

# bClever

multimedia projectors

- Affordable quality
- Ultra-silent at maximum brightness
- Impressive picture
- Easy to use



Best  
in class

**PHILIPS**

The new Philips bClever projector

# Enhancing the experience

The Philips bClever multimedia projector brings lessons to life in a way that benefits everyone! This bright yet quiet projector lets teachers add an exciting visual dimension with projected video, photos, diagrams, animations...

Pupils enjoy more varied and interesting tuition that enhances the teaching experience. And its competitive pricing plus low cost of ownership means the bClever is affordable for schools of all size.

## Bright and ultra silent

The bClever ingeniously combines an ultra-low noise level with a very bright picture. This feature, known as SmartOptimum, means you don't have to choose between maximum brightness or quiet operation - you get both at the same time! Fan noise is kept to an absolute minimum, so the teacher can be clearly heard at all times. Meanwhile the SmartSet™ feature automatically optimizes the picture quality, while ColorTracking™ ensures natural colors and maximum brightness. The projector is also equipped with a 6W high power built-in speaker which means that there is no need for separate speakers.

### SmartOptimum: maximum brightness and minimum noise - simultaneously

	bClever SV1 with SmartOptimum	Top 3 competitor projectors* with dimmable lamp
Noise level at full brightness	29dB	36dB

\*Most projectors have a dimmer feature so you can choose between maximum brightness or minimum noise. The bClever is unique: it offers both - **at the same time!**

## Sound investment

The bClever is a sound investment that repeatedly proves its value, lesson after lesson. This can be seen in its extremely long lamp life of 6,000 hours, which is further optimized by the SmartSave™ feature that automatically turns the lamp off when not in use. In addition, the stylish, robust housing is built to withstand the demands of today's classroom, so the projector is always ready for the next challenge.

*“Extremely long lamp life - 6,000 hours”*

*“Extremely simple to set up and use”*

## Automatic source selection

You don't have to be any kind of technology expert to set up or use the bClever. It is ready for use in 3 simple steps. Plug & play connectivity and automatic source selection makes it smoothly compatible with video, PCs, laptops, DVD - and more. SourceCheck will give you the confirmation by LED indication that the input is recognized by the projector. Helpful on-screen menus simplify the altering of settings, and a wide digital zoom range means you can highlight key information easily.

## Protected against theft

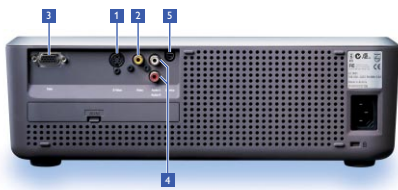
The possibility of theft is always present, so the bClever is fitted with a Kensington lock that allows it to be attached securely to an immovable object. The optional SecurityMax™ feature deters thieves even further, with its non-erasable start-up screen clearly showing your school's name and address or other means of identification, plus a shut-down facility which can only be reactivated by your PIN code.





# bClever

## technical specifications



For optional\* accessories please contact your dealer.

bClever SV1	
Type number	LC3631
LCD	3x 0.5" high-temperature poly-silicon active matrix LCDs
Resolution	SVGA (800x600 pixels)
Brightness	1100 ANSI lumen
Contrast	300:1
Lamp	150W UHP
Average lifetime	6000 hours
Fan noise	29 dB
Audio	1x 6 Watt mono

Lens	F/2.2 ; f =21.8 mm 1.2x Digital Zoom; Manual Focus Projection distance 1.5 - 10.0 m (image diagonal 38" - 250")
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Input signals	Video NTSC M, NTSC 4.43 and NTSC Japan PAL B, G, D, H, I, N and M SECAM B, G, D, K and LL S-video / S-VHS (Y/C)
Computer	YPbPr, RGBS and RGsogB PC and MAC compatible, Multi scan VGA - SXGA Horizontal scan rate : 30 - 65 kHz Vertical refresh rate : 55 - 85 Hz Pixel rate : 110 MHz
Input connectors	Video 1 1x S-Video (Y/C DIN) 2 1x CVBS Video (RCA)
Computer	3 1x Data in (15p D-Sub also to use for "Component Video in")
Audio	4 Audio L/R (2x RCA)
Service	5 Service connector also to use for SecurityMax™

Features	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
Dimensions	334 x 271 x 106 mm (13.1" x 10.7" x 4.2") (WxDxH)
Net weight	3.7 kg; 8.2 lbs

Power consumption	Operating voltage 100 - 240V, 50 / 60 Hz Operation 190 W Standby < 2 W
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 Lens cap Power cord VGA cable A/V cable (3 x RCA) CD-ROM User Guide (UK, D, F, E, PT, NL, It, Ch). Quick Setup Card (UK, D, F, E, PT, NL, It, Ch) Warranty card + envelopes Replacement lamp (LCA 3122/00) Softbag (LCA 1130/00) SecurityMax™ package (LCA 4122/00) USB Mouse Control / Presentation kit (LCA 4121/00) Ceiling mount (LCA 2214/00) Ceiling mount face plate (LCA 2314/00) VGA extension cable, 15 metres (LCA 5300/00) Monitor Y-cable (LCA 5316/00)
Optional accessories	

Executions	LC3631/17 USA version LC3631/40 RoW version LC3631/45 UK version LC3631/48 China version
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### 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 bClever projector comes with a full three-year warranty. In the first year 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 and in case you need servicing, you'll receive 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. This compatibility is high compared to competitive projectors. All thanks to their highly advanced scaling technology. It's a serious advantage when you need to make an extra special impression with a mind-blowing multimedia experience.

Projection distance (m)	Image diagonal (inches)	Fixed focal length			
		Image diagonal (cm)	Image width (cm)	Image height (cm)	Image offset (cm)
1.5	38	96	77	58	0
2.0	51	128	103	77	0
2.5	63	161	128	96	0
3.0	76	193	154	116	0
3.5	88	225	180	135	0
4.0	101	257	206	154	0
4.5	114	289	231	173	0
5.0	126	321	257	193	0
5.5	139	353	283	212	0
6.0	152	385	308	231	0
7.0	177	450	360	270	0
8.0	202	514	411	308	0
9.0	228	578	462	347	0
10.0	253	642	514	385	0
11.0	278	706	565	424	0
12.0	303	771	617	462	0
15.0	379	963	771	578	0



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