Bragi Cinemascope
Theater Series

Bragi Cinemascope takes its name from a historical ninth-century poet. His poems were so outstandingly artful and moving that subsequent generations imagined that, upon his death, Odin had appointed him the court poet of Valhalla. Bragi is also Balder's brother and inherited as such Balder's design language including, optical core and lenses. Bragi has the same PULSE electronic and SW platform powered by a revolutionary new LED engine.

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Key features

Professional-grade optics

By basing Bragi's cinemascope optical engine on it's bigger brothers (Balder CS) architecture, custom designed aspherical glass elements and enhanced low dispersion glass lenses, image quality is in a class of its own. To top that, Bragi CS's frame and core is built in aluminium and magnesium, 23kg of pure quality. The result is the best picture quality ever shown at this level.

State-of-the-art electronics

All new "Pulse" electronics have been designed to process 4K with HDMI 2.0a and HDCP 2.2 and the optical engine utilizes the very latest 0.9-inch DMD DLP chipset, delivering 5,120 x 2,160 pixels on screen.

Cinemascope

Bragi CS has a unique automatic aspect ratio detection function. It will look for cinemscope content and automatically scale the image to fit the 5,120 x 2,160 resolution and of course revert back to 16:9 (3,840 x 2,160) if you have content in that format. It will also change aspect ratio when a movie has a menu's outside the active picture to make them visible. You can also switch manually between different formats.

Colors

LED colors are more saturated, our eyes are tricked to interpret this as richer and brighter colors than they are physically measured. Bragi offers colors in P3/DCI color mode.

Technical specifications

Resolution	5120 x 2,160 px @ 60hz
Display technology	DLP - 0.9" Single Chip DMD™
Housing	Sealed DMDs and optical assembly
Input compatibility	up to 4K UHD
Light output	T-version: up to 2,200 lumens
Contrast	450 : 1 ANSI Contrast
Light engine	Solid State RGB LED
LED life	50.000 hours -> 100% to 50% Brightness 75.000 hours -> 75% to 50% Brightness
Lenses	0.30 : 1 (EN68) 0.41:1 (UST 90 degree lens) 0.65 : 1 (EN67) 0.80 - 1.21 : 1 (EN66) 0.90 - 1.30 : 1 (EN76) 1.21 - 1.70 : 1 (EN63) 1.70 - 2.50 : 1 (EN61) 2.50 - 4.60 : 1 (EN44) 6.50 - 9.10 : 1 (EN69)
Lens shift range	Varies depending on lens, more than 100 % vertical shift
Inputs	2x DP, 2x dual link DVII, HDBaseT, HDMI 2.0
Control	RJ 45 Ethernet, DMX in/out, RS232 in, 2x USB, 12v out
Control drivers	Control4, Crestron, RTI and Savant
3D	active stereoscopic 3D Sync 3-pin DIN, BNC (SW upgrade Q4 2018)
Dimensions (WxLxH)	450 x 482 x 255 mm / 17.7 x 19 x 10 in. (including feet / excluding lens)
Shipping Dimensions	464 x 679 x 773 mm / 18,27 x 26,7 x 30,4 in
Weight	21.5 kg / 47.4 lbs
Power requirements	110 - 240 V / 50-60 Hz
Power consumption	500 W typical, 570 W maximum
BTU per Hour	1,707 BTU/h typical, 1,945 BTU/h max
Noise level (typical at 25°C/77°F)	30-33 dB(A)
Operating temperature	10 - 45°C (sea level)
Operating humidity	20 - 80% RH
Installation	free rotation
Certifications	CE, FCC Class A and cCSAus
Warranty	Limited 3 years parts and labor, extendable up to 5 years

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