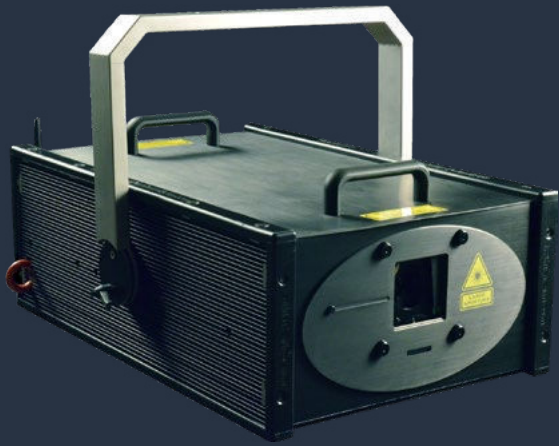


PHAENON XD 35000 YC

LASER PROJECTORS

LaserAnimation
SOLLINGER



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SOLLINGER

The PHAENON XD 35000 YC is a high-end color laser projector for professional applications equipped with green, yellow and cyan Coherent Taipan laser modules and red resp. blue diode modules.

The laser projector is characterized by the very high visibility of the laser beams and the high output powers of 31 watts. The beam data are impressive with a beam diameter of 4.5 mm and a beam divergence of <0.6 mrad.*

Control Modes

AVB / TSN interface for streaming ILDA data via Ethernet, AIFF player function, stand-alone player, ILDA, control software "LA.toolbox" for PC or Mac included

Typical wavelengths:

638 nm | 532 nm | 445 nm | 577 nm | 488 nm

Type

CW analog modulated

Beam Diameter*

4.5 mm

Beam Divergence*

< 0.6 mrad

Scanner

CT 6210, Turboscan XD: 60 kpps ILDA 8°, max 80° (typical 50°), reaction time (2° opt. step): $< 0,2$ ms, aperture: 4 mm

Weight

43 kg



Dimensions

L 62,0 cm x W 40.6 cm x H 22.3 cm

IP Rating

IP54

Thermal

Ambient temperature: -5°C - $+50^{\circ}\text{C}$

Electrical Input

Power consumption: 1200 W

Laser Safety

- Electronic mask to define protected areas in a laser projection using controlling software
- Scanfail safety circuit
- Physical adjustable beam blocker
- Key switch, Interlock, emission LED

Climate Components

- Generously dimensioned heat sink as base for all temperature relevant components
- Peltier elements for either heating and cooling
- Temperature controlled low noise fans with high efficiency

Standardized Connectors

- AC Mains Connector: Neutrik PowerCon TRUE1
- Projector Signal, analog: ILDA In D-sub 25, differential inputs
- Remote: 7pin XLR (external key switch, interlock)
- DMX In / Thru
- LAN

Properties

- Modular laser system with LaserAnimation manufactured laser diode modules combined with Coherent Genesis Taipan OPSSL modules
- Integrated intelligent LaserAnimation Sollinger Mainboard
- Control via "LA.toolbox" software (electronic mask, color correction, DGC (Digital Geometric Correction), laser disable). Software included in delivery
- AVB / TSN interface for streaming data via Ethernet
- Motorized beam adjustment for an exact color overlay
- CT 6210 scanner with proven TurboscanXD driver electronics
- DSP Mark2 resp. DSP Mark2 playback optionally available
- Grating module option available (6 gratings)

*FWHM average depending on model

Laser Projector	Guaranteed output power	Red Module (638 nm)	Green Module (532 nm)	Blue Module (445 nm)	Yellow Module (577 nm)	Cyan Module (488 nm)
PHAENON XD 35000 YC	31 W	9.6 W	8 W	8 W	6 W	5 W