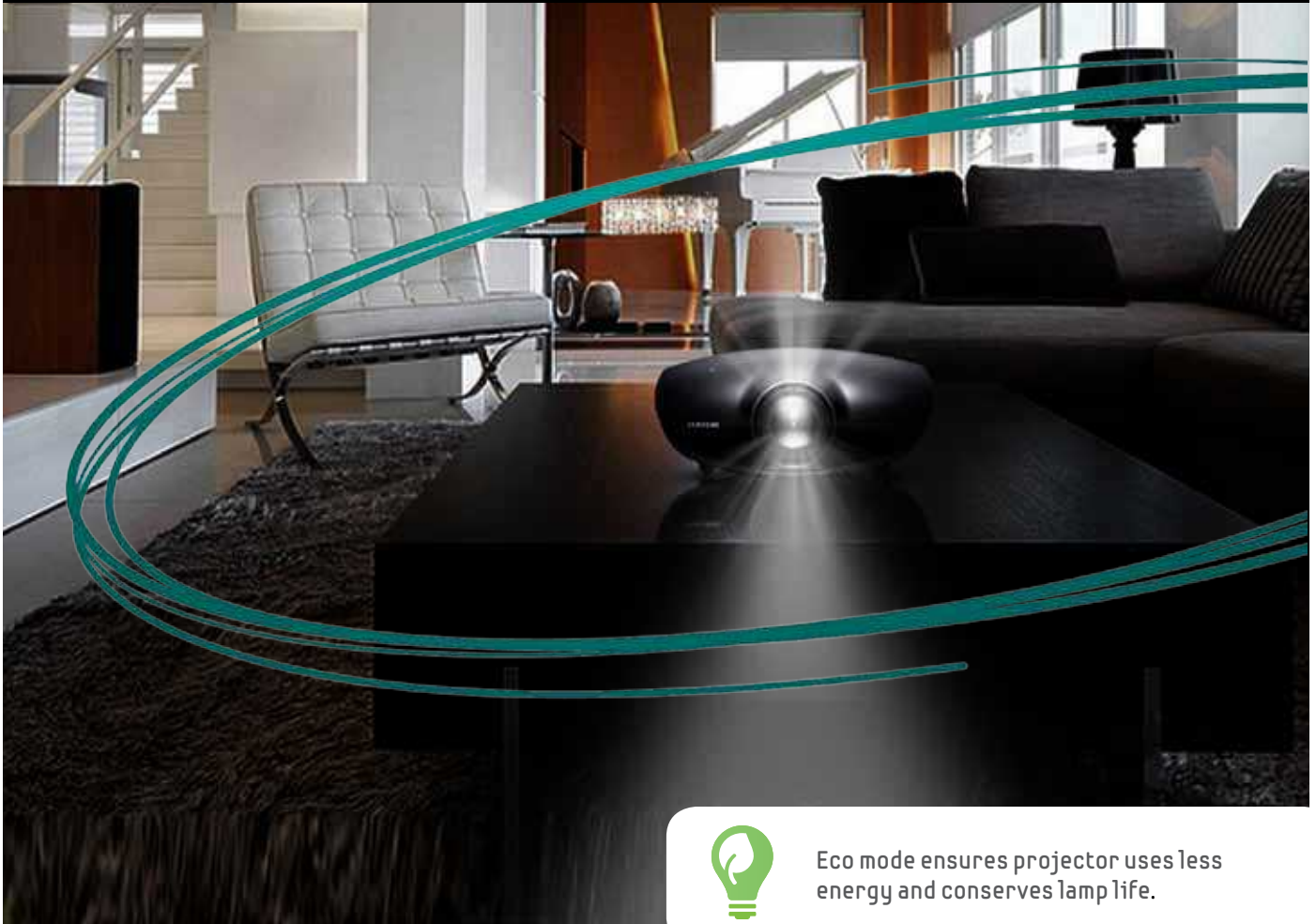# A900 · A800 · A600

SAMSUNG

Full HD 1080p Home Theater Projectors

Eco mode ensures projector uses less energy and conserves lamp life.

