

INNOVATE  
The Future of Projection



BZ-1M

ULTIMATE 究極  
INTERACTIVE

The **interactive projector** that lets you collaborate anywhere.



HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

HD  
ready



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

**HITACHI**  
Inspire the Next



# Engage. Collaborate. Share.

Hitachi's BZ-1M Ultimate Interactive Short Throw Projector contains powerful interactive technology that's set to revolutionise your whole approach to business presentations. We looked at the functions you need and developed easy and intuitive software to provide them. The result is a unique short throw projector that delivers instant effective interactivity on any flat surface. You and your team can share ideas and collaborate – anywhere.

## Make every meeting interactive

Project onto the wall, whiteboard or table wherever you want to present ideas, share information or gather contributions from your team. Display, update and save information as you work. Meetings have never been so productive.

Interactivity provides several benefits:

- Real time operation – and instant revision
- Improved audience concentration and contribution
- Save data and updates from audience participation

### Enhanced flexibility



Since we developed our first short throw projector, we've been refining and streamlining our design to make it more functional, more attractive and more convenient. The compact, lightweight chassis makes the BZ-1M easy to install and flexible to use. With the bundled wall mount and optional table top kit you can transform any existing whiteboard, wall or table top into an interactive surface.

### Write directly on projected images



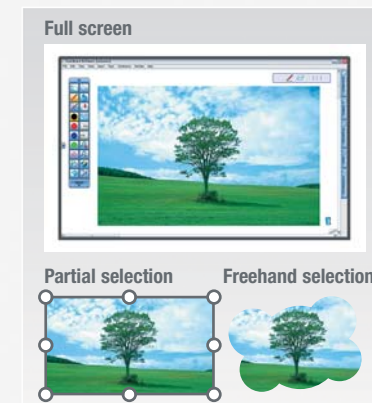
You can write letters or draw figures directly onto the content projected with the interactive pen and of course use it to erase what you have added. By enabling audience members to write on the images, they can join directly into the presentation. Rather than one-sided presentations by a presenter, you can now have truly interactive presentations.

### Compatible with Microsoft Office® Programs



The interactive software allows you write directly onto Microsoft Word®, Excel® and PowerPoint® files. Collaboration becomes easy and work becomes more efficient, with more done in less time.

### Copy, capture and select full or part of an image



Images are clear, bright and vivid, even in bright classrooms. You can save screen content at any time. In addition to Full Screen capture, you can also select Partial and Freehand capture, allowing you to preserve key content for later use.



### Interactive Pen

The interactive pen lets you select three mode variations. The Normal pen mode is best for annotations and freehand, Intelli-pen mode is best for writing notes and drawing shapes, and Pointer pen mode works the same as a laser pointer.



## Improve work efficiency with interactivity



### Traditional presentation

With traditional presentation methods it's often difficult for the presenter to share ideas and comments raised after the presentation has taken place.



Record notes and ideas from your presentation on a flip chart or hand out.



Print out or take a photo of your presentation. Add notes and discussions manually.



Scan the print out and save the photo to your computer.



Email the presentation to colleagues.



### Interactive presentation

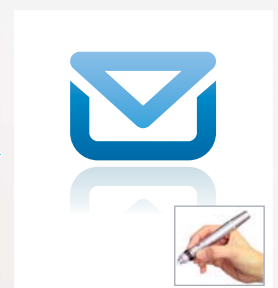
With the integrated 'write, save and send' functionality, it's quick and convenient to present ideas, gather contributions and share notes with your colleagues following a meeting. Saving time and improving work efficiency.



Project your presentation onto any existing whiteboard, flat surface or table top. Discuss with colleagues and write your notes directly onto your projected image using the interactive pen.



Save your updated content instantly.



Email and share the updated file with colleagues.

# Ultimate connectivity



## Network capabilities

The BZ-1M offers flexible networking. Administrators can schedule a variety of actions for multiple projectors on the network, including automatic Power On/Off and Centralised Reporting. The clever Messenger function also allows messages to be sent to multiple projectors instantly or at a specified time, handy for displaying announcements and emergency messages. To make meetings more effective, the Multi PC presentation mode lets you display the contents of up to four computers on screen simultaneously.



## Technical specifications

### OPTICAL

Interactive sensor (IR and ultrasonic waves system)	Single touch, an interactive pen is required
Resolution	WXGA (1280 x 800)
Light output (brightness)	2500 ANSI Lumens (Normal Mode)/1700 ANSI Lumens (Eco Mode)
Colour light output (colour brightness)	2500 ANSI Lumens (Normal Mode)/1700 ANSI Lumens (Eco Mode)
Contrast Ratio	2000:1 (Presentation Mode)
Lamp Life	3000 hours (Normal mode)/5000 hours (Eco Mode)*
Distance to Width Ratio (-1)	0.3:1 (fixed)
Diagonal Display Size	60~100" (152~254cm)

### COMPATIBILITY

Computer Compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, MAC 16"
Video Compatibility	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p (720p@60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz) DCC2B
Plug & Play	

