

XR2000 SPOT CMY MOVING HEAD PROJECTOR

● TECHNICAL INFORMATION

The XR2000 SPOT CMY is one of the most powerful moving heads in the 700W range.

The XR2000 SPOT CMY in fact delivers a massive 64.300 Lux at 5 m (8° beam angle), thanks to its improved optical group and dichroic glass reflector, combined with a Philips MSR Gold 700/2 Fastfit lamp (50.000 Lumens).

The XR2000 SPOT CMY is particularly suitable for all professional applications, both mobile (concerts, shows, tours, special events) and fixed (clubs and other venues), requiring a light with extremely high luminous output and versatility of functions.

The XR2000 SPOT CMY is also the ideal light for a vast range of applications in which quiet operation is a priority, thanks to its silent ventilation system and silent pan/tilt operation.

The XR2000 SPOT CMY incorporates motorized focus; motorized iris; linear zoom (8°- 30°); a sophisticated CMY colour synthesis system with 3 palettes for linear insertion, plus a colour wheel (7 colours + open); 2 gobo wheels: one customizable rotating gobo wheel (7 gobos) and one customizable fixed gobo wheel (8 gobos); frost filter (soft edge); 3-facet rotating prism.

The 16 bit Pan/Tilt mechanism features an exclusive Super Speed function, and a locking system with recessed buttons.

Access to every feature of the internal menu is simple and direct, thanks to the new user interface featuring a LCD backlit graphic display (128 x 64).



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Lamp

Philips MSR Gold 700/2 Fastfit
Automatic switching on of lamp in case of accidental switching off; Lamp on/off via DMX; reset via DMX

Optical group

64.300 Lux at 5 m (8° beam angle)
Dichroic glass reflector

Focus

Motorized focus

Iris

Motorized iris (16 bit)

Zoom

Motorized zoom (8°- 30°)

Dimmer / shutter / strobo

Linear dimmer / Shutter /
Strobe from 0,85 flash/sec to 10 flash/sec

Colours

CMY colour synthesis system + colour wheel (7 colours + open) with linear selection for perfect 2-colour beams
Colour change with blackout sync; rainbow effect

Gobos

1 customizable rotating gobo wheel (7 gobos)
1 customizable fixed gobo wheel (8 gobos); extractable gobo holders; Gobo change with synchronized blackout
Gobo scrolling; Gobo shake

Effects

Indexable prism rotating in both directions (3-facet)
Frost filter (soft edge)

Pan / Tilt

Pan 540° (3,9 sec.); Tilt 270° (2,6 sec.); 16-bit resolution
Super Speed function; extremely smooth and precise movements even at the highest speeds
Pan / Tilt locking system with recessed buttons
Automatic Pan/Tilt repositioning in case of knocks

DMX

32 DMX channels; Internal o.s. updatable via DMX

Interface

LCD backlit graphic display (128x64)

Connections

4 XLR connectors (3-pole In and Out; 5-pole In and Out) by Neutrik; POWERCONN connector by Neutrik

Power supply

Electronic ballast; 90-245 V (50/60 Hz); power consumption: 820 W; Power saving mode (the lamp dims to 50% six seconds after shutter closure)

Standard accessories

2 x "C" GQuick clamps with "fast-lock" connection

Thermal Operating ambient temperature: -10° / 40°

Weight 43,5 Kg

Finishes Black; white

Accessories:

Lamps

- MSR Gold 700/2 Fastfit lamp

Flight cases

- Double standard flight case for 2 x XR1200 / XR2000 projectors; compartment for lamps and accessories, swivel wheels, dishes on cover for piling (cod. 0521C038)
- Double professional flight case for 2 x XR1200 / XR2000 projectors; compartment for lamps and accessories, swivel wheels, dishes on cover for piling, double door on sides (cod. 0521C038.1)

Rain covers

- Raincover for XR2000 base (top) (cod. 03.MA009)
- Raincover for XR2000 base (bottom) (cod. 03.MA010)

Embedding flanges

- Embedding flange for XR2000 (visible display) (cod. 03.MA008)
- Embedding flange for XR2000 (no visible display) (cod. 03.MA007)

Wireless DMX receiver refrofits

- Wireless DMX Receiver Card with 0508A033 - INDOOR IP20 2-dBi antenna included

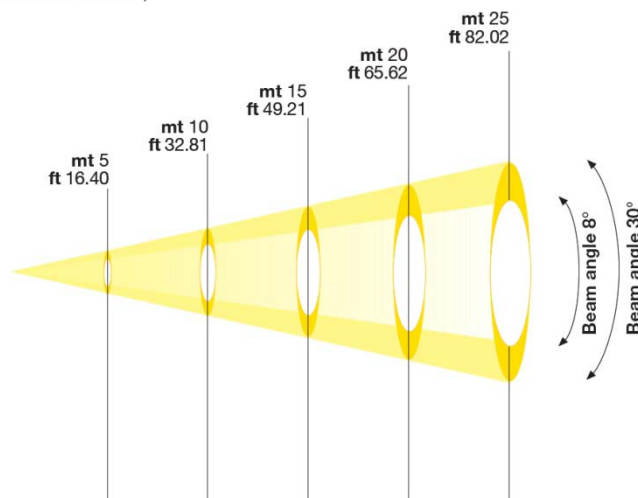
Clamps / safety wires

- "C" Clamp G60 black (max. load 50Kg) (cod. 0521A004)
- "C" Clamp G60 chrome (max. load. 50Kg) (cod. 0521A004.20)
- "C" Clamp GQUICK with "Fast Lock" connection 1/4 turn (max. load. 80Kg) (cod. 0521A014)
- "C" Clamp G100 black / professional (max. load. 200Kg) (cod. 0521A015)
- Omega clamp with "Fast Lock" connection 1/4 turn 1 couple (2 pieces) (cod. 02K00467)
- Safety wire (3mm x 60 cm), ring spring catch, max. capacity load 60Kg (cod. 0521A010)

Approved lamps

Model	Watt	Base	K°	Lumens	Life(h)
MSR Gold 700/2 Fastfit	700	PGJX50	7.500	50.000	750

MSR Gold 700/2 Fastfit lamp



	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02	
Lux center	64300	16075	7144	4018	2572	Beam angle 8°
Foot candles	5975	1493	663	373	239	
Diameter cm.	69	139	209	279	349	
Diameter ft.	2,29	4,59	6,88	9,18	11,47	
Lux center	5200	1300	577	325	208	Beam angle 30°
Foot candles	483	120	53	30	19	
Diameter cm.	267	535	803	1071	1339	
Diameter ft.	8,79	17,58	26,37	35,16	43,95	



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Preliminary information - D.T.S. reserves the right to make any functional or design modification to any of its products without any prior notice.