

Equipped For the Wireless World - LinkPro (Optional)



Wireless Connectivity

When you don't want to be bothered with cables, use the LinkPro WiFi module to run your presentation from a notebook computer wirelessly. The BenQ Wireless Wizard software makes it easy, with automatic connections and easy switching among multiple notebooks.

Network Cable Connectivity



Link with one laptop.

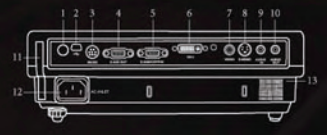


Link with Many laptops.

* The LinkPro wireless module is only compatible with the BenQ MP770, MP720, and MP720p.

Input/Output Terminals

- Rear IR remote sensor
- USB socket
- RS232 control port
- RGB signal output socket
- RGB (PC)/ component video (Y/Pb/Pr/ Y/Cb/Cr) signal input socket
- DVI-I signal input socket (without HDCP Support)
- Video socket
- S-Video socket
- Audio input socket
- Audio output socket
- Filter case
- AC power cord inlet
- Speaker



External Control Panel (Detail)

- Power indicator light
- Temperature warning light
- Lamp indicator light
- Power
- Mode: Application mode hot key
- Menu/ Back
- Left/ Keystone (Vertical)
- Blank
- Down/ Keystone (Horizontal -)
- Source
- Right/ Keystone (Vertical)
- Auto: Auto adjusting image
- Up/ Keystone (Horizontal +)
- Enter



Accessories (Optional)



The Technology of Colors
Link the Light and the Reality, then React the True Colors.

BenQ.com

Specifications

Model Name	MP770	Control Terminals	USB Connector: USB x1, Type mini B Serial Connector: RS232 8 pin MINI DIN
Panel	XGA LVDS DMD* x1	Dimension (LxWxH)	11.73 x 9.05 x 3.70 inch (298 x 230 x 94 mm)
Native Resolution	XGA (1024 x 768)	Weight	6.6 lbs (3 kg)
Projection System	DLP™ technology by Texas Instruments*	Power Supply	100 to 240 VAC, 50 to 60 Hz
Brightness	3200 ANSI lumens	Power Consumption	Max 320W
Lamp	220W, 3000/4000 hours (Normal/Economic mode)	On-Screen Display Language	English/ French/ German/ Italian/ Spanish / Russian Traditional Chinese/ Simplified Chinese/ Japanese/ Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese Thai/ Polish
Contrast Ratio	2000:1 (Full on/Full off)	Application Modes	PC Input <ul style="list-style-type: none"> Brightest Mode Presentation Mode sRGB/ Photo Mode Gaming Mode Video Mode
Audible Noise	31/28 dB (Normal/Economic mode)	A/V Input	• Movie Mode • Cinema mode • Gaming mode • Photo Mode
Computer Compatibility	VGA (640 x 350) to SXGA (1280 x 1024)	Functions	• Brilliant Color • 2D Keystone • Freeze • Blank • Auto Off • Quick Cooling • Off & Go • Security Password • Zoom • PIP • HDTV Compatible • MyScreen • "Mode" Hot Key • Intelligent dust filter
Image Size (Diagonal)	31" to 300"	Accessories (Standard)	• User's manual • Quick start guide • CD Manual • Remote control • Soft carry case • Batteries for R/C • VGA cable • USB cable • PWR Cord • PC audio cable • VGA-Component cable
Throw Ratio	60" @ 6.6 feet (60" @ 2m)		
Zoom Ratio	Manual zoom, 1.2:1		
Lens	F=2.6-2.77, f=20.4-23.5 mm		
Color	Full 1.07 billion color palette		
Aspect Ratio	4:3 Native, 16:9 selectable		
HDTV Compatibility	480i, 480p, 576i, 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 x1 (shared) DVI-I (Shared with wireless module)		
A/V	Component Video: D-sub 15 pin x1 (Shared) S-Video: Mini Din 4 pin x1 Composite Video: RCA x1		
Audio	PC audio: Mini jack x1 (Shared)		
Output Terminals	PC Analog RGB: D-sub 15 pin x1 Audio 2 Watt Speaker x1 Mini jack x1		

