Panasonic has considerable experience providing projectors and professional displays in education in various industries. We’re pleased to help you find the right solution for your needs. For more information about our One Stop Visual Solution >>

http://panasonic.net/avc/projector/one_stop

For more information, please visit

Projector Global Web Site
http://panasonic.net/avc/projector/
http://panasonic.net/avc/projector/casestudies/
http://panasonic.net/avc/projector/education/

Professional Display Global Web Site
http://panasonic.net/prodisplays/
http://panasonic.net/prodisplays/casestudies/

All information included here is valid as of August 2014.

Printed in Japan.
Beyond Communication, Inspiration

Education is about more than understanding. It’s about inspiration. It’s about getting students to discover their true potential. Firing imaginations takes real communicative power, and Panasonic’s projection and display solutions more than make the grade. Multi-media presentations leap off the screen in brilliantly vivid color. Contrast, brightness, clarity, and detail are nothing short of spectacular, even in bright conditions. And this high display performance is backed by the industry’s best technology to ensure your equipment never lets you down, particularly in the middle of a class or lecture. Simple to install, easy to operate, adaptable to any space, economical to maintain, and engineered for continuous operation in the toughest conditions, the arguments for Panasonic just add up.

Lecture Theaters (P.3–4)
No matter the size and shape of your space, our projectors adapt for big-screen imaging performance.

Auditoriums (P.3–4)
Demand the ultimate in high-brightness projection technology for large venues.

Small Classrooms (P.8)
Chalk and blackboard has its charm, but there’s no denying the astonishing potential of these network display solutions.

Standard Classrooms (P.7)
With less maintenance and improved picture quality, Panasonic projectors designed for use in standard classrooms perform better and cost less to run.

Specialized Classrooms (P.9)
Powerful features meet the industry-specific needs of educators in specialist fields.

Information Displays (P.10)
Panasonic makes some of the best dedicated display panels for communicating detailed information to large groups in public spaces.
High Brightness and Contrast
Compact UHM lamps in quad or dual configuration produce up to an incredible 20,000 lm*1 of brightness for outstandingly vivid picture quality and long-term reliability in the toughest conditions. Dynamic Iris uses a unique scene-linking aperture mechanism to achieve 10,000:1*2 contrast performance without sacrificing brightness.

*1 For PT-DZ21K series. *2 For PT-DZ21K/DZ16K/DZ13K/DZ870 series. PT-RZ670/RZ470/RZ370 series have the same or higher contrast.

Project Live Images with SDI Camera Connection
Selected Panasonic projectors feature an SDI input for projecting images captured by a connected video camera. Lectures can be recorded and projected on a giant screen in real time, ensuring that every audience member gets a clear and unimpeded view of the presenter.

Quad- and Dual-Lamp Systems for Reliability
Our quad- and dual-lamp technology makes continuous 24-hour projection in big venues possible. Should a lamp burn out or fail, the projector seamlessly switches to a backup lamp without interruption. Lamp relay mode further extends operational life and enhances reliability.

Auditoriums
Related Models
Projectors: PT-DZ21K Series, PT-DZ16K Series, PT-DZ13K Series, PT-DZ870, PT-RZ670, PT-RZ470, PT-RZ370

For the Ultimate in Brightness, Picture Quality, and Reliability
Professional presentations in large venues demand the most powerful projection technology, and that is where we shine. Superior design and construction coalesce into a range of high-brightness projectors that promise stunning high-definition pictures and exceptional reliability.

Detail Clarity Processor Reproduces Lifelike Textures
This unique Panasonic circuit technology optimizes the sharpness of each image based on super-high to low-frequency information extracted from individual frames. Images are rendered in amazingly clear, lifelike detail.

Conventional projector
Detail Clarity Processor 3 is included on PT-DZ21K/DZ16K/DZ13K/DZ870/RZ670/DZ570/FW430 projector series.

Detail Clarity Processor is included on PT-DZ770/DZ680 projector series.

Multi-Screen Support with Geometric Adjustment and Brightness Control
Features such as 360-degree rotation, Multi-Unit Brightness Control, and a Multi-Screen Support System for edge blending and color matching combine for outstanding projector control flexibility. And with geometric adjustment capability, the display possibilities are endless.

Related Models
Projectors: PT-DZ21K and DZ13K Series, PT-DZ16K, EX16K, and EX12K Projectors

OCEANIA
PT-EZ770 Series  LCD Projectors
Images are simulated.

Video
DIGITAL LINK
HDCP compliant
DIGITAL LINK Compatible
Equipment
ET-YFB 100G (Optional)
OR
CAT5e (STP)
cable or higher
Up to 100 m (328 ft)
with a single cable
DIGITAL LINK-ready
projector or display

Audio
Control
Signals

Digital Interface Box
DIGITAL LINK featured on PT-DZ870/RZ670/EZ770/EZ580/RZ470/RZ370/VZ570 projector series and
LFB70/LFC70/LFV70/LF60/LF6 display series.
Versatile, Cost-Effective Installation with DIGITAL LINK
DIGITAL LINK transmits uncompressed Full HD video, audio, and control commands
through a single CAT5e (STP) cable or better for up to 100 m (328 ft). Connect all your source devices to an optional ...
and use just one cable to link your display or projector. This simplifies installation and saves on cabling costs.

