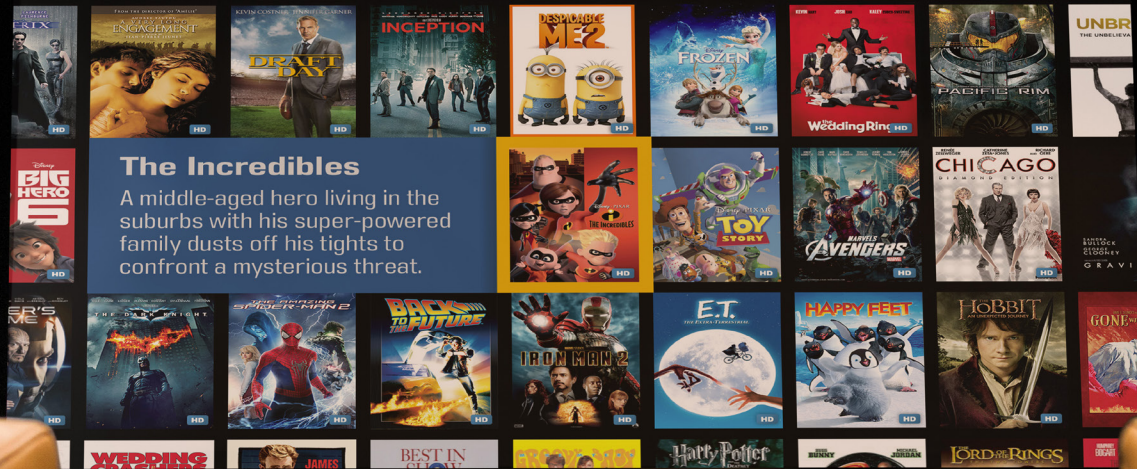


# Bragi Theater Series



courtesy St. Mawes Cinema



Bragi inherits much of its technology from Bragi CS including its optical core and lenses. The main difference is Bragi's 16:9 output. Bragi has the same PULSE electronic and SW platform, powered by an updated revolutionary LED engine. Bragi produces a stunning, wide and extremely consistent P3/DCI color gamut with a rich, vibrant color rendition, whilst delivering up to 2,600 lumens. Low noise and up to 50,000 hours life expectancy, 9 lens options and close to unlimited installation flexibility. Bragi delivers the ultimate and by far the best in image quality for smaller dedicated home cinema rooms we have ever seen, built or experienced before. In short, it is the best picture quality ever shown at this level.



# Bragi



THEATER SERIES

## Key features

### 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 is utilising the very latest 0.9-inch DMD DLP chipset, delivering 3,840 x 2,160 pixels on screen.

### LED Engine

Bragi uses a new optical engine taking the best from previous models and combining it with new technology to create an even better optical engine.

The optical engine is not the only part that is redesigned, the light source is brand new and uses the latest in HLD and LED illumination technology.

HLD LED is unique in that it works around the 'law of etendue' (a property of light in an optical system, which characterizes how "spread out" the light is in area and angle...) to deliver a superb color experience and incredible brightness while enabling new levels of resolution.

### Pulse

Pulse is a HW and SW based platform that simplifies and allows the signal to go from source to screen much faster and efficiently. We use an advanced image processing technique to display the image on the screen without any artefacts and with close to none latency, this is all made possible with Single Step Processing (SSP™)

### 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

<b>Resolution</b>	3,840 x 2,160 px @60hz
<b>Display technology</b>	Single chip UHD 4K DMD™
<b>Housing</b>	Sealed DMDs and optical assembly
<b>Input compatibility</b>	up to 4K UHD
<b>Light output</b>	T-version: up to 2,600 lumens
<b>Contrast</b>	450 : 1 ANSI Contrast
<b>Light engine</b>	Solid State RGB LED
<b>LED life</b>	50,000 hours -> 100% to 50% Brightness 75,000 hours -> 75% to 50% Brightness
<b>Lenses</b>	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)
<b>Lens shift range</b>	Varies depending on lens, more than 70% with EN61 & EN63
<b>Inputs</b>	HDMI 2.0, HDBaseT (1.4), DVI, DisplayPort, SDI, DMX
<b>Control</b>	TCP/IP, RS232, IR, Keypad, 12v Trigger
<b>Control Drivers</b>	Control4, Crestron, RTI and Savant
<b>3D</b>	active stereoscopic 3D Sync 3-pin DIN, BNC
<b>Dimensions (WxLxH)</b>	450 x 482 x 255 mm / 17.7 x 19 x 10 in. (including feet / excluding lens)
<b>Shipping dimensions (WxLxH)</b>	464 x 679 x 773 mm / 18,27 x 26,7 x 30,4 in
<b>Weight</b>	21.5 kg / 47.4 lbs
<b>Power requirements</b>	110 - 240 V / 50-60 Hz
<b>Power consumption</b>	500 W typical, 570 W maximum
<b>BTU per Hour</b>	1,707 BTU/h typical, 1,945 BTU/h max
<b>Noise level (typical at 25°C/77°F)</b>	30-33 dB(A)
<b>Operating temperature</b>	10 - 45°C (sea level)
<b>Operating humidity</b>	20 - 80% RH
<b>Installation</b>	free rotation
<b>Certifications</b>	CE, FCC Class A and cCSAus
<b>Warranty</b>	Limited 3 years parts and labor, extendable up to 5 years