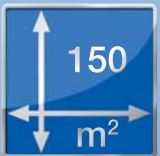# compact 328 dialog

For mobile use

280x210

Maximum screen size for daylight projection (recommended size in cm)

150 m²

Maximum room size for daylight projection (recommended size in m²)

>> Interactive smart projector
Completely interactive control of impressive PC presentations with the IR-Pointer - without additional devices and without additional wiring.

>> Innovative Technology
Pedagogically optimized imparting knowledge at schools under active inclusion of the pupils. Less expensive and much easier to install than every interactive board.

>> Concentration on the essential
Automatic taking of notes which are written with the Infrared writing pencil immediately in the picture. Thus nobody has to write minutes of meeting.

>> User friendly
Easy to use, the well known Windows interface is used. The provided presentation software is limited in functions to the easiest, intuitively usable functions: Writing, highlighting, drawing, saving.

>> For mobile use
With only app. 3,3 kg including accessories is the compact 328 dialog a unique mobile in house solution of an interactive device – only a steady projection surface is required on site.

Beamer 2007/2008: Geha compact 328 dialog

3LCD

XGA 1024x 768

2600 ANSI-LUMEN

dvi

3,3 kg

Interactive smart projector	Geha compact 328 dialog
Order no.	30 281 485
Display technology	3LCD 0.63" with micro lenses
Resolution (physical)	XGA 1024 x 768 pixels, from VGA (640 x 480) to UXGA (1600 x 1200)
Brightness (norm./eco. mode) in ANSI-Lumen	2600/2100
Contrast ratio	500:1
Weight in kg	3.3
Dimensions (W x D x H) in mm	325x260x97
Noise level (full/eco)	33/30 dB
Lens system	Zoom 1.2 x manual f=18.5 to 22.2 mm/F=1.65 to 1.93
Projection distance	1.1 m to 10.60 m
Image size (diagonal)	1.00 m to 7.62 m
Throw ratio (distance to image width)	1.45 to 1.74:1
Offset	5:1
Keystone correction	Vert. +/-30 auto keystone or manual
Functions	Digital input, Digital keystone correction; suitable for ceiling installation, rear projection, digital zooming, freeze, mask, OSD; Quick start & off, User logo, Ceiling detector, password protection
Lamp	200 Watt UHP
Lamp life time (normal/economy mode)	up to 2000 h/3000 h
Power supply	100 to 240V AC/ 50/60 Hz
Power consumption (on/stand-by)	285/<2,6 Watt
Video compatibility	PAL/SECAM/NTSC , 480i/p, 525i/p, 576i/p, 625i/p, 720p, 1080i
Horizontal frequency	31 to 92 kHz
Scanning rate	48 to 120 Hz
Bandwidth	165 MHz
Inputs	RGB 1(1 x 15 pin D-sub), Digital (1 x DVI-I), Audio (2 x 3.5 mm jack), video (1 x RCA) S-video (1 x mini-DIN 4 pin), component video (3 x RCA), audio (1 x 2 x RCA)
WLAN Specification	---
Outputs	RGB (1 x 15 pin D-sub), audio (1 x 3.5 mm jack)
RS232 port	9 pin D-sub
LAN port	---
Mouse port	1 x USB B
Sound system	1 x 8 Watt mono
Standard accessories	Projector, Power cable, VGA cable, S-Video cable, Video cable, USB cable each 1.5 m, air filter, Remote control with mouse remote and laser pointer, Batteries, IR showing staff and IR pen, CD-ROM with manuals, presentation software, camera drivers, Quick Start Card
Warranty	36 months
Lamp warranty	6 months or 500 hours

Accessories:

Order no.	Specification
30 207 431	air filter XXL for dusty rooms
60 207 522	200 W UHP lamp kit, life time up to 3,000 h (economy mode)

System requirements for the interactive system:
Operating system Windows XP with SP2 or higher, Memory: 256MB RAM in minimum, Processor Pentium IV or higher, 30MB free space on hard disc, CD-ROM drive, USB 2.0 interface (not compatible to USB 1.1)

Tip: The interactive system is based on the recognition and pursuit of an infrared source of light. Direct irradiation of strong infrared sources on the projection screen (the sun, halogen lamps) as well as shining surfaces can disturb the system and are to be avoided, therefore.

Figures refer to image width x image height

All dimension in m; drawing not to scale

					7.31 x 5.48	Maximum image size
			4.14 x 3.10			
		2.76 x 2.07				Minimum image size
	1.38 x 1.04		3.45 x 2.59		6.10 x 4.57	
0.76 x 0.57		2.30 x 1.72		A		Offset A : B = 5 : 1
-	1.15 x 0.86					
					B	Optical Axis
						Image bottom edge
Distance:	1.1 min.	2	4	6	10.6 max.	