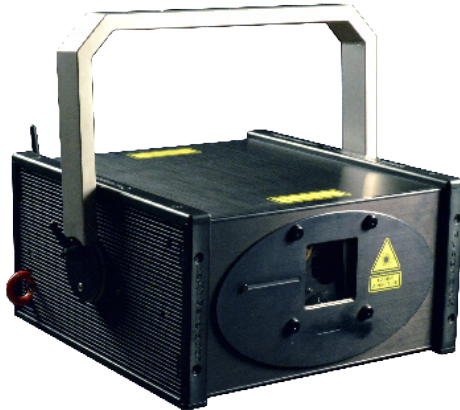


High-end Full Color Laser Projectors for Professional Applications



PHAENON X AT compact  
(3 - 4 integrated Taipans)



PHAENON X AT regular  
(5 - 7 integrated Taipans)

**Laser System** Modular laser system exclusively based on Genesis TAIPAN OPSP by Coherent Inc.

Typical wavelengths: 639 nm | 577 nm | 590 nm | 532 nm | 488 nm / 480 nm | 460 nm  
 Type: CW analog modulated  
 Beam Diameter: 1.4 mm  
 Divergence (full angle): < 1.5 mrad  
 Laser class: 4

Models

PHAENON X AT	Enclosure	Specified Laser Output [mW]					
		Total	Red	Yellow	Green	Cyan	Blue
TRI-PAN	compact	5000	1500	-	2000	-	1500
TRI-PAN RE	compact	6000	2500	-	2000	-	1500
RGB 7000	compact	7000	2000	-	3000	-	2000
RGB 9500	compact	9500	2500	-	5000	-	2000
RYGB 12500	compact	12,500	2500	3000	5000	-	2000
RYGB 15500	compact	15,500	2500	3000	8000	-	2000
RYGB 22000	regular	22,000	5000	5000	8000	-	4000
RYGCB 25000	regular	25,000	5000	5000	8000	5000	2000
RYGCB 28000	regular	28,000	5000	6000	10,000	5000	2000
RYGCBB 30000	regular	30,000	5000	6000	10,000	5000	4000



Technical specifications subject to change without prior notice!

Laser Safety	<ul style="list-style-type: none"> <li>• Electronic mask to define protected areas in a laser projection using controlling software</li> <li>• Scanfail safety circuit</li> <li>• Physical adjustable beam blocker</li> <li>• Key switch, interlock loop, emission LED</li> </ul>
High-end Components	<ul style="list-style-type: none"> <li>• CT 6210H X,Y scanners with LaserAnimation's high-speed TurboScan drivers Scan system speed: 40 k ILDA 8° Aperture: 4 mm Projection angle: 80° maximum, 50° typical Reaction time (2° opt. step): &lt; 0.2 ms</li> <li>• Motorized beam adjustment for comfortable adjusting the superposition of the colored beams</li> <li>• WLAN module</li> <li>• Grating module for extraordinary background effects (optional)</li> <li>• Laser show controller Lasergraph DSP PCB (optional)</li> </ul>
Control	<ul style="list-style-type: none"> <li>• Wireless remote control by iPod touch (included) or an existing iPhone or iPad</li> <li>• LA Toolbox software for Windows as well as MAC OS X 10.6 or later</li> <li>• Using terminal consisting of display and jog dial on backplane</li> </ul>
Climate Components	<ul style="list-style-type: none"> <li>• Generously dimensioned heat sink as base for all temperature relevant components</li> <li>• Peltier elements for either heating and cooling</li> <li>• Temperature controlled low noise fans with high efficiency</li> <li>• Integrated dehumidifier and dew point measurement</li> </ul>
Thermal	<ul style="list-style-type: none"> <li>• Max. ambient temperature: 50°C</li> <li>• Min. ambient temperature: - 5°C</li> </ul>
Standardized Connectors	<ul style="list-style-type: none"> <li>• AC Mains Connector: Neutrik PowerCon</li> <li>• Projector Signal, analog: ILDA In D-sub 25, differential inputs</li> <li>• Remote: 7pin XLR (RS232, external key switch, interlock)</li> <li>• DMX In / Thru /Out: 5pin XLR</li> <li>• LAN</li> <li>• WLAN</li> </ul>
Electrical Input	<ul style="list-style-type: none"> <li>• 100-120VAC / 200-240VAC / 50-60Hz</li> <li>• Input power: 500 - 950W maximum</li> </ul>
Compliance	CE, CDRH
Warranty	12 months after delivery