* Straight and shielded.

Dual-display capability featured on LFB70 and LFC70 display series.
Connect a Second Display
Use a VGA cable to mirror HD content on a second display or projector—even notes added to documents, images, or video during your presentation. Dual-display capability makes the LFB70 and LFC70 series ideal for larger venues.

Lecture Theaters

Superb Imaging Performance and Installation Flexibility
For students to absorb complex information, lecturers need the right communication tools. Panasonic projectors combine large, bright, and clear picture quality with wide installation flexibility for optimal visibility in mid-sized theaters.

Improved Color Reproduction
With RGB Booster, colors come alive on the screen. By combining proprietary Vivid Color enhancement technology with our Lamp Modulation Drive System, Panasonic 1-Chip DLP™ projectors deliver extraordinarily bright and punchy color performance.

New Laser Optical Engine Provides Superb Performance
The latest addition to our SOLID SHINE lineup, the PT-RZ670 Series features an all-new laser optical engine that combines superior color reproduction and incredible durability under the toughest operating conditions.

Flexible Installation with a Wide Range of Optional Lenses
A big selection of optional lenses is available, including short-throw, long-throw zoom, and fixed-throw lens providing easy adaptability in rooms of any size and shape, with all lenses attaching and detaching with one-touch ease.

Related Models
Projector: PT-DZ870, RZ670, DZ770, DZ680, EZ770, and EZ580 Series
Display: LFB70 and LFC70 Series

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Related Models
Projector: PT-DZ870, RZ670, DZ770, DZ680, EZ770, and EZ580 Series
Display: LFB70 and LFC70 Series

Related Models
Projector: PT-DZ870, RZ670, DZ770, DZ680, EZ770, and EZ580 Series
Display: LFB70 and LFC70 Series
Write, Save, and Share

LFB70 Series displays allow you to write and draw just as you do with an ink marker—but unlike a regular whiteboard, you can save pages of work to an internal disk, external USB memory, and even email them directly from the screen. Navigating through your presentation is easy using familiar touchscreen gestures.

Miracast™ for Instant Wireless Sharing

Transmit documents, Full HD video, images, and audio from compatible (Windows® and macOS®) devices to our network-enabled displays. You can:

- Download free apps for iOS and Android devices and wirelessly transmit a wide range of media quickly and easily
- Transfer data from the screen of your PC or laptop via wireless LAN using Wireless Manager ME...
- To 16 computers in split-screen mode
- Plug our Easy Wireless Stick into your PC's USB port and project a wide variety of content—no app installation required.

Related Models
Projector: PT-VZ570 and VW340 Series
Display: LFB70, LFC70, and LFE7 Series

Time to Teach, without the Stress

Teachers want to hit the ground running when the bell rings, not be held up by equipment failure. You can depend on Panasonic projectors for bright and vivid pictures year after year, with less hassle, expense, and downtime for maintenance.

Standard Classrooms

Related Models
Projector: PT-EZ580, RZ470, RZ370, DZ570, FW430, and VZ570 Series

Small Classrooms

A Creative Way to Communicate

Panasonic professional displays can make class time collaborative, engaging, and getting results easy. From a creative small needs artFilled capabilities to enhance collaborative functionality, these powerful tools let you get the job done smarter, faster, and more effectively.

Long-Life Eco Filter and Dust-Resistant Design

Eco Filter efficiently captures dust and requires no replacement for very long periods, and you can also wash and reuse the filter once. Extensive optical shielding and improved sealing keeps the air inside the projector clean for longer, minimizing brightness degradation over time.

Panasonic Wireless Solution with Multi-Screen Functions

Share and collaborate wirelessly from iOS and Android devices, as well as from Windows® and Mac computers, on our network-enabled displays. You can:

- Download free apps for iOS and Android devices and wirelessly transmit a wide range of media quickly and easily
- Transfer data from the screen of your PC or laptop via wireless LAN using Wireless Manager ME...
- To 16 computers in split-screen mode
- Plug our Easy Wireless Stick into your PC's USB port and project a wide variety of content—no app installation required.

Related Models
Projector: PT-VZ570 and VW340 Series
Display: LFB70, LFC70, and LFE7 Series
Specialized Classrooms

Features to Suit Your Field of Study

Specialized fields of study—such as medicine, engineering, or design—call for specialized equipment. Panasonic responds with a suite of industry-specific features to meet the needs of educators.

Information Displays

Dedicated Displays Built for Life in Public Places

Clearly communicating information to large groups of people in shared spaces within your academic institution—even in faculty rooms—has never been easier with our range of dedicated display panels.

