



Add Impact
In a simple way



Philips Multi Media Projectors

Let's make things better.



PHILIPS

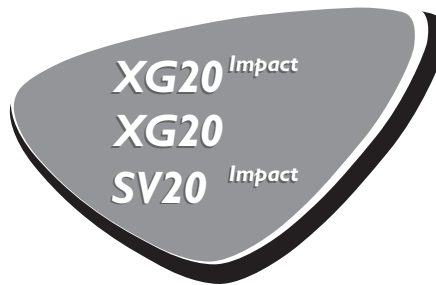
features:

Hopper XG20 Impact

Ultra high-performance projector



- 1250 ANSI lumens
- XGA resolution
- PAS™ (Philips Air System) for silent operation



technical specifications

Hopper XG20

High resolution XGA projector



- 1000 ANSI lumens
- XGA resolution
- PAS™ (Philips Air System) for silent operation

Hopper SV20 Impact

Advanced SVGA projector



- 1250 ANSI lumens
- SVGA resolution
- PAS™ (Philips Air System) for silent operation

Hopper series



Zoom and Focus

Ceiling mountable

Ultra-lightweight – just 11 lbs.

- Long-lasting – up to 4000 hours - UHP™ (Ultra High Performance) lamp for uniform images, rich colors and brightness over time, without hot spots
- Philips LIMESCO™ chip – guarantees compatibility with most video and PC/Mac data sources up to SXGA
- Easy plug & play
- Connect an external monitor with optional VGA Y-cable
- Auto voltage for safe usage around the globe
- Audience size up to 150 people
- Kensington lock
- Free carry bag included
- Free remote control included
- First Choice Warranty Program:
 - 24-hour roadside assistant
 - Toll-free technical support*

More Information

Fax Information System: (865) 521-4341
 Technical Support: 1-888-873-4672 (USA)
 Sales Information: 1-888-327-3636

	XG20 Impact LC4245	XG20 LC4043G	SV20 Impact LC4235
LCD	3x 0.9" high-temperature poly-silicon active matrix LCDs		
Micro-lens array	Yes	No	No
Resolution	XGA resolution (1024x768)	XGA resolution (1024x768)	SVGA resolution (800x600)
Number of pixels	2.359.296	2.359.296	1.440.000
Brightness	1250 ANSI Lumens	1000 ANSI Lumens	1250 ANSI Lumens
Contrast	200:1	250:1	300:1
UHP Lamp (end user replaceable)	2000 hrs (150w)	4000 hrs (120w)	2000 hrs (150w)
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 3.85, 4.43 / PAL N, M / SECAM Data PC and Mac compatible, Multi scan VGA-SXGA; Auto Identification Horizontal Scan rate: up to 90 kHz; Vertical Refresh rate: up to 110 Hz Bandwidth 100 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) Auto Image Power in 100 – 240V, 50/60 Hz; 240W		
Output connectors	1x Stereo Audio (3.5 mm. stereo jack)		
Specialities	Long life and constant light output over entire lamp life of projection lamp Full PC control via ergonomic trackball RC unit 33 dB Philips Air System 32 dB Philips Air System 33 dB Philips Air System External monitor loop-through functionality (via optional VGA Y-cable)		
Dimensions	10.0" x 12.4" x 4.3" (254 x 315 x 109 mm) (WxDxH)		
Net weight	11 lbs.; 4.9 kg		
Operating temperature	41 .. 95° F (+5 .. +35° C)		
Package	Trackerball remote control Power cord VGA cable (D-sub, 15-pin) Audio/Video cable (3x RCA) Soft carrying bag; Lens cap CD-ROM User Guide (7 languages)		
Optional accessories	UHP 150W replacement lamp (LCA3109) - LC4245 and LC4235 UHP 120W replacement lamp (LCA3108) - LC4043G only Trackerball remote control (LCA4113) Leather travel case (LCA1145) VGA Y-cable for Monitor Out (LCA5310) Ceiling mount (LCA2205)		

** 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
300	6.4	533	13.1	405	9.9



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