Features:

- 1080p Full HD resolution, razor-sharp images, ultra-rich blacks and accurate colorimetry to present every film with the superb picture that Hollywood intended

- 24-frame True Film mode for more realistic cadence of film playback during motion sequences

- High contrast ratios of 3000:1 (A600), 10,000:1 (A800) and 12,000:1 (A900)

- Very bright displays of up to 1000 ANSI lumens

- Ultra-rich blacks with DLP® Technology with DarkChip2™ (A600, A800) and DarkChip4™ (A900) chip sets

- Ultra-silent operation from 24dB (min.) to 30dB (max.)

- Two-year warranty standard

A900   A800   A600

*Joe Kane Productions (JKP) endorsed projectors, distributed by DVE Distribution www.dvedist.com

Films that were spectacular in Hollywood edit rooms can be every bit as spectacular in your home. Presenting the Samsung Full HD Home Theater projectors. Samsung engineering produces extremely accurate colorimetry with 24-frame film mode that will display films in all the beautiful glory the filmmakers intended. 1080p resolution, up to 1000 ANSI lumens, and high contrast ratios of 3000:1 (A600), 10,000:1 (A800) and 12,000:1 (A900) deliver sharp, brilliant images filled with detail. DLP® Technology with DarkChip2™ and DarkChip4™ (A900) chip sets, provide ultra-rich blacks. And extremely low 24dB noise levels make the film-watching experience more impressive! They're the home theater projectors for those who demand nothing less than the best cinematic performances.

A900
A800
A600

Full HD Home Theater Projectors

Features

1080p Full HD Resolution
The 1080p Full HD resolution shows Full HD movies and TV programs in the resolution of the original source material, to deliver an unparalleled viewing experience.

JKP Endorsed
The A900 and A800 were developed to the exacting performance standards of industry expert Joe Kane. Being JPK endorsed means you can expect the phenomenal color tracking performance envisioned by Joe Kane.

Accurate Colorimetry
Samsung engineering renders spectacular, theater-quality images. By developing our HD projectors in accordance with world wide standards for high definition broadcasts, films are presented with all the bright, sharp, colorful imagery that the filmmakers originally intended.

Ultra-rich Blacks
The A600 and A800 projectors feature the DLP® DarkChip2™, which reduces ambient light inside the projector for ultra-rich blacks. The A900 takes it a step further with the DLP® DarkChip4™ and delivers up to 12,000:1 contrast.