### FEATURES

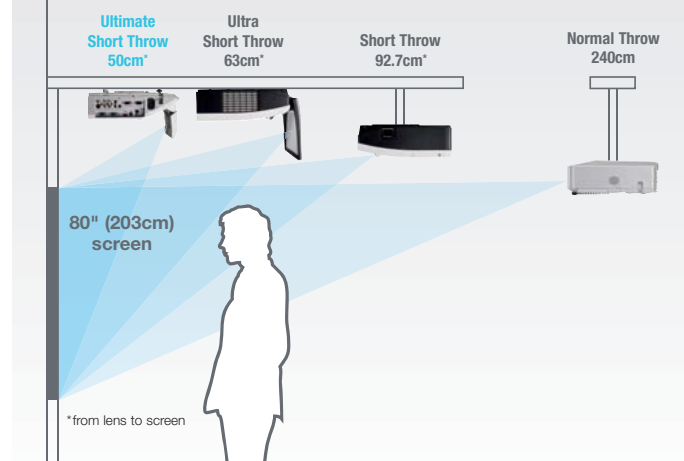
Speakers	10W Mono
Picture adjustments	Equalizing Gamma Correction, 2-3 Pull down for NTSC, Progressive Scan, Noise Reduction, Perfect Fit
Digital keystone	Manual Vertical Keystone correction, Manual Horizontal Keystone correction
Power on & off	Quick ON, Direct ON, Direct Off, Auto Eco Mode
Security systems	PIN-Lock, MyScreen PIN-Lock, Keypad Lock, Kensington slot, Transition Detector, Security bar
Network	Configure and control projector via web browser, receive alerts via e-mail, projector management via SNMP, Scheduling, My Image, displaying text data transferred via the network, Command Control via network, AMX Device Discovery, Messenger, PJ Link™, Network Bridge, content via LAN
OSD Languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)

## Hitachi software requirements

- CPU: Intel Pentium 4 1.8GHz or faster
- Free hard drive space: 600 MB or more
- RAM: 1GB or more
- Display colours: High Colour (16 bit) or higher
- Operating system (OS): Windows XP 32bit/Windows Vista 32bit/Windows 7 32/64bit (the latest service pack must be applied) (Tablet PC Edition and Server Edition are not supported)
- Software required: Internet Explorer 6.0/7.0/8.0 (for viewing Online Help and using Internet search functions) PowerPoint 2002/2003/2007/2010 (for viewing PowerPoint documents) Microsoft DirectX 9.0c/Windows Media Player 9 or above (for using movie features) Adobe Flash Player 10 (for using Flash object)
- Others: DVD drive. Video card with hardware overlay feature (for using movie features)

## Ultimate Short Throw Technology

Short throw projectors make installation simple, even in crowded and compact rooms. But Ultimate Short Throw does more. As well as the convenience of the short throw format it delivers outstanding picture clarity. With conventional technology, extremely short throw often results in distortion and poor image quality. Hitachi's Ultimate Short Throw projectors achieve optimum image quality, with eight point adjustment that includes all four corners and sides, allowing distortions to be eliminated, even on imperfect walls – ensuring your projector can go to work anywhere.



### CONNECTIONS

Digital Input	1 x HDMI (HDCP Compliant)
Computer Input	2 x 15-pin Mini D-sub
Computer Output	1 x 15-pin Mini D-sub
Video Input	1 x RCA Jack (for composite)
	1 x S-Video Jack
	2 x Component D-sub (shared with analogue RGB)
Audio Input	2 x Stereo Mini Jack
	1 x pair RCA (L/R)
	1 x Microphone Jack
Audio Output	1 x pair RCA (L/R)
Control	1 x 9-pin D-sub for RS232 control
USB	1 x USB type A for PC-less presentation
	1 x USB type B for mouse control
Wired network	1 x RJ-45

### POWER

Power Supply	AC100-120V/220-240V, auto switching
Power Consumption	300W/<0.3W (AC 220-240V)

### PHYSICAL

Dimensions (W x H x D)	345 x 102 x 303mm (excluding feet and extrusions when mirror is closed)
Weight	4.1Kg
Noise Level	34dB (Normal)/28dB (Eco)
Air Filter	Hybrid (up to 5000 hours)

### ACCESSORIES SUPPLIED

Remote control with batteries (HL02772), RGB cable, power cord, cable cover, security label, user manual (detail & concise), wall mount (HAS-K250), interactive pen with batteries, USB cable (5m), Hitachi software and manual, Application DVD (software)

### OPTIONAL ACCESSORIES

Replacement lamp	DT01251
Table mount	TT-251**

### WARRANTY

Projector warranty	3 Years
Lamp warranty	Please consult your local Hitachi agent for the latest offer

## Hitachi software special requirements

### For webcam playback and capturing feature

- DV (Digital video, DV cameras, D-VHS)
- Capture devices which support DirectShow (with WDM drivers)

### For conference host feature

- CPU: Intel Core 2 Duo 2.0GHz or faster
- Free hard drive space: 2GB or more
- RAM: 2GB or more
- Others: TCP/IP 54Mbps or above