bSure

technical specifications

Technical specifications	LC3131 (bSure SV1)	LC3141 (bSure XG1)
LCD	3x 0.7" high-temperature poly-silicon active matrix LCDs	
Resolution	SVGA	XGA
Brightness	1200 ANSI lumens	1200 ANSI lumens
Lamp	132W	150W
Contrast	300:1	300:1
Average lifetime	6000 hours	3000 hours
Fan noise	27 dB	29 dB

Lens	F/1.8 - 2.2 ; f = 28.4 - 34 mm; 1.2x Manual Zoom; Manual Focus
	1.2x Manual Zoom; Manual Focus
	Projection distance 1,1 - 10 m (image diagonal 27.5" - 250")

Input signals

Video	NTSC 3.58, 4.43 ; PAL B,G,D,H,I,N,M ; SECAM
	S-video/S-VHS (Y/C)
	Component video input RGB-Y,YCbCr,YPbPr (480p,720p, 1080i)
Computer	PC and MAC compatible, Multi scan VGA-SXGA
	Horizontal scan rate: 15 - 108 kHz
	Vertical refresh rate: 50 - 120 Hz
	Bandwidth: 140 MHz
Plug and play	Display Data Channel DDC 1/2B
Compatibility	Microsoft® Windows® 95/98/ME/2000/XP compatible

Input connectors

Video	1	Component in R/Pr/Cr,G/Y,B/Pb/Cb (3x RCA)
	2	1x S-Video (Y/C DIN)
	3	1x CVBS Video (RCA)
Computer	4	1x Data in (15p D-sub)
Audio		
Video	5	Audio L/R (2x RCA)
Data	6	1x Stereo Audio (3.5 mm stereo jack)
Mouse	7	PS/2 (Mini Din)
	8	USB (type A)

Features	SecurityMax™ Theft protection
	SmartSet™ automatic image quality optimisation
	SmartSave™ auto-standby mode to increase effective lamp usage
	Colour Tracking™
	Digital Keystone correction, Digital Zoom and -Freeze
	Connect an external monitor via Y-cable on the RGB connector
	6W speaker
Dimensions	235 x 335 x 108 mm (9.2" x 13.2" x 4.2") (WxDxH)
Net weight	3.7 kg; 8.1 lbs

Power consumption

Operating voltage	100 - 240V, 50/60 Hz	
Operation	170W	210W
Standby	5W	
Temperature range		
Operational	+5 to +35 °C (+41 to +95 °F)	
Storage	-25 to +70 °C (-13 to +158 °F)	
EMC approbation	Class B	

Package	Compact remote control
	Power cord
	Combined VGA-USB cable (1.5m)
	Audio/Video cable (2m)
	Scart adapter (scart to RCA audio/video)
	Lenscap
	CD-ROM User Guide (UK, D, F, E, PT, NL, I), Chinese version printed in region.
	Quick Setup Card (UK, D, F, E, PT, NL, I)
	Warranty card + envelopes
Optional accessories	132W replacement lamp (LCA3116/00)
	150W replacement lamp (LCA3118/00)
	Softbag (LCA 1120/00)
	Ceiling mount (LCA2211/00)
	VGA extension cable, 15 metres (LCA5300/00)
	Monitor Y-cable (LCA5310/00)

Executions	LC3131/17 USA version	LC3141/17 USA version
	LC3131/40 RoW version	LC3141/40 RoW version
	LC3131/45 UK version	LC3141/45 UK version

* : depending on regional requirement

For optional* accessories please contact your dealer.

Image diagonal size		Projection distance			
		Tele zoom		Wide zoom	
[inch]	[metres]	[inch]	[metres]	[inch]	[metres]
40	1,0	74	1,9	01	1,5
60	1,5	112	2,8	91	2,3
70	1,8	130	3,3	106	2,7
80	2,0	150	3,8	121	3,1
100	2,5	187	4,7	152	3,9
150	3,8	280	7,1	228	5,8
200	5,1	374	9,5	304	7,7
250	6,4	468	11,9	380	9,7

The Philips Guarantee

The Philips range of advanced multimedia projectors combines portability, reliability and unsurpassed performance with a host of technological innovations. All of which ensures that you enjoy impressive and hassle-free projection wherever you are. What else would you expect from the innovative world leader in sound and vision technology?
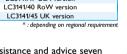
3-years warranty and free support

Every bSure projector comes with a full three-year warranty. This unique offer is backed up by the outstanding Philips First Choice* services, including a toll-free helpline,

that offers you assistance and advice seven days a week. For more difficult problems, you're guaranteed a temporary replacement with free delivery, within 48 hours. It's simply an unbeatable package.

