COLOR YOUR BUSINESS
Successful business come in many shapes and sizes, but one thing they share is great communication. Whether you’re planning a major in-store promotion, staging a conference, or looking for a videoconferencing display for your company, Panasonic has a class-leading product to suit. We’ve harnessed the world’s best technology in every category to boost imaging performance while using far less energy. We’ve cut the wires and made it quicker and easier to share almost any media on the big screen. Flexibility and usability are simply the best they’ve ever been. From the largest convention centers to the smallest meeting rooms, nothing can match us for dramatic visual impact, low cost of ownership, or pure versatility. With a Panasonic display solution, people take notice.
“Videowalls pull traffic into stores and turn interest into sales.”

Our selection of videowall displays is designed for seamless high-impact performance in bright environments. Craft a dynamic business image or use for in-store promotions, advertising, and sales.

**LFV5/LFV50 Series Displays**

- Factory pre-calibration minimizes color differences between displays in multi-screen installations
- IPS panel for wide viewing angles
- Anti-Glare (AG) coating to ensure clear visibility in bright conditions (LFV5)
- Anti-Reflection (AR) coating preserves high brightness while minimizing reflections (LFV50)

**Anti-Glare Coating**

Light from the sun and from interior illumination is scattered (rather than reflected) from the screen, virtually eliminating glare and ensuring clear visibility from a wide range of angles. This feature is available on the LFV5 Series.

**Super Narrow Bezel Design**

The super narrow bezel makes the LFV Series ideal for videowalls, reducing screen-to-screen distance to a near-seamless 4.9 mm.*

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**Retail Installations**

Place:
Retail outlets, shopping malls, bars, dining, public areas

Related Models:
PT-DZ770 Series, PT-DZ680 Series, LF50 Series, LF60 Series

* 55-inch models have a screen-to-screen distance of 5.3 mm (0.21").
Installation Simplicity and Versatility
The PT-DZ870 Series features DIGITAL LINK, a single-cable connection based on HDBaseT™ technology that routes HD video, audio, and control commands for up to 100 m (328 ft). Combined with Art-Net compatibility, multi-screen support, and a fully powered optical unit, installation flexibility is unparalleled. DIGITAL LINK is also supported on the LF50/LF60 Series.

“We love the flexibility of our Panasonic projectors. They’re easier to set up in any space.”
Press events, corporate parties, weddings, or exhibitions — whatever the occasion and in spaces big or small, there’s a Panasonic display solution with performance and features to exceed the highest professional standards.

LF50/LF60 Series Displays
• Large-format Full HD displays are designed for continual 24/7 operation
• Features DIGITAL LINK and SLOT2.0 expandability

PT-DZ870 Series Projectors
• Brings flagship performance to 1-Chip DLP™ projection, with up to 10,000 lm in XGA (8,500 lm in WUXGA)
• Dual-lamp design for continuous 24/7 projection and extended maintenance
• Project images onto the floor with ET-DLE030 ultra-short-throw lens

Related Models:
PT-DZ770 Series, PT-DZ680 Series, LF6 Series

Events & Entertainment
Place:
Museums, exhibition spaces, digital signage, live performances, corporate events, private parties

1F
“We can create any atmosphere we like depending on the time of day and the clientele we’re serving.”

Calming landscape slideshows in the morning, cable news and sports for the lunch rush, a Blu-ray jazz performance at happy hour — a discretely positioned projector in your café, diner, or restaurant bar can transform the atmosphere of your establishment according to the situation.

**2F**

**Dining, Hospitality, & Nightlife**

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**PT-RZ470 Series**

- 1-Chip DLP™ technology delivers spectacular Full HD images with 3,500 lm and an incredible 20,000:1 contrast ratio
- Laser/LED design maintains image quality much longer than conventional lamp projectors

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**LF6 Series Displays**

- Standard LCD display delivers 450 cd/m² of brightness
- IPS E-LED panel for wider viewing angles and greater efficiency

**PT-RZ470 Series Projectors**

- 1-Chip DLP™ technology delivers spectacular Full HD images with 3,500 lm and an incredible 20,000:1 contrast ratio
- Laser/LED design maintains image quality much longer than conventional lamp projectors

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**SOLID SHINE for Economical 24/7 Operation**

Combined laser/LED projectors promise up to 20,000* hours of continuous operation (or the equivalent of 2.3 years of constant running) while retaining original image quality longer. Lampless low-maintenance design can also be switched on and off without need for warm-up or cool-down periods.

*Usage environment affects filter life duration.

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**Related Models:**

- PT-DZ770 Series, PT-DZ680 Series
- LF50 Series, LF60 Series, LFE Series

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**Place:**

Cafés, diners, restaurants, bars, nightclubs

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**Images are simulated.**
“Since we added the new displays, membership’s gone up. First impressions are important.”

Creating a professional impression is crucial for attracting and retaining clients. The wide viewing angles offered by the bright IPS panel makes these displays ideal for entertainment, instruction, or signage in community centers, recreational facilities, and public spaces.

