

Projector Outdoor Housing

Datasheet



POH-XL

- ▶ Series of robust outdoor housings
- ▶ Made for rental applications using the standard projector rental frames
- ▶ Modular design which can be easily dismantled for transport and storage
- ▶ Low weight and packing dimensions



POH-S



POH-XL-TILT



POH-XL + POH-XL-TILT

With the projector housing solution, you can use your projectors outdoors, while keeping them safe and working at best capacity. You do not need to worry about sudden rain, temperature fluctuations, or dust. Optimised for rental application, the housing was designed in such way, that the projectors can remain in their rental frames and benefit from all adjustment possibilities.

The lightweight, modular, aluminium design is a warrant for easy handling, minimum storage space and low transportation costs. As all sides can be removed easily, adjusting and servicing the projectors works like a charm. But no need to worry, as those sides can be secured with an additional lock. Cable management is as simple and robust as never before using our multi cable entry frame guiding cables into the housing. With this, there is no need to care about connector standards or additional signal damping.

The integrated Control Unit (CU) is the central element, controlling and monitoring fans, projector and sensors. The CU can be controlled via Ethernet using the open API or an optionally available web-based control software. Local control is possible with a push button at the front of the housing. The high precision tilting platform with an adjustment angle of 25° makes installations easy and precise. For rough temperature ranges our external Air Conditioning Unit will make sure that the housing operates at a safe temperature range.

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SPECIFICATIONS

	POH-XL	POH-M	POH-S
Compatible projectors	Panasonic - PT-RQ50 using ET-RFD80 rental frame - PT-RZ31, PT-RQ32 using ET-RFD32 rental frame (*1)	Panasonic - PT-RQ35, PT-RZ34 using EVO-P30 rental frame - PT-RZ21K, PT-RZ12K, PT-RQ13K and similar projectors using EVO-P20 rental frame (*2)	Panasonic - PT-RZ120, PT-RZ970, PT-RZ-660 and similar projectors using EVO-P10 rental frame
Dimensions (approx.) in Landscape	1957 mm x 1271 mm x 786 mm (L x W x H)	1730 mm x 1250 mm x 690 mm (L x W x H)	1437 mm x 1203 mm x 610 mm (L x W x H)
Weight (approx.) (*3)	115,00 kg	105,00 kg	95,5 kg
Operating temperature	+5°C up to +30°C supply air temperature		
Operating humidity	10% – 80% rH (no condensation)		
Power consumption	600 W	600 W	450 W
Noise level	56 – 72 dB(A) @1m	54 – 70 dB(A) @1m	51 – 63 dB(A) @1m
Protection class	IP53		
Orientation standing	Landscape		
Orientation hanging	Landscape		
Stacking	Max two units stacked in landscape		
Housing material	Aluminium		
Housing coating	Powder coating, white colour		
Cable management	Multi cable entry frame guiding cables into housing		
Control Unit Connectors	2 x Ethernet, 1 x powerCON Input, 1 x XLR 3Pin (Button), 1 x XLR 4Pin (Sensor), Ground Connection 3 x powerCON Output (Fans), 3 x XLR 4Pin (Fans)		

*1: Due to lower height, PT-RZ31 and PT-RQ32 need spacer adapter (POH-XL-ADR-RZ31)

*2: Due to lower height, P20 frames need spacer adapter (POH-M-ADR-RZ21)

*3: Weight without rental frame, projector, lens, etc.

ACCESSORIES

	POH-XL	POH-M	POH-S
Spacer adapter	POH-M-ADR-RZ31	POH-M-ADR-RZ21	
High precision tilting platform (+/- 25°)	POH-XL-TILT		POH-S-TILT
Intake Air Filter Assembled	POH-FILTERINTAKE		
Intake Air Filter Not assembled	POH-FILTERINTAKE-DIY		
Outtake Air Filter	POH-FILTEROUTAKE		
Air conditioning unit for extended temp.	POH-ACU		
Side cover for ACU	POH-XL-ACU-CL	POH-M-ACU-CL	POH-S-ACU-CL