Epic 270 BlueBoost

PRODUCT SPECIFICATION SHEET

屋内、屋外を問わず数万人規模のレーザー演出に効果的です。

KVANT Epic システムは、超高出力の新しいレーザー プロジェクターです。
１００W、１７０Wおよび ２７０Wのフルカラー出力を提供し、ビームおよび基本的なグラフィック効果が可能なスキャナーを備えています。
Epic は過酷な屋外環境向けに設計されており、ハウジングは IP65 規格に準拠して構築されており、完全な防水性と防塵性を備えています。
また、レーザーが手の届かないところに恒久的に設置されている場合、RGB モジュールの内部カラー調整が困難になる可能性があります。Epic モデルには標準で電動ダイクロイック フィルターを装着していますので、面倒な作業が大幅に削減できます。

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SPECIFICATIONS

Source | Type:	Semiconductor laser diode [FAC] | Full-colour laser projector
Suitability:	Outdoor laser displays [atmospheric, abstract, simple graphics]
System control:	FB4-SK [Ethernet, ArtNet, DMX, ILDA | PC, Lighting Console or Autoplay]
Compliant with:	EN 60825-1
Ingress Protection rating:	IP65 with the optional Rain Cover installed [certification in progress]
Weight [kg]:	89
Size [WxHxD, mm]:	500 x 315 x 876 [Technical Drawings are in the SUPPORT section of this page]
Guaranteed opt. output:	270 Watts
ed | Green | Blue [W]:	30 | 60 | 180 [*note]
6**Wavelengths [nm, ±5nm]:**	638 | 525 | 465+455
Beam size [mm]:	10 x 12
Beam divergence [mrad]:	1.1 mrad [full angle, **note]
Modulation [kHz] | type:	100 | analogue
X-Y scanners:	Juno 5 | 20 Kpps @ 8°, max. scanning angle 40° on both axes
Power requirements [V] | Input:	100-240/50-60Hz | Neutrik powerCON TRUE1
Max. power consumption [VA]:	1800
Operation temperature [°C]:	10-35
Included in the set:	Plywood flight case, 5M power lead, 25M Ethernet rj45 signal cable, E-STOP remote with 30M 3-pin XLR cable, set of 4 safety keys, interlock connector [for the USA only], USB memory stick with the user manual. Pangolin QuickShow laser control and creation software is available for FREE download.
HW features:	All the basic system settings and adjustments such as power output adjustment for each colour, X & Y axes invert, X & Y size and position, etc. are managed via the built-in FB4 control interface.Scanning system overload protection. Colour Balance display mode.Motorised Dichroic Filters for an easy colour alignment.
Laser safety features:	Keyed interlock, emission delay, magnetic interlock, scan-fail safety, fast electromechanical shutter [reaction time <20ms], adjustable aperture masking plate, Emergency STOP system with keyed remote and manual RESTART button.
***note**	Due to Advanced Optical Correction technology used in Kvant systems, the real power output of each laser module installed within the system may slightly differ from its specification. This doesn't affect the total guaranteed power output of the system.
****note**	The beam divergence total is calculated as an average arithmetic value of all individual colours. The divergence of each colour is calculated as: 1. FWHM of the beam cross-section for round beams, or 2. The arithmetic average of the beam's horizontal and vertical divergence for all rectangular beams.