size medium)
- Cyclorama 600W (size medium)

#### Spotlight ONE

#### Any products of other brands

- Video projectors,
- Lasers,
- TV cameras,
- Smoke machines,
- Loudspeakers,
- and much more
- ...