

# Hopper SV20 Impact

## Advanced SVGA projector



• 1250 ANSI lumens



• SVGA 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  
SVGA resolution (800x600)

Resolution  
Number of pixels

1250 ANSI Lumens

#### Brightness

#### Contrast

300:1

#### 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 B connector (upstream)

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)  
11 lbs.; 4.9 kg  
41 .. 95° F (+5 .. +35° C)  
Operating temperature  
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)

#### Dimensions

#### Net weight

#### Operating temperature

#### Package

#### Optional accessories

#### More information

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

#### Model number

LC4236

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



Design and specifications are subject to change without notice.

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