Related Models

Display: LFV70, LFV50, LFV5, LF50, LF60, LF6, and LFE7 Series

DICOM Simulation Mode for Medical Training and Lectures

Finely detailed high-contrast grayscale images such as x-rays are accurately rendered in DICOM Mode, which lends projected images a film-like quality. This makes compatible models ideal for use by professionals for medical training, or for any big-screen presentation that requires high-precision grayscale projection.

Rec. 709 Mode for Optimal HDTV-Specified Color

Industry standard color calibration is achieved by selecting Rec. 709 Mode (compliant with ITU-R Recommendation BT.709), which fine-tunes the color gamut and other video specifications used in HDTV and digital cameras for balanced and accurate color visualization.

Space-Saving Projection Solutions to Meet Unique Installation Requirements

Panasonic’s ET-DLE030 ultra-short-throw lens enables a 100-inch-screen projection from as little as 0.82 m (2.7 ft)*. It’s an effective solution to the problems associated with installation in tight spaces.

* For the PT-DZ870. The distance measures from the mirror surface to the screen.

Active 3D Projection Capability

Both active and passive 3D projection is available on models within the Panasonic range with either a separate external 100/120/144 Hz drive, an IR emitter, and active shutter glasses for sharp 3D images. Bright, clear, and comfortable 3D projection is necessary for virtual reality applications.

Flexible Screen Orientation

Selected displays can be installed horizontally or vertically to match specific content without being adversely affected. This also helps cut back on heat dissipation, because the cooling system is not aimed at creating excessive images without any visible color differences from panel to panel.

Flexible Screen Orientation

Ultra-Narrow Bezel Design

Panasonic’s DFW430 Series, for example, is ideal for installations in retail environments where a seamless bezel is a must. Ultra-narrow bezels and advanced technologies result in a bezel to bezel distance of just 3.5mm (0.14") on TH-55LFV70.

Ultra-narrow bezels are one of the hallmarks of the LFV Series Video Wall Displays.

DICOM Simulation Mode featured on all projector series except PT-EX16K/EX12K/FW430/VZ570/VW345N.

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**Projector Highlights**

**High Image Quality and Beautiful Pictures**
- High brightness and contrast for vibrant images.
- Superior color reproduction with LED/Laser light source.
- Optional third lamp for extended use.

**Flexible Installation and Picture Correction**
- Keystone correction for horizontal, vertical, and corner adjustments.
- Anti-glare surface ensures clarity in bright environments.

**High Reliability and Lower TCO**
- Intelligent Lamp Control for up to 58% power savings.
- Advanced cooling systems for prolonged lamp life.
- Optional liquid or heat pipe cooling for quiet operation.

**Ecologically Responsible Design**
- Use of LED backlight reduces energy consumption.
- Optional anti-glare technology enhances visibility.

**Display Highlights**

**Beautiful Pictures and Stylish Designs**
- Bright and edge-light LED backlight system for enhanced color accuracy.
- ECO Mode for energy efficiency.

**Communicate Creatively in Any Space**
- Touch Control feature for intuitive and interactive presentations.
- Enhanced wireless capabilities for seamless integration.

**Greater Reliability and Lower Running Costs**
- Enhanced lamp efficiency and longevity.
- Early Warning Software for proactive maintenance.

**Shared Features**
- Seamless Network Integration and Usability
- Early Warning Software for predictive maintenance.
- DIGITAL LINK for simplified installation.

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**Seamless Network Integration and Usability**
- DIGITAL LINK feature on selected models.
- Bidirectional communication for enhanced performance.

**Early Warning Software**
- Monitors devices for proactive maintenance.
- Assistance with timely ordering of consumable parts.

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**Ecologically Responsible Design and Construction**
- Optimal picture quality and lower power consumption.
- Environmentally friendly design.

**Design and Construction**
- Horizontal, vertical, and corner keystone correction.
- Direct-lit and edge-light LED backlight system.

---

**Easy Multi-Source Viewing with Side-by-Side and P-in-P Modes**
- Support for many of our projectors and professional displays.
- No need to purchase additional equipment.

**Streamline Your Workflow**
- Early Warning Software monitors devices for proactive maintenance.
- Reduces downtime and increases efficiency.

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**Dependable Operation, Day and Night**
- Dependable operation with long lamp life.
- Liquid or heat pipe cooling for enhanced reliability.

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**Lower TCO**
- Maintenance-free operation for more than 20,000 hours.
- Cost-effective solution for extended use.

---

**Optimal Picture Quality and Lower Power Consumption**
- Intelligent Lamp Control for power savings of up to 58%.
- Lamp efficiency and longevity.

---

**Integration and Usability**
- Easy plug-and-play support.
- Support for a wide range of resolutions.
- Seamless integration with other devices.

---

**Play content directly from USB**
- Direct USB input for immediate access.
- No need for additional equipment.

---

**Horizontal ARC and Side-by-Side**
- Optional third lamp for extended use.
- Advanced cooling systems for prolonged lamp life.

---

**Optional anti-glare technology enhances visibility.**
- Optional liquid or heat pipe cooling for quiet operation.

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**Direct-lit and edge-light LED backlight system**
- Optimal picture quality and lower power consumption.
- Environmentally friendly design.

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