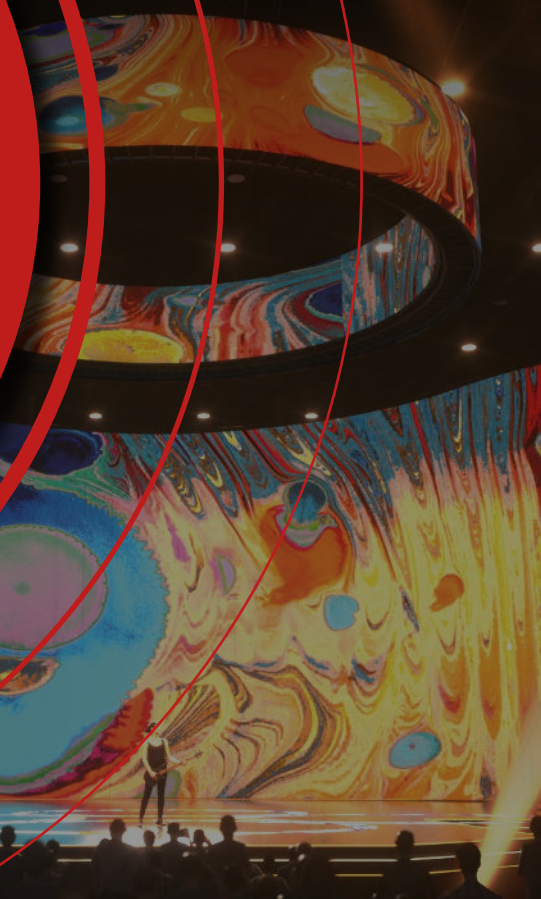


ROE

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 offers excellent visual quality in a sturdy frame that assembles with the precision and ease you're accustomed to – just like all ROE Visual LED panels. Topaz is easy to hang or stack, allowing for seamless installations that foster creativity in stage design.



Stacking

Don't Sacrifice Quality

There's no need to balance quality or specs against your return on investment. Topaz offers the best of both worlds, a high-efficient LED panel with a high utilization potential. Topaz allows you to lower your initial investment without sacrificing quality.



Hanging



Unleash Creativity with Exceptional Visuals

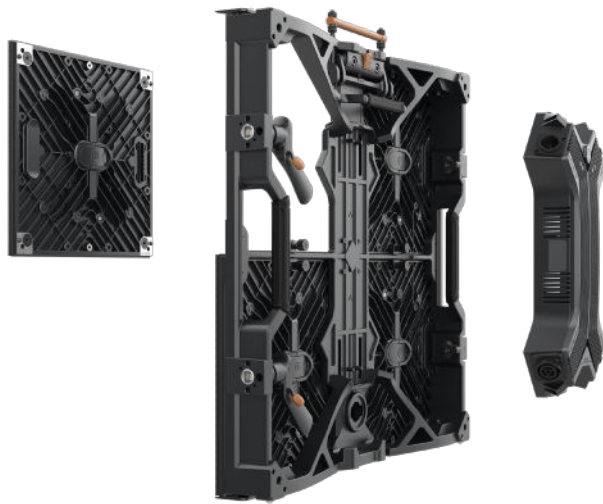
Experience the brilliance of the Topaz LED panel, designed to captivate with its 1.5 / 1.9 / 2.2 / 2.6 pixel pitch and vibrant colors. This indoor LED solution is a high-effective marvel, ideal for various applications including.

Pixel pitch
1.5 / 1.9 / 2.2 / 2.6

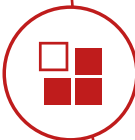
High-Efficient



Lightweight
panel design



Modular design
PSU and HUB
combined in one unit



High-brightness,
1500 nits



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.

Front and rear
module service



Specifications

Tile	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
Power Consumption Max / Average	160W(common cathode) / 80W	140W(common anode) / 70W	160W(common anode) / 80W	140W(common anode) / 70W
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	Indoor	Indoor	Indoor	Indoor
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

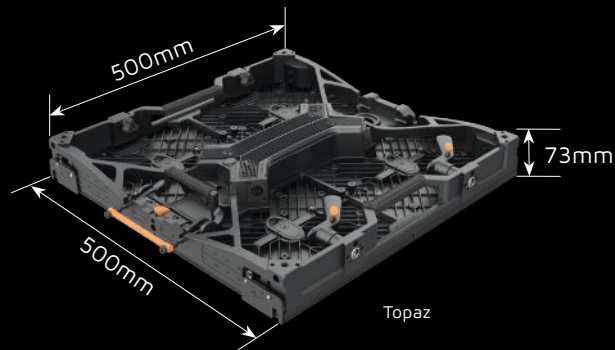
*Note: The specifications are for reference, actual values may vary.

*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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