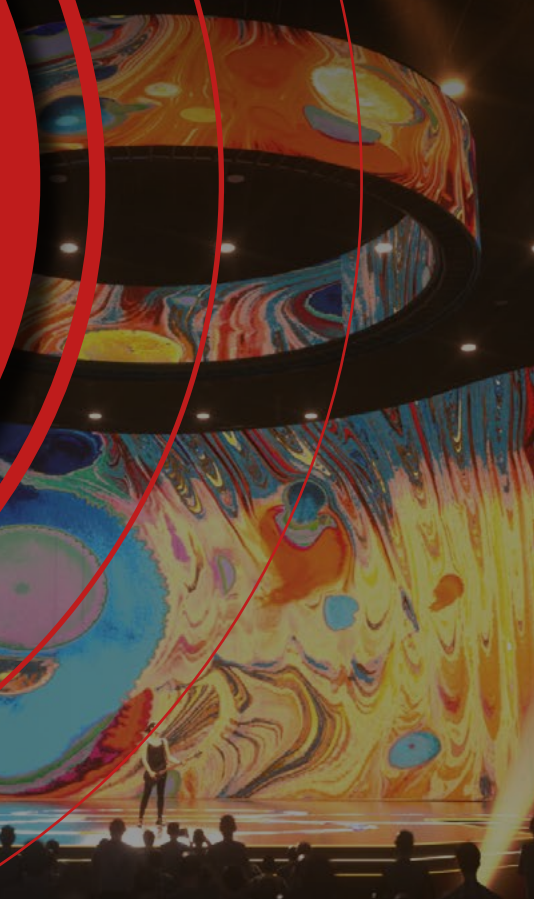


ROE

CREATIVE DISPLAY



Topaz

High-Performing Efficiency

INDOOR LED PANELS

Topaz: The All-purpose Live Events LED Panel

Are you looking for a high-efficient LED panel with trusted ROE Visual quality? Topaz fits that bill seamlessly. With its high-precision mechanics and excellent visual quality, it offers everything you love about ROE Visual. Topaz is a LED panel that combines stable and reliable performance with affordable cost-of-ownership, playing into the market challenges of AV-rental companies.



The Road-ready Rental Panel

Topaz delivers exceptional visual performance and versatile design possibilities, engineered with the precision and ease that define all ROE Visual LED panels. Its intuitive hanging and stacking capabilities enable seamless installations, unlocking endless creative possibilities for stage design.



Stacking

Quality Without Compromise

Delivering the perfect blend of performance and value, Topaz offers exceptional quality with versatile design possibilities. Built to meet the highest standards, it ensures seamless integration and reliable operation. With Topaz, you get a cost-effective solution without compromising on the precision you expect from ROE Visual.



Hanging

Unleash Creativity with Exceptional Visuals

Engineered for impact, its fine pixel pitch range of 1.5 to 2.6mm and vivid color rendering deliver stunning image quality. This high-efficiency indoor LED solution is designed for seamless integration across a wide range of applications, ensuring brilliant performance both on-camera and in direct-view environments.



High-Efficient



Pixel pitch
1.5 / 1.9 / 2.2 / 2.6



Lightweight
panel design

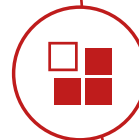


Your Daily Workhorse

Maintenance is a breeze with the Topaz panels, featuring both front and rear module service. The integrated PSU and Hub unit streamline repair and spare part replacement, making maintenance easy and cost-effective.



Modular design
PSU and HUB
combined in
one unit



High-brightness
1500 nits



Front and rear
module service



Specifications

Topaz	Topaz 1.5	Topaz 1.9	Topaz 2.2	Topaz 2.6
Pixel Pitch	1.56mm	1.95mm	2.23mm	2.604mm
Max Brightness Calibrated	1500nits	1500nits	1500nits	1500nits
Panel Dimension	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"
Panel Resolution (H x V)	320 x 320	256 x 256	224 x 224	192 x 192
Weight Per Panel	8.16kg; 17.99lbs	8.3kg; 18.30lbs	8.0kg; 17.64lbs	8.0kg; 17.64lbs
Panel Power Consumption Max / Average	160W(common cathode) / 80W	140W(common anode) / 70W	160W(common anode) / 80W	140W(common anode) / 70W
Panel BTU Max / Average	545 / 250	480 / 220	545 / 250	480 / 220
Transparency	Solid	Solid	Solid	Solid
Serviceability	Front / Rear	Front / Rear	Front / Rear	Front / Rear
LED Configuration	4 in 1 common cathode	4 in 1 common anode	SMD 1212 Black	SMD 1515 Black
Curving (Concave & Convex) *1	Concave 5°-Convex 5°	Concave 5°-Convex 5°	Concave 5°-Convex 5°	Concave 5°-Convex 5°
Max. Hanging panels *2	20	20	20	20
Max. Stacking panels *3	12	12	12	12
Viewing Angle Horizontal	140°	140°	140°	140°
Viewing Angle Vertical	140°	140°	140°	140°
Scan Ratio	1/16	1/16	1/16	1/16
Refresh Rate	7680Hz	7680Hz	7680Hz	7680Hz
Gray Scale	16bit	15bit	15bit	15bit
Processing Platform	Megapixel / Brompton / Evision	Megapixel / Brompton / Evision	Megapixel / Brompton / Evision	Megapixel / Brompton / Evision
Frame Material	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy
Operational Temp / Humidity	-20°-45°C, 10-90% RH -4°-113°F, 10-90% RH	-20°-45°C, 10%-90% RH -4°-113°F, 10%-90% RH	-20°-45°C, 10-90% RH -4°-113°F, 10-90% RH	-20°-45°C, 10-90% RH -4°-113°F, 10-90% RH
Storage Temp / Humidity	-40°-60°C, 10-90% RH -40°-140°F, 10-90% RH	-40°-60°C, 10%-90% RH -40°-140°F, 10%-90% RH	-40°-60°C, 10-90% RH -40°-140°F, 10-90% RH	-40°-60°C, 10-90% RH -40°-140°F, 10-90% RH
IP Rating	IP40	IP40	IP40	IP40
Certifications	CE, CB, ETL, FCC, UKCA, WEEE	CE, CB, ETL, FCC, UKCA, WEEE	CE, CB, ETL, FCC, UKCA, WEEE	CE, CB, ETL, FCC, UKCA, WEEE

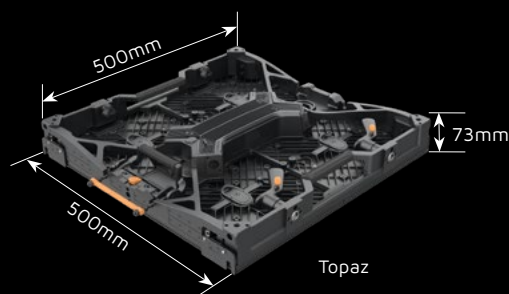
*Note: The specifications are for reference, actual values may vary.

*1 Convex curving ability only applies to custom tiles.

*2 The max. hanging amount is only valid when the ROE Visual hanging bar and complementary accessories are used and in an indoor situation. The safety factor is 8. No climbing is allowed.

*3 The max. stacking amount is only valid when the ROE Visual stacking system and complementary accessories are used, sufficient ballast is applied and in an indoor situation. No climbing is allowed.

Dimensions



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