

# Hopper XG20 Impact

## Ultra high-performance XGA projector



• 1250 ANSI lumens



• XGA resolution



• PAS™ (Philips Air System) for silent operation



• Zoom and Focus



• Ceiling mountable



• Ultra-lightweight – just 11 lbs.



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



• Digital keystone correction



• Universal Serial Bus (USB)

- Long-lasting – up to 2000 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\***



### technical specifications

#### LCD

3x 0.9" high-temperature poly-silicon active matrix LCDs  
 Yes  
 XGA resolution (1024x768)  
 2.359.296

#### Brightness

1250 ANSI Lumens

#### Contrast

200:1

#### UHP Lamp

(end user replaceable)

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), Auto Image  
 Power in 100 – 240V, 50/60 Hz; 240W

#### Output connectors

USB 1x USB type A connector (downstream)  
 Audio 1x Stereo Audio (3.5 mm. stereo jack)

#### Specialities

Long life and constant light output over entire lamp life of 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.  
 33 dB 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  
 10.0" x 12.4" x 4.3" (254 x 315 x 109 mm) (WxDxH)

#### Dimensions

#### 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)  
 Leather travel case (LCA1145)  
 VGA Y-cable for Monitor Out (LCA5310)  
 Ceiling mount (LCA22050)

#### More information

FAX INFORMATION SYSTEM: (865) 521-4341  
 TECHNICAL SUPPORT: 1-888-873-4672 (USA)  
 SALES INFORMATION: 1-888-327-3636

#### Model number

LC4246

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



[www.philipsUSA.com](http://www.philipsUSA.com)

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