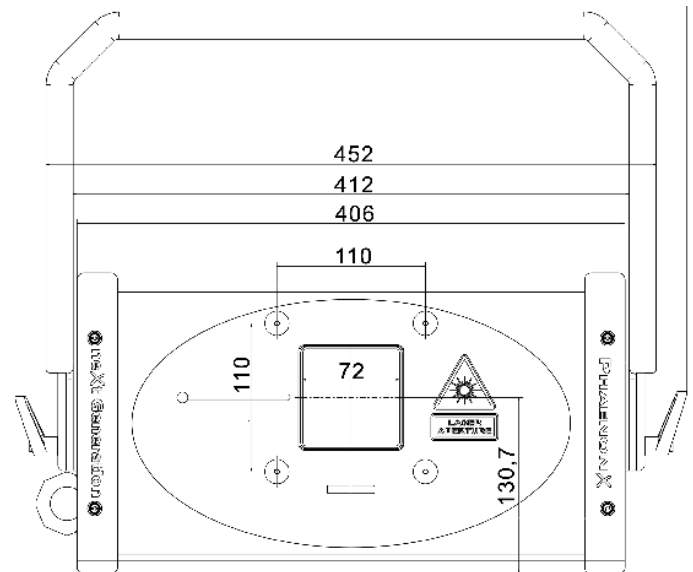
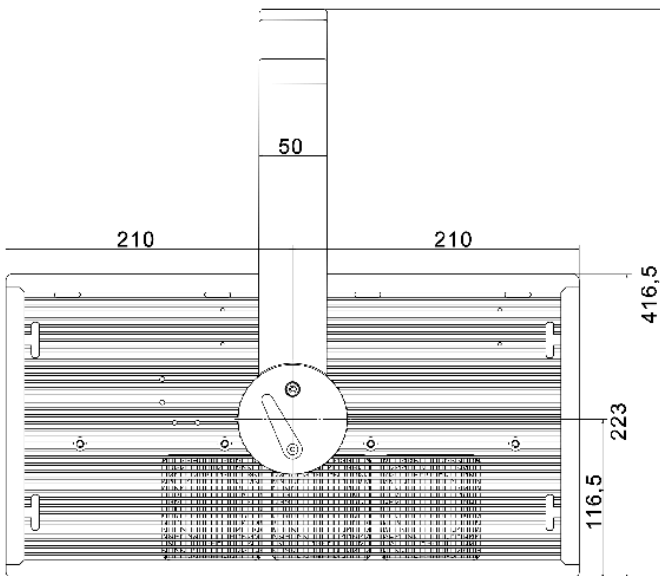
**MADE  
IN  
GERMANY**  
used worldwide



Technical specifications subject to change without prior notice!

Physical  
PHAENON X AT  
compact

- Length: 420 mm
- Width: 406 mm
- Height: 223 mm (without yoke)
- Weight: Range of approx. 23 kg to 32 kg
- Housing: Dustproof, black anodized Aluminum with plastic edges
- Degree of protection: IP54
- Extra stable stainless steel yoke for truss mounting and loop for safety rope
- Integrated output window protector



