

XR2000 BEAM MOVING HEAD PROJECTOR

● TECHNICAL INFORMATION

The XR2000 BEAM is a new compact moving head with an extremely high light power, projecting a parallel and very concentrated beam.

With its new lens unit, XR2000 BEAM generates a luminosity of an incredible 150,000 Lux at 5 metres, using only a 700 W lamp, giving an exceptional balance between performance and power consumption.

XR2000 BEAM is designed for a wide range of professional applications, like concerts, shows, tours and big events.

XR2000 BEAM ensures in fact great flexibility in use, because in a single projector it incorporates a range of functions normally available only on different units (long-throw projectors with high-power lamps, PAR 64 ACL, moving heads).

XR2000 BEAM offers:

- * Exceptional light power (150,000 Lux at 5 metres);
- * The capacity to project a highly condensed and intense beam of light even over great distances, thanks to the high efficiency of the new lens;
- * Variety of colours (linear CMY synthesis + wheel with 7 colours);
- * Customizable gobo wheel;
- * Insertable frost filter (soft edge);
- * Fast and uniform Pan and Tilt movements.

The XR2000 BEAM 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 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

150.000 Lux at 5 m (5,5° beam angle)

Dichroic glass reflector

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);

extractable gobo holders

Gobo change with synchronized blackout

Gobo scrolling; Gobo shake

Frost

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

23 DMX channels

Internal operating system 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 "fastlock" connection

Thermal

Operating ambient temperature: -10° / 40°

Weight

37 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)

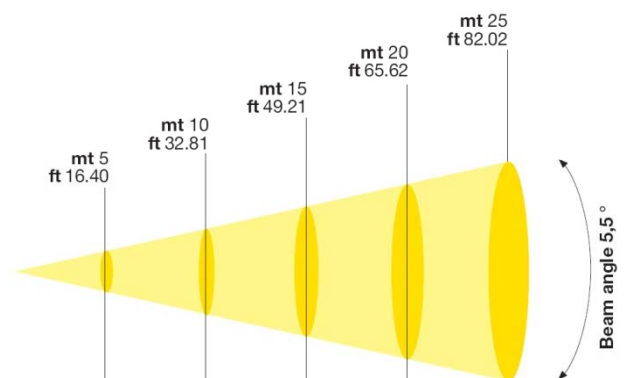
- Omega clamp with "Fast Lock" connection 1/4 turn 1 couple (2 pieces) (cod. 02K00467)

- 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

Philips MSR Gold 700/2 Fastfit



	5m	10m	15m	20m	25m
Lux center	150000	37500	16666	9375	6000
Foot candles	13940	3.485	1.548	871	557
Diameter cm.	48	96	144	192	240
Diameter ft.	1,58	3,15	4,73	6,30	7,88

Beam angle 5,5°



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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.