features

Hopper XG20 *Impact*
Ultra high-performance projector

- 1250 ANSI lumens
- XGA resolution

Hopper XG20
High resolution XGA projector

- 1000 ANSI lumens
- XGA resolution

Hopper SV20 *Impact*
Advanced SVGA projector

- 1250 ANSI lumens
- SVGA resolution

Hopper series
PAS™ *(Philips Air System)* for silent operation

Complete picture control: Digital Freeze, Digital Zoom, Auto Image, Picture formats 4:3 or 16:9

Digital keystone correction

Universal Serial Bus (USB)

- 150W long-lasting - up to 2000 hours - UHP™ (Ultra High Performance) lamp for uniform images, rich colours and brightness over time, without hot spots
- Easy plug&play
- Ultra lightweight - just 4.9 kg -
- Connect an external monitor with optional VGA Y-cable
- Ceiling mountable
- Auto voltage for safe usage around the world
- Audience size up to 150 people
- Kensington lock
- Free lightweight carry bag included
- Free remote control included

Free support:
- **First Choice* support**
- **Free toll-free technical support***

More information

www.pcstuff.philips.com/projectors

Design and specifications are subject to change without notice

* Available in the US, Western Europe. Check with your dealer for similar coverage in other regions.

technical specifications

	XG20 Impact	XG20	SV20 Impact
	LC4246	LC4242	LC4236
LCD	3x 0.9" high-temperature poly-silicon active matrix LCDs		
Micro-lens array	yes	no	no
Resolution	XGA resolution (1024x768)		SVGA resolution (800x600)
Number of pixels	2.359.296		1.440.000
Brightness	1250 ANSI Lumens	1000 ANSI Lumens	1250 ANSI Lumens
Contrast	200:1	250:1	300:1
Lamp	UHP-compact 150W (2000 hours), end user replaceable		
Lens	F/1.8-2.2 ; f = 38 – 50 mm		
	1.3x Manual Zoom; Manual Focus		
	Projection distance 1,1 - 11 m (image diagonal 20" - 280")		
Input signals			
Video	NTSC 3.58, 4.43 / PAL B/G N, M / SECAM		
	HDTV compatible		
Data	PC and Mac compatible, Multi scan VGA-SXGA; Auto Image		
	Horizontal Scan rate: up to 108 kHz; Vertical Refresh rate: up to 120 Hz		
	Bandwidth 140 MHz.		
Input connectors			
Video	1x S-Video (Y/C DIN), 1x CVBS Audio/Video (3x RCA)		
Data	1x D-sub (15 pin), 1x PC Stereo Audio (3.5 mm. stereo jack)		
Other	1x USB type B connector (upstream)		
Power in	100 - 240V, 50/60 Hz; 240 W		
Output connectors			
Audio	1x Stereo Audio (3.5 mm. stereo jack)		
Other	1x USB type A connector (downstream)		
Specialties	Long life and constant light output over entire lamp life projection lamp		
	Auto Image for trouble-free operation and optimal image quality		
	Full PC mouse control via RC unit and USB		
	USB Audio for sound from an external source on the projector		
	Powered hub for USB peripherals such as a document camera, keyboard, printer etc.		
	33dB Philips Air System for silent operation		
	External monitor loop-through functionality (via optional VGA Y-cable)		
	Digital keystone correction, Digital Zoom/Freeze, Picture format 4:3 or 16:9		
Dimensions	254 x 315 x 109 mm (10.0" x 12.4" x 4.3") (WxDxH)		
Net weight	4.9 kg; 11 lbs		
Operating temperature	+5 .. +35 ºC (41 .. 95 ºF)		
Package	Hopper XG20 Impact	Hopper XG20	Hopper SV20 Impact
	Trackerball remote control	Compact remote control	
	Power cord, VGA cable (D-sub, 15-pin), USB cable (2m)		
	Audio/Video cable (3x RCA, 2m)		
	Scart adapter (scart to RCA audio/video)**		
	Lenscap		
	Soft carrying bag		
	CD-ROM User Guide (7 languages)		
Optional accessories	UHP 150W replacement lamp (LCA3109/00)		
	Ergonomic trackerball remote control (LCA4113/00)		
	Leather travel Case (LCA1145/00)		
	VGA Y-cable for Monitor Out (LCA5310/00)		
	VGA extension cable, 15 meters (LCA5300/00)		
	Ceiling mount (LCA2205/00)		
Executions	LC4246/17 USA version	LC4242/17 USA version	LC4236/17 USA version
	LC4246/40 EU/ROW version	LC4242/40 EU/ROW version	LC4236/40 EU/ROW version

** depending on regional availability

Image diagonal size		Projection distance			
		Tele zoom		Wide zoom	
[inch]	[meters]	[inch]	[meters]	[inch]	[meters]
40	1,0	85	2,1	65	1,6
60	1,5	128	3,1	97	2,4
72	1,8	153	3,8	109	2,7
84	2,1	179	4,4	136	3,3
100	2,5	213	5,2	162	4,0
150	3,8	320	7,8	243	6,0
200	5,1	427	10,5	324	7,9
250	6,4	533	13,1	405	9,9

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