A900 Dimensions

Specifications	A900	A800	A600
Display			
Native/Supported Aspect Ratio	16:9/Zoom 1, Zoom 2, Widefit, 4:3	16:9/Zoom 1, Zoom 2, Widefit, 4:3	16:9/Zoom 1, Zoom 2, Widefit, 4:3
Brightness (max ANSI lumens)	Up to 1000 ANSI Lumens	Up to 1000 ANSI Lumens	Up to 1000 ANSI Lumens
Contrast Ratio	12,000:1 Full On/Off	10,000:1 Full On/Off	3000:1 Full On/Off
Display Technology	Single Chip DMD, 1080p, DarkChip4	Single Chip DMD, 1080p, DarkChip2	Single Chip DMD, 1080p, DarkChip2
Color Wheel	6 Segment Color Wheel	6 Segment Color Wheel	6 Segment Color Wheel
Native Resolution (pixels)	Full HD (1920 x 1080)	Full HD (1920 x 1080)	Full HD (1920 x 1080)
24 Frame Film Mode	Yes	Yes	Yes
Projector Placement	Front Floor/Ceiling, Rear Floor/Ceiling	Front Floor/Ceiling, Rear Floor/Ceiling	Front Floor/Ceiling, Rear Floor/Ceiling
Lamp Wattage	250 Watts, Eco Mode 300 Watts, High Bright	250 Watts, Eco Mode 300 Watts, High Bright	170 Watts, Eco Mode 220 Watts, High Bright
Lamp Life	2000 Hours, Eco Mode 1500 Hours, High Bright	2000 Hours, Eco Mode 1500 Hours, High Bright	4000 Hours, Eco Mode 3000 Hours, High Bright
Picture Mode	Standard, Dynamic, Movie 1~2, User 1 ~ 3	Standard, Dynamic, Movie 1~2, User 1 ~ 3	Vivid, Dynamic, Standard, Movie 1~2, User 1 ~ 3
Minimum/Maximum Image Size	40"/250"	40"/250"	40"/300"
Standard Lens Zoom	1.3:1	1.3:1	1.3:1
Standard Lens Throw Ratio	1.72 ~ 2.24	1.72~ 2.24	1.53 ~ 1.99
Standard Lens Image Offset Ratio	110%	110%	125%
Standard Lens Projection Distance	1.5 ~ 14m	1.5 ~ 14m	1.3 ~ 13.0m
Digital Keystone Correction (V)	N/A	N/A	+/-10°
Lens Shift (H)	+/-60%	+/-60%	N/A
Inputs & Outputs			
HDMI/DVI	Inputs: 2/Supported requires HDMI to DVI cable	Inputs: 2/Supported requires HDMI to DVI cable	Inputs: 2 (ver 1.3)/Supported requires HDMI to DVI cable
Component (RCA)	Inputs: 2	Inputs: 2	Inputs: 1
Computer	Inputs: 1 (Analog 15-pin) VGA	Inputs: 1 (Analog 15-pin) VGA	IInputs: 1 (Analog 15-pin) VGA
S-Video	Inputs: 1	Inputs: 1	Inputs: 1
Composite (RCA)	Inputs: 1	Inputs: 1	Inputs: 1
HDCP Support	Yes	Yes	Yes
RS-232	Yes	Yes	Yes
Projector Control	Projector Keypad, Remote Control	Projector Keypad, Remote Control	Projector Keypad, Remote Control
Compatibility			
Data Compatibility	VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200)	VGA (640 x 480), SVGA (800x600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200)	VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200)
H-Sync Range	31 ~ 91 KHz	31 ~ 91 KHz	31 ~ 91 KHz
V-Sync Range	56~85 Hz	56~85 Hz	56~85 Hz
Video Compatibility	Full NTSC, PAL, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i, 1080p	Full NTSC, PAL, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i, 1080p	Full NTSC, PAL, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
General			
Audible Noise	Min 24dB, Max 30dB	Min 24dB, Max 30dB	Min 24dB, Max 30dB
Actual Dimensions (W x D x H)	17.0" x 18.4" x 7.8"	17.0" x 18.4" x 7.8"	13.5" x 13.7" x 6.4"
Actual Weight	21.6 lbs.	21.6 lbs.	10.4 lbs.
Shipping Weight	23.8 lbs.	23.8 lbs.	12.6 lbs.
Projector Warranty	2 years	2 years	2 years
Lamp Warranty	600 hours or 180 days	600 hours or 180 days	600 hours or 180 days
Typical Power Consumption	390W	390W	275W
Standby Power Consumption	< 1W	< 1W	< 1W
Maximum Power Consumption	< 410W	< 410W	285W
Power Supply	100 - 240 Volts at 50 - 60 Hz	100 - 240 Volts at 50 - 60 Hz	100 - 240 Volts at 50 - 60 Hz
Approvals	UL and c-UL (US/Canada), FCC-A (US/Canada), CE (CE member countries), CCC (China)	UL and c-UL (US/Canada), FCC-A (US/Canada), CE (CE member countries), CCC (China)	UL and c-UL (US/Canada), FCC-A (US/Canada), CE (CE member countries), CCC (China)
Lamp Location	Bottom-load	Bottom-load	Bottom-load

17.0"

7.8"

18.4"

16:9 ASPECT RATIO　2HDMI　1080p INPUT