

# ML1050ST+

Ultra-compact short throw LED projector

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- **HD Ready and LED technology - Great for movies, gaming and PC-free presentations**
- **Short throw lens with auto focus**
- **Feature packed - Built in media player, optional wireless, HDMI, MHL, microSD and built in speaker,**
- **Ultra compact and lightweight - only 420g**

Building on the successful ML1050ST the all new ML1050ST+ has all the benefits with the addition of auto focus for a seamless setup.

Perfect for meetings, presentations or movies on-the-go. This tiny projector weighs just 420g and comes with a convenient carry bag.

For business Give laptop free presentations using the built-in media player, native office viewer, microSD\* card slot and USB connection or present wirelessly from a mobile device using the free HDCast Pro app and optional wireless USB adapter. You can even use the it for digital signage applications as the projector can be mounted in virtually any orientation.

For home This compact projector is ideal for watching HD movies directly from a microSD\* card, USB stick or using the built-in memory. It even has a HDMI input which allows you to connect it to the latest laptops, PCs, games consoles or Blu-ray™ players. And with a low 16ms input lag and quick response time, this entertainment projector gives gamers a competitive advantage.

\*MicroSD Card and USB memory stick not included. Supports up to 32GB. Connection to some devices may require additional cables, available separately.

## Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	WXGA (1280x800)
Brightness (LED)	1,000 lumens
Contrast ratio	20,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3, 16:9
Keystone correction - vertical	40
Has vertical auto keystone correction	Yes
Horizontal scan rate	15.375 ~ 91.146Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	90%
Screen size	0.64m - 2.54m (25in - 100in)(Diagonal)
<b>Lamp info</b>	
Light source	LED
LED life	20,000 hours
<b>Optical</b>	
Throw ratio	0.8:1
Projection distance (m)	0.43m - 3.44m
Zoom type	Fixed
Focal length (mm)	8.02
Native offset	100%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x HDMI 1.4a 3D support + MHL, 1 x microSD card, 1 x USB-A reader, 1 x Universal I/O - VGA <b>Outputs</b> 1 x Audio 3.5mm
<b>General</b>	
Noise level (typical)	22dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz)
3D compatibility	SVGA 120Hz, XGA 120Hz
3D	3D ready
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	13 languages: Dutch, English, French, German, Greek, Italian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish
Operating conditions	5°C ~ 35°C, Max. Humidity 85%, Max. Altitude 2500m
Remote control	Card style
Speaker count	1
Watts per speaker	1W
In the box	Carry bag Universal I/O cable AC power cord Remote control Battery Basic user manual
Operating system compatibility	Windows 7 / 8 / 8.1 / 10, MacOSX 10.9 +, Android 4.0+, iOS 8+
<b>Power</b>	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (max)	77W
<b>Weight and dimensions</b>	
Net weight	0.42kg
Dimensions (W x D x H) (mm)	112 x 123 x 57

