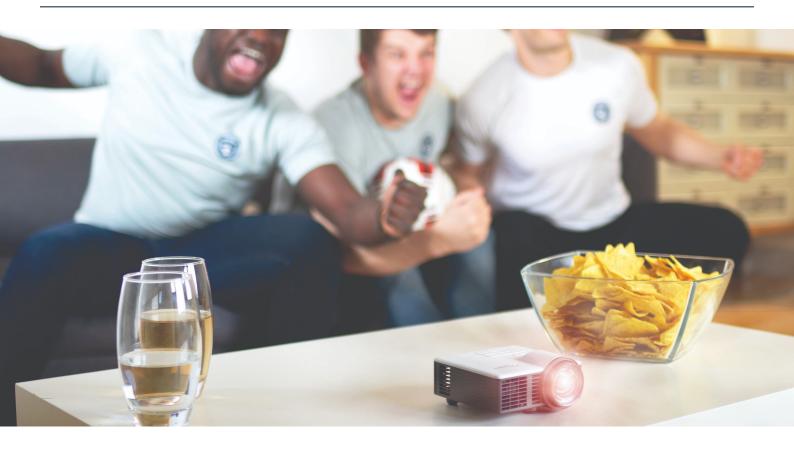# ML1050ST+
Ultra-compact short throw LED projector

- **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, micoSD 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.

Specifications

Display/image

Display technology	DLP™
Resolution	WXGA (1280x800)
Brightness (HK/ANSI)	1000/500
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	1.27m ~ 2.54m (50" ~ 100") diagonal

Lamp info

Light source type	LED
LED life	20,000 hours

Optical

Throw ratio	0.8:1
Projection distance (m)	0.86m - 1.72m
Zoom type	Fixed
Focal length (mm)	8.02mm/0.32"
Native offset	100%

Connectivity

Connections	**Inputs** 1 x HDMI 1.4a 3D support + MHL, 1 x microSD card, 1 x USB-A reader, 1 x Universal I/O - VGA
	Outputs 1 x Audio 3.5mm

General

Noise level (typical)	22dB
Noise level (max)	24dB
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/41°F~95°F, max altitude 2500M/8202.5ft, max humidity 85%
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+
Input lag	16.00ms
Optional wireless models	WUSB

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (max)	77W

Weight and dimensions

Dimensions (W x D x H) mm	112 x 123 x 57
Gross weight	0.42 kg
Net weight	1.2 kg