Extreme compatibility

Philips projectors are extremely compatible with a whole range of data and video sources, thanks to their highly advanced scaling technology, which converts signals without any loss or deterioration. It's a serious advantage when you need to make an extra special impression with a mind-blowing multimedia experience.
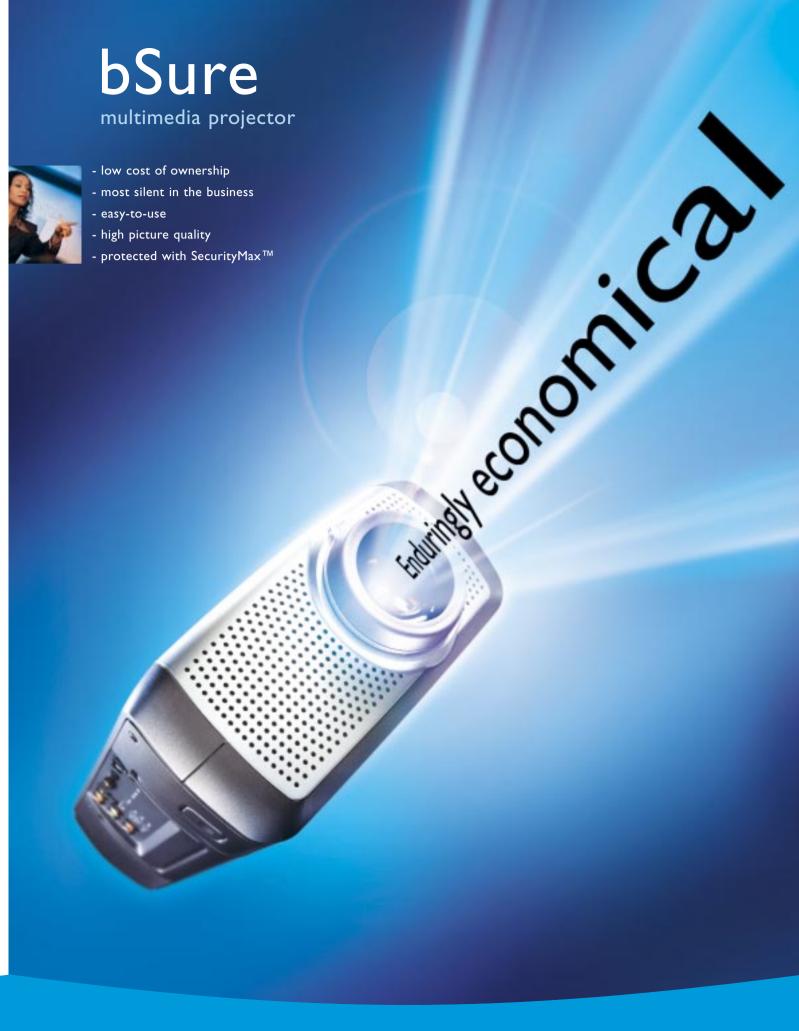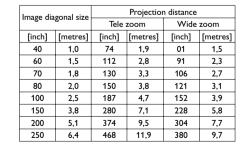
bSure
multimedia projector

- low cost of ownership
- most silent in the business
- easy-to-use
- high picture quality
- protected with SecurityMax™

Enduringly economical

Let's make things better.

PHILIPS

Let's make things better.

PHILIPS

As every teacher knows, half the battle in education is simply holding your student's attention. The new Philips bSure multimedia projector is the key to winning that battle. It's the 21st century alternative to blackboards and overhead projectors,and brings the perfect lecture - attentive students, a quiet classroom and unforgettable lectures - within the reach of every teacher.

The new Philips bSure multimedia projector offers uncompromisingly excellent picture quality. Presentations and films are always of the highest quality thanks to the bSure's high connectivity and special ColourTracking™ feature. This automatically adjusts image settings to achieve either natural colours or maximum brightness, regardless of the type of input. It's an important advantage that will help even the most technophobic teachers give faultless lectures. The bSure is the most silent in the business, thanks to the near-silent cooling system. It has never been this easy to attract and keep your student's attention.

Easy to use. Simple to set up

Straightforward, one-touch operation, combined with an intuitive interface, make the bSure a pleasure to operate. As a result, teachers are free to concentrate on their lectures, without having to worry about technical difficulties. An ergonomic remote control with 360° reception also comes as standard, allowing you to roam the classroom while you give your lecture.

Anti-theft protection

The bSure has a host of anti-theft devices available to protect your investment. Included, is the software SecurityMax™ - a customised, non-erasable start-up screen that can be set up to display your school's name and address or other means of identification. Additionally, a special 'shut down' can be set to occur after a desired number of run hours. This effectively disables the projector until your secret authorisation code is entered. There is also the option for anti-theft hardware - the Kensington lock - a convenient security system that fits your bSure projector.

Low cost of ownership

All of these special features come at a surprisingly affordable price, which is made even more affordable by the reliable and robust design. One aspect of this is the extremely long lamp life of 6,000 hours, which is maximised by the special SmartSave™ feature that automatically turns the lamp off when it's not in use (backed by a full 3-year Philips Service Warranty). All in all, the bSure assures you of complete peace-of-mind and long-lasting performance.

The essential teaching tool