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

Projection Size

Distance (m)	1	1.5	2	2.5	3	5	6.5	10
4:3 aspect ratio, screen size (inch)	30	45	60	75	90	150	195	300
16:9 aspect ratio, screen size (inch)	27	41	55	70	82	137	179	275

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

* DVI-I signal input (without HDCP Support)

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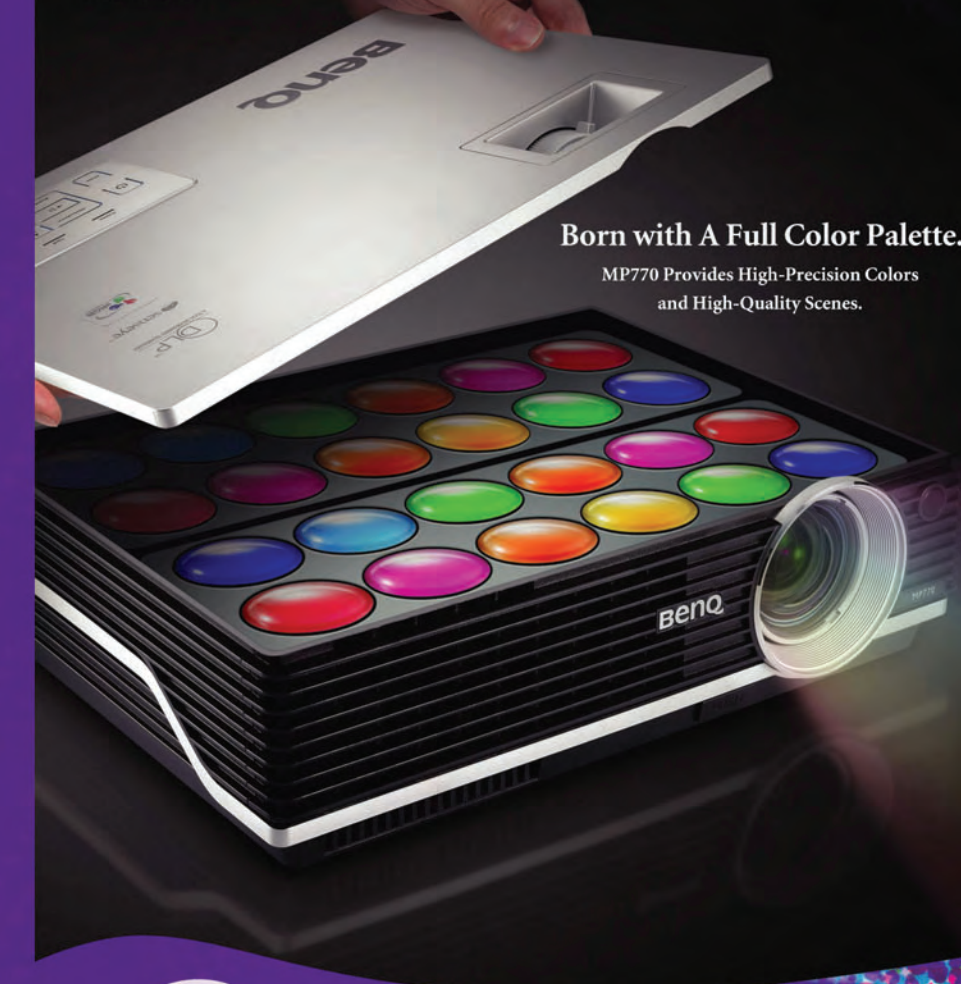


BenQ
Enjoyment Matters



DLP™ technology by Texas Instruments offers crystal clear images with superior quality.

senseye™
Human vision technology



Born with A Full Color Palette.
MP770 Provides High-Precision Colors
and High-Quality Scenes.



