# Picture-perfect presentations

The MP721 offers the reliability, image quality, and convenience features that make it easy for you to deliver great presentations.

**Colour**

**Friendly design**

**Quiet**

## BenQ Digital Projector MP721/721c

### Specifications

| | |
|---|---|
| Projection System | DLP™ technology by Texas Instrument® |
| Panel | XGA DDR DMD™ x 1 |
| Native Resolution | XGA (1024 x 768) |
| Brightness | 2500 ANSI lumens /2200 ANSI lumens |
| Contrast Ratio | 2000:1 (Full on/Full off) |
| Aspect Ratio | 4:3 Native, 16:9 Selectable |
| Color | Full 16.7 million color palette |
| Lens | F=2.6 to 2.77, f=20.4 to 23.5 mm |
| Zoom Ratio | Manual Zoom, 1.15:1 |
| Image Size (Diagonal) | 31" to 300" |
| Throw Ratio | 54"@6.6 feet(54'@2m) |
| Lamp | 200W, 3000/4000 hours (Normal/Economic mode) |
| Computer Compatibility | VGA(640 x 350) to SXGA(1280 x 1024) |
| HDTV Compatibility | 480i, 480p, 576p, 720p, 1080i |
| Video Compatibility | NTSC, PAL, SECAM |
| Horizontal Frequency | 31-82 kHz |
| Vertical Scan Rate | 48-85 Hz |

| Input Terminals | | |
|---|---|---|
| | PC | Analog RGB: D-sub 15 pin x 1(shared) / DVI-I (shared with wireless module) |
| | A/V | Component Video: D-sub 15 pin x1(shared) / S-Video: Mini Din 4 pin x 1 |
| | | Composite Video: RCA x 1 |
| | Audio | PC audio: Stereo mini jack x 1(shared) / Video L/R audio: Stereo mini jackx1(shared) |
| Output Terminal | PC | Analog RGB: D-sub 15 pin x 1 / Audio 2 Watt Speaker x 1 |
| Control Terminal | | USB Connector : USB x 1, Type mini B / Serial Connector : RS232 8 pin MINI DIN |

* The actual lamp life may depend of the surrounding environment. Condition that may affect lamp life including altitude, temperature or switching the projector on and off.

| Distance (m) | 1 | 1.5 | 2 | 2.5 | 3 | 5 | 6.5 | 10 |
|---|---|---|---|---|---|---|---|---|
| 4:3 aspect ratio, screen size (inch) | 23~27 | 35~41 | 47~54 | 59~68 | 70~81 | 117~135 | 153~176 | 235~270 |
| 16:9 aspect ratio, screen size (inch) | 22~25 | 32~37 | 43~50 | 54~62 | 65~74 | 108~124 | 140~161 | 215~249 |

There is 3% tolerance among these numbers due to optical component variations.

### Specifications

| | |
|---|---|
| Dimensions(W x H x D) | 10.9 x 4 x 8.7 inches (278 x 100.3 x 220.2 mm) |
| Weight | 5.9 lbs (2.67 kg) |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz |
| Power Consumption | Max 285W |
| Audible Noise | 28/24 dB (Normal/Economic mode) |
| On-Screen Display Languages | English/ French/ German/ Italian/ Spanish/ Russian/ Traditional Chinese/ Simplified Chinese/ Japanese/ Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese / Thai/ Polish (17 Languages) |

| Picture Modes | PC Input: | A/V Input: |
|---|---|---|
| | Dynamic | Dynamic |
| | Presentation | Cinema |
| | sRGB | Standard |
| | Cinema | Blackboard |
| | Blackboard | |

| Functions | | |
|---|---|---|
| | Power On/Off Tone | Blackboard Mode |
| | Presentation Timer | Security Password |
| | Panel Key Lock | Mute |
| | Auto Adjustment | Auto Source Detection |
| | Freeze | HDTV Compatible |
| | Blank (ECO mode) | Macintosh® Compatible |
| | Auto Off | "Mode" Hot Key |
| | Quick Cooling | "Q?" Hot Key for FAQ |
| | Resolution Reminder | MyScreen (optional) |

| Accessories (Standard) | |
|---|---|
| User's Manual | Soft Carry Case |
| Quick Start Guide | VGA Cable |
| CD Manual | PWR Cord |
| Remote Control | Video Cable |
| Battery for R/C | |

### Accessories (Optional)

* Presentation plus
* RS232 cable
* HDTV(Y/Pb/Pr) cable
* Spare lamp kit (5J.J2C01.001)
* Universal ceiling mount

**BenQ**
*Enjoyment Matters*

## Put a pro on your presentation team

**BenQ**

MP721

**PUSH**

**MP721/721c Digital Projector Mainstream Series**

XGA 1024x768 | 24 dB | Contrast 2000:1 | 4,000 Lamp hours | Panel Key Lock | Power On/Off Tone | Presentation

**BenQ**
*Enjoyment Matters*

# Immaculate Image Quality

You can count on the MP721 to provide exquisite picture quality for your presentations, so they'll look their very best.

### Color Matching
For presentations of material where accurate color rendition is important, the MP721's sophisticated color matching technology offers a huge advantage. So when you want your audience to see precisely the same colors in your presentation that you saw when preparing it, the MP721 is the way to go.

