

# F10M

SAMSUNG

## LED-Based Data Projector



LED light source uses less energy than traditional light sources, and is mercury-free for no special recycling.

### Features:

- The first 3LED-based data projector rated at up to 1,000 ANSI lumens
- Bright LED projection chipset features individual 12mm<sup>2</sup> red, green and blue devices that provide a color gamut that exceeds NTSC standards
- LED light source eliminates need for costly replacement lamps
- 30,000-hour-rated light source provides ultimate reliability
- Blackboard mode enables projection on black or green screen
- Network-ready with RJ45 port for device control, monitoring and scheduling
- Internal speaker and document viewer via USB for flexibility
- Mercury-free and RoHS-compliant LED technology
- 3 year warranty



F10M

The Samsung F10M data projector features the first LED light source outputting up to 1,000 ANSI lumens. The RGB LED light source has a wide emitting area for primary colors, delivering greater color range and intensity. It's rated at more than 30,000 hours, and eliminates the need for costly replacement lamps. With Auto Keystone Correction, quick-release legs and quick on/off, the F10M will have you up and running quickly. Blackboard mode enables projection on a black or green screen. Closed captioning can display audio as text. And with networkability (RJ45 port) for control, monitoring and scheduling, along with the USB Document Viewer application, the F10M's flexibility is ideal for both mounted and table-top environments.

# F10M



## LED-Based Data Projector

### Features

#### The Brightest LED Data Projector

The Samsung F10M joins a long line of Samsung innovations by being the first LED data projector to be rated at up to 1,000 ANSI lumens.

#### 30,000-Hour Light Source

The 30,000-hour-rated LED light source adds reliability and eliminates the need for costly replacement lamps.

#### Greater Color Range

The bright LED light source provides greater color range and intensity, delivering a color gamut that exceeds NTSC standards.

#### Designed for Quick Start-Up

Auto keystone correction and quick on/off allow you to set up quickly.

#### Network-Ready

You can command and monitor the F10M's power lamp status and source over your network via the built-in network interface.

#### Document Viewer with USB Port

Computer-free presentations using a USB memory device and the built-in Document Viewer application projects native Microsoft® Office files, PDFs and media files in their native format.

#### Multi-Media Functions

Closed captioning functionality and Blackboard mode for projecting on black or green screens add flexibility.

#### Easier on the Earth

The absence of mercury-filled lamps means nothing toxic to dispose of, and no replacement costs for lower TCO.

#### F10M Dimensions



### Specifications

### F10M

Display	Native Aspect Ratio	4:3
	Supported Aspect Ratio	4:3, Zoom1, Zoom2, 16:9
	Brightness (max ANSI lumens)	Up to 1,000 ANSI lumens
	Contrast Ratio	Up to 2,000:1 Full On/Off
	Display Technology	3LCD
	Native Resolution (pixels)	XGA (1024 x 768)
	Projector Placement	Front Floor/Ceiling, Rear Floor/Ceiling
	Lamp Type	RGB LED with 12mm <sup>2</sup> emitting area
	Lamp Life	30,000 hours
	Picture Mode	Standard, Presentation, Text, Movie, Game, User
	Screen Format (Picture Size)	Normal/Zoom1/Zoom2/16:9
	Min./Max. Image Size	40"/ 300"
	Standard Lens Zoom	1.2:1
	Standard Lens Throw Ratio	1.48~1.78
	Standard Lens Image Offset Ratio	80%
	Standard Lens Projection Distance	4.6~42.6 ft.
	Digital Keystone Correction (V)	+/-20°
Auto Keystone (V)	Yes	
Inputs & Outputs	DVI	Requires HDMI to DVI cable
	HDMI	Number of Inputs: 1
	Component	Requires D-sub to RCA component cable
	Computer	Number of Inputs: 1 (D-sub 15-pin)
	S-Video	Yes
	Composite (RCA)	Yes
	HDCP Support	Yes
	RS-232	Yes (D-sub 9-pin)
	USB	Yes, type A
	Stereo RCA Jacks Inputs	Number of Inputs: 1 (pair RCA)
	Stereo 3.5 mm Mini-jack Inputs	Number of Inputs: 1 (pair with D-sub 15-pin)
	Projector Control	Projector Key Panel, Remote Control
	Speaker	7W
	Monitor Output (PC loopout)	Number of Inputs: 1 (D-sub 15-pin)
	Audio Output	Number of Inputs: 1 (Mini-jack, VAO-Variable Audio Output)
	Closed Captioning	Yes
	RJ45 (Network-ready)	Yes
Compatibility	H-Sync Range	30~80 KHz
	V-Sync Range	56~75Hz
	Product Color	White
General	Audible Noise	Eco-Mode: 26 [dB], Normal-Mode: 30 [dB]
	Actual Dimensions (W x D x H)	11.7" x 9.1" x 3.6"
	Actual Weight	9.24 lbs.
	Operating Temperature	41~95° F
	Maximum Altitude Supported	Max 3000m (Operating)
	Operating Humidity	20% ~ 80% (Non-condensing)
	Standby Power Consumption	1W
	Maximum Power Consumption	265W
	Power Supply	100 - 240 Volts at 50 - 60 Hz
	Projector Warranty	3 years
	Menu Languages	English, German, Dutch, Spanish, French, Italian, Swedish, Portuguese, Russian, Turkish, Thai, Chinese, Korean
	Approvals	UL and c-UL (US/Canada), FCC-B (US/Canada), CE (CE member countries), CCC (China)
	Security	Kensington Lock Slot
Special	Special Features	Blackboard Mode, Auto Sensing, Office Viewer, Movie Player, Graphic Viewer, Audio Player, Quick On/Off, Direct Power On/Off, Quick Foot Release, Digital Zoom



Product Information: 1-866-542-7214

samsung.com/projector

Product Support: 1-800-SAMSUNG

Projector Product Support: 1-866-764-9934



©2009 Samsung Electronics America, Inc. Samsung is a registered mark of Samsung Electronics Corp., Ltd. Specifications and design are subject to change without notice. See [www.samsung.com](http://www.samsung.com) for detailed information. Printed in USA. PRJ-F10MDSHT-Jan10T