MP770 Digital Projector



BenQ
Enjoyment Matters

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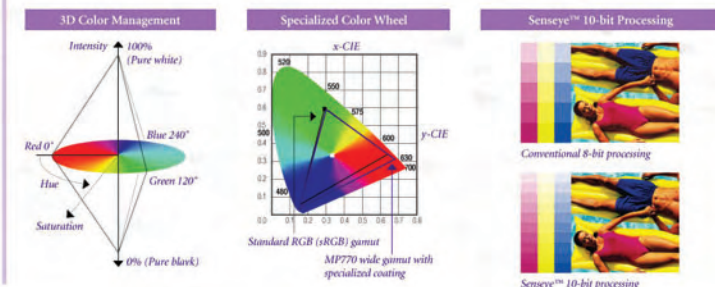
The Pioneer of True Color Projection.

Never before has a line of projectors offered such accurate color reproduction. Perfect for conference rooms and classrooms, the all-new BenQ MP770 digital projector comes equipped with BenQ's state-of-the-art Senseye™ color enhancement technology and BrilliantColor™ technology.

Vivid True-Color Reproduction

Senseye™ Color Enhancement

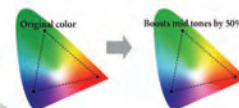
With its Senseye™ color enhancement technology, the BenQ MP770 is able to accurately render the subtlest of tints such as natural pastels and skin tones, while the **3D Color Management** corrects not only hue and saturation levels but also color intensity for realistic picture quality. **Specialized Color Wheel Coating** delivers better color saturation on Red and Blue than standard RGB (sRGB) without sacrificing green. Combined with **10-bit image processing**, which accurately renders over 1.07 billion colors, the MP770 can also adjust color layers for enhanced images and faithfully reproduced colors.



DDP3020 DLP Data Processor

With the newest DDP3020 DLP data processor from TI built inside, MP770 can provide the most vivid image to you. DDP3020 is the next generation DLP data processor component set to integrate all of the system image processing and adds the new BrilliantColor™ technology which provides significant enhancements to white segment processing and secondary color boost, substantially increasing mid-tone brightness.

BrilliantColor™ technology
BrilliantColor™ is a new, cutting-edge technology that enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely rendered colors.



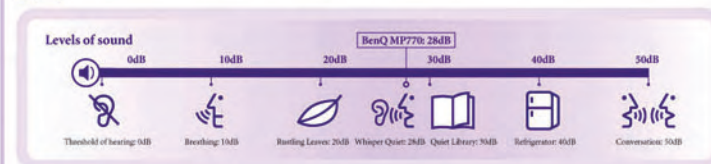
High Performance

High Brightness

3,200 ANSI Lumens
With 3,200 lumens to work with, you can use the BenQ MP770 effectively under virtually any lighting conditions. Not only can your audience enjoy superb picture quality, but you can spare them from annoying glare and the need to squint to make out what's on screen.

Whisper-quiet

28 dB
At only 28dB, the sound of BenQ MP770's operation never gets in the way of a presentation. Free from distractions of unwanted noise, your audience can focus on your presentation.



Thoughtful Designs

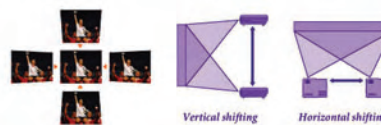
Digital Zoom

Need to zoom in on that hard to see part of the screen? Even if your software fails in this area, the BenQ MP770 offers 800% zoom, giving you complete control.



2D Keystone Correction

2D
Ever have trouble getting the projection image squared on the wall? This unique feature can compensate for image distortion up to ±40% vertically and ±20% horizontally—no matter where the projector is located.



Remote Control

The BenQ MP770's remote control exemplifies the ultimate in user-friendly design, with a hotkey layout that is congruent to the hotkey layout on the projector, for maximum ease of use. A handy laser pointer lets you highlight key points during your presentations or lectures.



MyScreen

MyScreen
This feature lets you easily set your own start-up screen to any images you like, whether a company logo or a favorite photograph (BMP, screen capture from MPEG video or JPEG) with just a press of an image capture button located in the remote control.

