



The Lighting Company

# XR1200 WASH PC

ISO 9001:2008

D.T.S. quality system  
is certified to the  
ISO 9001:2008 standard



D.T.S. products are designed  
and manufactured at the D.T.S.  
plants in Italy



## Overview

The XR1200 WASH PC is a high-output moving head projector fitted with a 1200 W discharge lamp, delivering a massive 104.000 Lux / 5 m. The XR1200 WASH PC provides a powerful combination of sophisticated colour generation (including a linear CMY system, an 8-colour wheel, and 2 colour conversion filters), plus a motorized linear 9° - 19° zoom, and a rotating 16-bit indexable beam shaper (0°-180°).

The XR1200 WASH PC is suitable for top level professional applications, including concerts, shows, tours, special events and large venues. The XR1200 WASH PC is fitted with the 'FPR' system.

The 'FPR' (D.T.S. patent) allows limitless pan rotation, in either direction, never having to reverse motion.

## Lamp

- \* Philips MSR Gold 1200 Fastfit lamp (95.000 Lumens)
- \* Base type PGJX50

## Optical group

- \* 104.000 Lux at 5 m (9°)
- \* PC lens Ø 150 mm combined with a dichroic glass reflector
- \* 16-bit motorized linear zoom (9° - 19°)
- \* Rotating and indexable beam shaper (0°-180°)
- \* Frost filter

## Colour generation

- \* CMY linear system
- \* colour wheel (8 colours + open) with linear selection for perfect 2-colour beams
- \* 2 colour conversion filters (3.200°K / 5.600°K)

## Interface / Control / Programming

- \* Extra-wide, multi-function graphic LCD display (128 x 64)
- \* 4 soft-keys (control / management / monitoring of the main parameters)
- \* Controlled via DMX 512 standard digital communication protocol
- \* Wireless ready
- \* ARTNET available on request
- \* internal operating system updatable via D.T.S. RED BOX interface and hyperterminal program on windows based PC

## DMX

16 DMX channels

## Pan & Tilt

'FPR' system (D.T.S. patent)  
Pan: limitless rotation, in both directions; 360° rotation in 1.58 sec.; Tilt 270°: 1.8 sec.

- \* 4 Selectable speed ranges
- \* Pan/Tilt locking system with recessed buttons
- \* Automatic Pan/Tilt repositioning in case of knocks

## Power supply

- \* Electronic ballast; 90-260 V 50/60 Hz
- \* Power consumption: 1320 W

## Energy saving

- \* Power saving mode (the lamp dims to 50% six seconds after shutter closure)

## Connectors

- \* DMX: 4 XLR connectors (3-pole In and Out; 5-pole In and Out) by Neutrik;

- \* Power supply: POWERCONN connector by Neutrik

## Operating ambient temperature

-10° / 40°

## Weight

38 Kg

## Internal safety devices

- \* Overvoltage circuit protection and overtemperature circuit protection

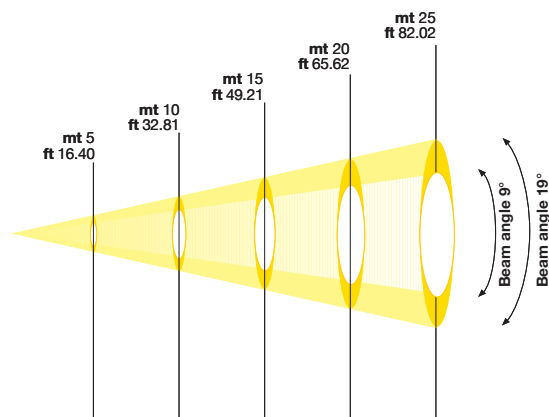
## International certifications

**Safety:** EN 60598-1: 1993  
EN 60598-2-17: 1989  
A1-A3: 1993  
**EMC:** EN 55015

## Included items

- 1 x POWERCON male cable connector (cod. 0520P014)
- 1 x XLR 5 Pins male cable connector (cod. 0508B028)
- 1 x XLR 5 Pins female cable connector (cod. 0508B027)
- 2 x "C" Clamp G100 black (cod. 0521A015)
- 2 x Omega bracket with "Fast Lock" connection (cod. 02K00467)

**Colour Wheel**



<b>Lux center</b>	104000	26000	15556	6500	4160	<b>Beam angle 9°</b>
<b>Foot candles</b>	9665	2416	1074	604	387	
<b>Diameter cm.</b>	79	157	236	315	394	
<b>Diameter ft.</b>	2.58	5.16	7.75	10.33	12.91	
<b>Lux center</b>	22700	5675	2522	1419	908	<b>Beam angle 19°</b>
<b>Foot candles</b>	2110	527	234	132	84	
<b>Diameter cm.</b>	160	320	481	641	801	
<b>Diameter ft.</b>	5.25	10.51	15.76	21.02	26.27	

**DMX channels**

- 1 PAN msb (540°)
- 2 PAN lsb
- 3 TILT msb(320°)
- 4 TILT lsb
- 5 MOVEMENT SPEED
- 6 DIMMER
- 7 SHUTTER
- 8 COLOUR
- 9 CYAN
- 10 MAGENTA
- 11 YELLOW
- 12 SPEED CMY / DIMMER
- 13 MACRO CMY / COLOUR
- 14 EFFECTS
- 15 ZOOM
- 16 RESET