Package

- Standard: Aluminum case
- Optional: PELI-Case 1640



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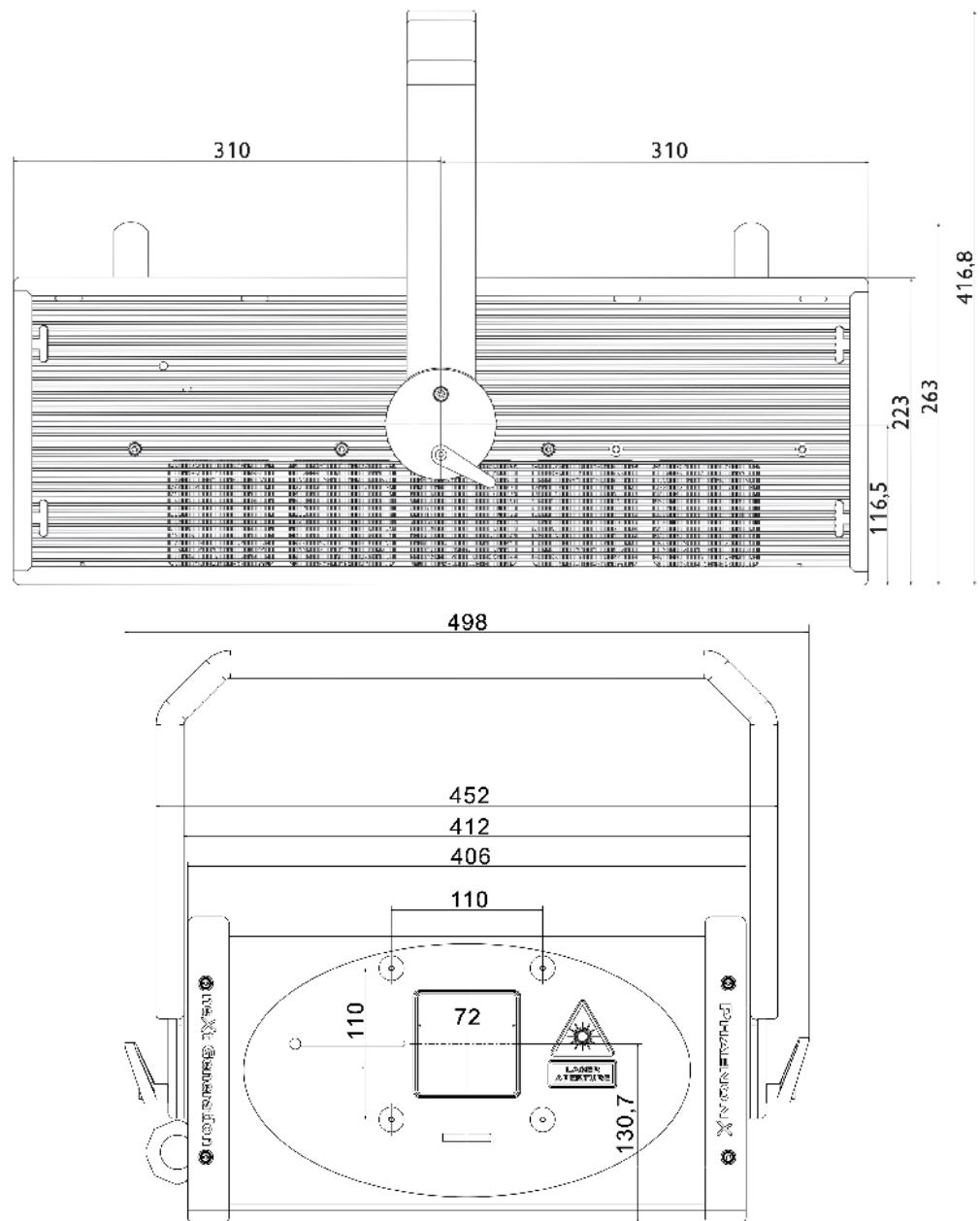


Technical specifications subject to change without prior notice!

Physical  
PHAENON X AT  
regular

- Length: 620 mm
- Width: 406 mm
- Height: 223 mm (without yoke)
- Weight: Range of approx. 35 kg to 48 kg
- Housing: Dustproof, black anodized Aluminum with plastic edges
- Degree of protection: IP54
- Extra stable stainless steel yoke for truss mounting and loop for safety rope
- Integrated output window protector

Package PELI-Case 1630



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