Application Modes

The BenQ MP770 is ideal for much more than presentations. Nine application modes provide instant optimized settings for brightness, color saturation, and contrast, ensuring the best performance for not only presentations, but also other applications such as movie viewing and gaming.

In addition, the MP770 also allows users to save two custom preference modes covering brightness, contrast, color saturation, hue, sharpness, white peak gamma, and color temperature, allowing you to quickly access personalized settings for your particular needs.

MP770 Preset Modes Comparison					
Input Signal	Application Mode	Application	Brightness	Color Saturation	Contrast
PC Signal Input	Brightest Mode	For viewing in brightly lit rooms	★★★★	★	★★★★
	Presentation Mode	Presentation	★★	★★★	★★★★
	Photo Mode	Viewing digital photos in a living room	★	★★★★	★★
	Gaming Mode	Playing PC games in a bright room	★★★★	★★	★★★★
Video Signal Input	Video Mode	Playing movies, video clips from camera or camcorders through PC input	★★	★★★★	★★
	Camera Mode	Viewing movies in a completely dark room	★	★★★★	★★★★
	Home Theater Mode	Viewing movies in a darkened room (curtains closed, but some residual light)	★	★★★★	★★★★
	Photo Mode	Makes photos more distinctive and sharper	★★★	★★★	★★★
	Gaming Mode	For video games	★★	★★★	★★★

Universally Designed Icons and User-Friendly Interface

It's comforting to know that you'll feel right at home with the BenQ MP770's icons. Like finding your way around your favorite gadget or appliance, the MP770's interface is both straightforward and easy to use—no matter what country you're from.



Front Ventilation

By routing air out the front, the BenQ MP770 spares your audience the annoyance of hot air blowing on them and light leaked from ventilation slots.



1. Side-exhaust Fans
BenQ's patented side-exhaust fans lower the internal ambient temperature allowing for efficient cooling, thus reducing fan RPM (revolutions per minute).

2. L-shaped inlet tunnels
To further reduce project acoustics, BenQ has adapted rose L-shaped inlet tunnels equipped with a sound dampening muffler and anti-vibration material in the Color Wheel holder.

Picture-In-Picture

PIP allows you to simultaneously display PC and video sources. (A video source within a PC source) You can combine live feeds, movies, presentations, and more. The possibilities are endless!



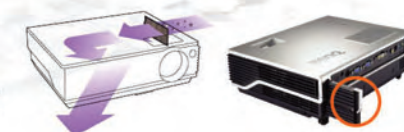
The Most Reliable Choice

Long Lamp Life

With 4,000 hours of lamp life*, typical users won't need to replace lamps for two years or more.

Extra-fine Dust Filter

Invisible dust particles can easily damage sensitive projector components, increasing maintenance costs. That's why BenQ has included a specially designed dust filter that traps even microscopic debris before it enters the inside of the projector.



Off & Go

The BenQ MP770 incorporates an advanced off & go feature that can cool off even when the projector is unplugged. This handy feature is possible because its unique design allows the MP770's cooling fan to continue operating even after it is unplugged. That means after you finish a presentation, there's no need to wait for the cooling process to complete before leaving the venue. The system also guards against damage from power outages while the projector is operating.



Quick Cooling

Cooling time itself has been reduced by over 60%, saving your time and minimizing the risk of heat damage to sensitive internal components.



Auto-off

When no data source is detected for a predetermined time, the BenQ MP770 will automatically shut down, saving power and lengthen lamp usage life.



Password Protection

The BenQ MP770 is equipped with a password protection feature that prevents unauthorized use by requiring that the correct password be entered before an input source is accepted.



High Altitude Mode

This mode allows the BenQ MP770 to be operated even under adverse conditions, such as high altitudes or high temperatures. In addition, its thermal design includes two autonomous cooling fans for the lamp and DMD™ chip to ensure optimum performance and maximum device life.