**Contrast 2000:1**

### High Contrast
To fully bring out the colors and visual intricacies of your presentation slides, the MP721 gives you an ultra-high 2000:1 contrast ratio. Even on a slide where similar colors are used, text and other visual elements stand out clearly.

### Picture Mode
For extra versatility, the MP721 provides a number of picture modes. These allow you to achieve excellent display quality whatever the application and wherever you go.

**2,500 ANSI Lumens**

### Extra Brightness
A powerful 2500-lumen lamp ensures that even small text and detailed graphics will be clearly visible if the lighting conditions at the venue are less than ideal. Even with overhead lights on, your audience can enjoy a presentation that looks crisp and not washed out. (MP721/2500 ANSI lumens ; MP721c / 2200 ANSI lumens)

## MP721 Picture Mode Application Form

| Input Signal | Picture Mode | Application |
|---|---|---|
| PC Signal Input | Dynamic | For viewing in brightly lit rooms |
| | Presentation | Presentations |
| | sRGB | Viewing digital photos in a living room |
| | Cinema | Playing movies/video clips from camera or camcorder through PC input |
| | Blackboard | For shooting images on blackboard |
| Video Signal Input | Dynamic | For viewing in brightly lit rooms |
| | Presentation | For viewing in brightly lit rooms |
| | Cinema | Viewing movies in a darkened room (curtains closed, but some toollead light) |
| | Standard | Makes photos more distinctive and sharper |
| | Blackboard | For shooting images on blackboard |

### Picture modes optimize your needs for every scene.

Customers can easily switch projector setting to match up all scenarios, from place to place, purpose to purpose.

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# Perfect Presentations Made Simple

The MP721 not only lets you give picture-perfect presentations, but it doesn't force you to jump through hoops to do it. In fact, it makes it positively easy.

**Panel Key Lock**

### Control Key Lock
To help you avoid annoying glitches during a presentation, the MP721 provides a control key lock. When activated, even accidentally hitting a button won't cause your presentation to crash and burn.

**Presentation Timer**

### On-Screen Timer
An on-screen timer helps you keep your presentation at just the right pace. Your audience will also appreciate being able to keep track of how much time remains. Instead of wondering about where you are in the presentation, everyone can concentrate on the actual content instead.

**Power On/Off Tone**

### Helpful Alerts
So you can stay focused on your presentation, the MP721 uses discreet alerts to let you know when it has powered up or finished cooling. With no need to look for indicators on the projector, you're freed to continue engaging your audience. Just wait for the ring tone starts and you can unplug or start the projectors.

### Wireless Presentations LinkPro is an Optional Accessory
With BenQ's LinkPro wireless connectivity module, you can cut loose from restrictive cables. Gain the flexibility and freedom of being able to move the notebook running your presentation. Your entire presentation will benefit from the added elegance and professional polish of being run without the need for unsightly cables.

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# Rock-Solid Reliability

When you're counting on a presentation to clinch a deal or win over a new client, the last thing you need is a projector that you can't depend on to perform to expectations. With the MP721, you can rest easy and concentrate on delivering the presentation.

**24 dB**

### Quiet Operation
The MP721's efficient ventilation design effectively removes heat from internal components with the cooling fan spinning slower and thus more quietly. In fact, the MP721 runs at just 24dB in its power-saving mode, ensuring your audience won't be distracted by annoying noise during your presentation.

**BenQ MP721:24dB**
Whisper quiet

| Levels of sound | | | | | | |
|---|---|---|---|---|---|---|
| 0dB Threshold of hearing | 10dB Breathing | 20dB Rustling Leaves | 30dB Quite Library | 40dB Refrigerator | 50dB Conversation | |

**4,000 Lamp Hours**

### Durable Design
The MP721 performs reliably even in adverse environments, such as at high altitudes, with special operating modes to automatically adjust cooling fan speeds and other parameters. Furthermore, the long-life lamp is designed to provide an average of 4000 hours of use, freeing you from the hassles and expense of frequently installing new ones.
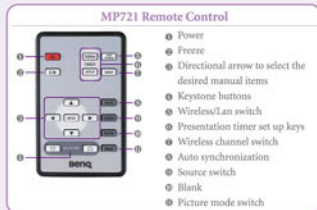
**My Screen**

### Handy Customization
The MyScreen software utility makes it a snap to set your company's logo or any other graphic as a start-up screen to impress your audience. Simply connect the MP721 to your PC with a common RS-232 cable (optional), and then let MyScreen guide you through the process.

### Auto Shutdown
A smart auto-off feature shuts the projector down when no input sources are detected after a preset interval. This feature not only conserves power, but also prevents possible overheating.

## MP721 Remote Control

- Power
- Freeze
- Directional arrow to select the desired manual items
- Keystone buttons
- Wireless/Lan switch
- Presentation timer set up keys
- Wireless channel switch
- Auto synchronization
- Source switch
- Blank
- Picture mode switch

## Multi-Function Connectors   Color coded connectors make setup a breeze!!

- IR remote sensor
- USB socket
- RS232 control port
- VGA out PC/ RGB
- VGA in supports:
  - PC/RGB
  - Video component: Y/Cb/Cr,Y/Pb/Pr
- DVI-I (Digital and Analog)
- Video Socket
- S-Video Socket
- Audio Socket
- Kensington anti-theft lock slot