

XR 300 BEAM



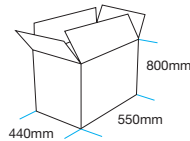
The XR300 BEAM is a new compact moving head with an extremely high light power, projecting a parallel and very concentrated beam. With its new optical unit, the XR300 BEAM generates 135.000 Lux at 5 metres, using only a 300 W lamp, giving an exceptional balance between performance and power consumption. The XR300 BEAM is designed for a wide range of professional applications, like concerts, shows, tours, television, theatre, and big events. XR300 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). The XR300 BEAM features a breakthrough in moving-head technology, dubbed Free Axis Rotation ("FAR"). The FAR system allows limitless pan and tilt rotation: the XR300 BEAM head rotates freely on its axes, horizontally or vertically, without interruption, in either direction, never having to reverse motion. The XR300 BEAM's ability to quickly and precisely select any point within its limitless sphere of movement means faster looks and scene changes. The XR300 BEAM also offers unmatched creative control to the lighting designer. Unique geometrical designs, shapes, and scenes, unobtainable with conventional moving heads, are now possible for application in concerts, theatres, studios, etc. The FAR system is guaranteed and has been thoroughly tested.

The XR300 BEAM offers: * Exceptional light power (135.000 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 optical group; * Variety of colours (CMY synthesis + 7-colour wheel + CTO); * Customizable gobo wheel (7 rotating gobos); * Insertable frost filter (soft edge); * Unlimited Pan and Tilt movements (new FAR technology).

The XR300 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. 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).



PACKING
 (LxDxH) 550 x 440 x 800 mm
 XR300 BEAM FAR CMY EB: 36,5 Kg
 XR300 BEAM FAR CMY MB: 41 Kg
 XR300 BEAM CMY EB: 33,5 Kg
 XR300 BEAM MB: 38 Kg



XR300 BEAM FAR CMY EB (Cod. 03.MB002.EB.LF)

- FAR system • CMY
 - Electronic ballast
- ### XR300 BEAM FAR CMY MB (Cod. 03.MB002.LF)
- FAR system • CMY
 - Electromagnetic ballast
- ### XR300 BEAM CMY EB (Cod. 03.MB002.EB.L)
- CMY • Electronic ballast
- ### XR300 BEAM MB (Cod. 03.MB003.L)
- Electromagnetic ballast

Lamp

Philips 300/2 miniFastFit (22.000 Lumens)

Automatic switching on of lamp in case of accidental switching off
 Lamp on/off via DMX; reset via DMX

Optical group

135.000 Lux at 5 m (5,7° beam angle)

Fresnel lens (Ø 195 mm)

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 + CTO) 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

Linear frost filter (soft edge)

Pan / Tilt

Unlimited Pan rotation; unlimited Tilt rotation (XR300 BEAM FAR CMY EB / XR300 BEAM FAR CMY MB)

Pan 540° (3,9 sec.), Tilt 270° (2,6 sec.)

(XR300 BEAM CMY EB / XR300 BEAM MB); 16-bit resolution

8 selectable speed ranges; 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 / Network

24 DMX channels

Internal operating system updatable via DMX. Artnet ready

Interface

LCD backlit graphic display (128x64)

Connections

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

Power supply

Electronic ballast; 90-260 V (50/60 Hz); Electro-magnetic ballast; 230 V (50/60 Hz);

power consumption: 400 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°

Dimensions (WxDxH) 485x450x637 mm

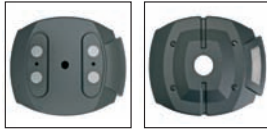
Weight

XR300 BEAM FAR CMY EB: 29,5 Kg

XR300 BEAM FAR CMY MB: 34 Kg

XR300 BEAM CMY EB: 26,5 Kg

XR300 BEAM MB: 31 Kg



Rain Covers

Double flight case
(LxDxH) 1020 x 550 x 880 mm
50 Kg



D.T.S. flight case products utilize wood that comes from controlled reforestation zones.

ACCESSORIES

Lamps

- Osram Lok-it 300W lamp
- Philips 300/2 miniFastFit

Flight cases

- Professional Flight case; compartment for lamps and accessories, swivel wheels, cover with hinges with-stay, dishes on cover for piling (cod. 0521C043.1)
- Double Professional Flight case, compartment for lamps and accessories, swivel wheels, cover with hinges-with-stay, dishes on cover for piling, 8 handles (2 each side). (cod. 0521C032.1)
- Double Flight case, compartment for lamps and accessories, swivel wheels, cover with hinges-with-stay, dishes on cover for piling, 8 handles (2 each side). (cod. 0521C032)

Rain covers

- Rain cover for XR base (top) (cod. 03.MA001)
- Rain cover for XR base (bottom) (cod. 03.MA002)

Inflatable covers

- Inflatable transparent cover for

D.T.S. moving head projectors
(Cod. 0521A030)

Embedding flanges

- Embedding flange for XR (visible display) (cod. 03.MA005)
- Embedding flange for XR (no visible display) (cod. 03.MA006)

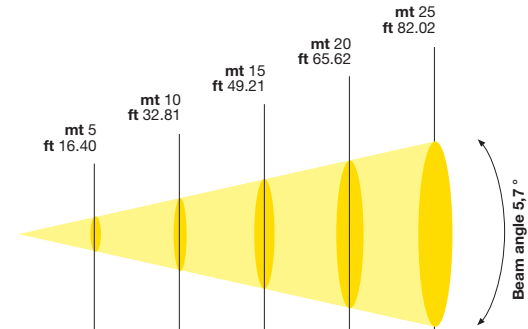
Wireless DMX receivers retrofits

- 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)

Philips 300/2 miniFastFit



Lux center	135000	33750	15000	8438	5400	Beam angle 5,7°
Foot candles	12546	3137	1394	784	502	
Diameter cm.	50	100	149	199	249	
Diameter ft.	1,63	3,27	4,90	6,53	8,17	

APPROVED LAMPS

Model	Watt	Base	Lifespan (hours)	Lumens	K°
Osram Lok-it 300W	300	PGJX28	8.000	24.000	2.000
Philips 300/2 miniFastFit	300	PGJX28	8.400	22.000	2.000