IMAX Private Theatre Prestige™

IMAX Private Theatre Prestige™ offers the perfect entertainment solution for enhancing the versatility of clients' private entertainment space, delivering the authenticity of IMAX® to a multimedia environment of complete comfort and luxury for intimate audiences of up to nine people.

- Dual 4K 2D/3D projectors
- Immersive IMAX® curved screen and movable frame
- Proprietary IMAX® sound system
- Media server
- Blu-ray™ player
- Support for additional sources (DVD, CD, streaming, gaming, karaoke)
- Touch-screen control pad with dedicated control system
- x3 pairs of professional 3D glasses per seat
* Space Requirement: ~20–~40m²

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IMAX Private Theatre Prestige™ System Specification

	Projection system	Dual projectors
	Projector alignment	Mechanical
	Display resolution	4096x2160 (Native 4K)
	End to End 4K support	Yes
	2D brightness[1]	22fl-L to 30fl-L
	3D brightness[1]	6.5fl-L per eye
	3D mode	Passive
	3D format	L/R separation, frame packing, SBS, top and bottom
	3D/2D switch	Automatic 2D/3D input detection and 3D filter on/off
	Smart brightness balance in 2D	Support
	Native contrast (ON/OFF)	≥4000:1
Video System	Throw ratio	1.3-2.7
	Lamp life	≥2000hrs
	HDMI input compatibility	HDMI2.0&HDCP2.2, downward compatibility
	Pixel depth	12bit
	Maximum video format	4096x2160@60P
	Video format support	4K (4096x2160) @24P/60P, 4K (3840x2160) @24P/60P; 1080@50/60P, 1080@24P, 720@50/60P, 1080@50/60i, etc.
	Color gamut	BT.709
	4K scaler	Yes
	I/P (Interlaced/Progressive) conversion	Yes
	Physical Blu-ray™ disc support	Yes
	Streaming video support	Yes
	DCI support	No

Note: 1.Brightness levels for individual products are determined by reference to the IMAX Private Theatre™ design guidelines.

Screen		
	Screen aspect ratio	1.896:1
	Screen material	Silver, micro-perforated screen
	Maximum screen size	180inches

Audio System		
	HDMI input	8 way
	Dolby Digital Plus / Dolby TrueHD / Dolby Surround / Dolby Atmos	Supported
	DTS ES / DTS 96/24 / DTS-HD Master / DTS X	Supported
	PCM multi-channel	Supported
	HDCP2.2 compatibility	Yes
	Power amplifier output (per channel)	125W/8Ω, 165W/6Ω
	Front channel loudspeaker response	75Hz-20kHz (-3dB)
	Front channel loudspeaker sensitivity	95dB (1m/1W)
	Front channel loudspeaker dispersion pattern	80°Horizontal, 35°Vertical (1.5kHz/-6dB)
	Front channel loudspeaker MAX SPL (1m)	122dB continuous, 128dB peak
	Surround channel loudspeaker response	80Hz-20kHz (-3dB)
	Surround channel loudspeaker sensitivity	90dB (1m/1W)
	Surround channel loudspeaker dispersion pattern	80°Horizontal, 50°Vertical (1.5kHz/-6dB)
	Surround channel loudspeaker MAX SPL (1m)	110dB continuous, 116dB peak
	Subwoofer response	22Hz (-3dB)
	Subwoofer MAX SPL (1m 50Hz)	125dB continuous, 130dB peak

Control System		
	Control PC	Industrial grade central control computer
	Control system	IMAX Private Theatre™ proprietary control system
	Controller	Android tablet
	UI language	English

Remote Monitoring and Support		
	System status remote monitoring (24H/7D)	Yes, working status monitoring of all the key equipments, including projector, speakers, central control server, etc.
	Auto failure report	Yes
	Remote diagnosis	Yes
	SADA (speaker work status auto detect)	Yes
	Temperature&humidity monitoring	Yes

Power System		
	UPS	Included
	Power of the full system	4000VA

Equipment Size		
	Projectors	495.6*463.6*202.3mm each
	L/R speakers	655*450*180mm each
	Center speaker	410*470*200mm each
	Surround speakers	470*290*125mm each
	Subwoofers	570*930*220mm each
	Projector platform	1205*805*603mm
	A/V rack	600*450*635mm

Recommended Room Size:

Size	m²	No.of Seats	Height (m)	Width (m)	Depth (m)	Screen Size (Diagonal)
XS	20	3	2.3	4	5	130
S	27	5	2.6	4.5	6	150
M	32	7	2.8	4.8	6.6	165
L	40	9	3	5.5	7.2	180