**LF60 Series Displays**
- Stylish LED displays are bright yet economical with Full HD resolution
- Certified for 24/7 continuous use and include DIGITAL LINK connection

**PT-DZ770 Series Projectors**
- 1-Chip DLP™ Series serves up brilliantly vivid WUXGA images
- Reusable Eco Filter extends maintenance to 12,000 hours*

* Usage environment affects filter life duration.

**Place:**
Community centers, sports and recreational facilities, healthcare offices, government, digital signage in public spaces

**Related Models:**
PT-DZ570 Series, LFE Series, LFV Series, LF50 Series
"The whiteboard and conferencing features have revolutionized our company communications."

Our LED Multi-touch displays promote an efficient workflow in the office. Quick-Start Whiteboard Software and wireless capabilities make group presentations and the modification of documents simple. The Multi-touch range is complemented by powerful network-enabled portable projectors.

LFB70 Series Displays
- Inbuilt whiteboard, Miracast, iOS apps, and Whiteboard Software for PC
- Playback of HD video from USB memory devices

PT-VW345N Series Projectors
- Portable projectors output up to 4,200 lm in XGA* (3,700 lm in WXGA)
- Features Miracast wireless sharing, 1.6x*2 zoom, easy setup and operation
  * PT-VX42 features 4,000 lm.  * PT-VX42 features 1.2x zoom.

Write, Save, and Share
With the LFB70 Series, you can write and draw just like you do with an ink marker—but unlike a regular whiteboard, you can save your pages to internal disk, external USB memory, or email them directly from the display. Navigating through your multimedia presentation is easy using familiar touchscreen gestures.

Images are simulated.

LFB70 Series [80”/65”/50”]
Multi-touch Screen LED Displays

PT-VW345N Series
LCD Projectors

Office & Meeting Rooms

Place:
Offices, meeting rooms, conference centers, boardroom

Related Models:
LFC70 Series, PT-VW435N Series, PT-VW330 Series, PT-LW25H Series, PT-CW331 Series
“When it comes to projection for big events, nothing makes an impact like Panasonic.”

For conferences, seminars, live shows, and major installations, Panasonic’s 3-Chip DLP™ projectors are unrivalled for brightness, color, and clarity. Supported by LFC70 Series displays, you can now take integrated visual communication to a whole new level.

LFC70 Series Displays
- Built-in wireless function, DIGITAL LINK, and secondary display capability
- Compatible with a variety of automation systems, SLOT2.0 versatility

PT-DZ16K Series Projectors
- Outputs 16,000 lm at Full HD with high 10,000:1 contrast ratio
- Quad-lamp system extends maintenance, improves reliability, and lowers running costs

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 for projection onto spherical or cylindrical-shaped surfaces, the display possibilities are endless.

Images are simulated.
“Panasonic met all our hotel’s requirements and still came out on top for picture quality and style.”

Panasonic offers a wide range of display solutions for use in the hospitality industry. As well as delivering exceptionally high image quality, our projectors and LED displays are more efficient for lower TCO, and are ideally suited to large conference rooms, lobbies, and reception lounges.

LFE Series Displays
- Slim and stylish design looks fantastic in almost any interior
- Bright and punchy images delivered with high energy-efficiency
- Control via LAN and RS-232C

PT-EZ770 Series Projectors
- DIGITAL LINK, powered zoom, and powered lens shift for greater flexibility
- Outputs up to 6,500 lm in WUXGA with high 5,000:1 contrast ratio

Efficient E-LED Backlight in a Thin, Lightweight Design
The LED backlight on the LFE Series provides beautiful Full HD picture quality and much lower power consumption. Edge-lit LCD panels require fewer LED units, which increases efficiency, reduces weight, and allows for a thinner profile.
In the Fashion Industry
The lines between fashion and technology blur as leading boutiques embrace Panasonic projection to create a stimulating atmosphere for their customers. From SoHo to Harajuku, bright ideas are becoming brilliant reality.

Movie Theater Foyers
Our stylish displays blend into the most sophisticated environments, and are particularly popular in cinemas. Our displays are commonly used to show movie information, start times, and film trailers in foyers and lobbies.

Sports Bars and Nightclubs
Slim, good looking, and talented at reproducing fast-paced action, Panasonic displays are made for sports bars. Assisted by wide viewing angles, our screens guarantee that all patrons get a beautiful view of the game.

Ceremonies and Receptions
We help couples create a magical atmosphere during their wedding ceremony with interactive projection on floors, walls, and ceiling. Industry professionals trust Panasonic to make reception presentations truly memorable.

Hospitality and Tourism
Panasonic displays rescue any interior lacking visual interest, from hotels to subterranean nightspots. Our spectacular videowalls are used in the main nightclub venue aboard one of the world’s biggest cruiseliners.

Seminar and Conference Rooms
Clear communication deepens understanding. Our display products are tough, low-maintenance, and easy to remotely operate. Thanks to flexible installation, they can be set up in custom configurations.

Bowling and Recreation
Our display technology is a perfect match for creative minds. For example, clever bowling center owners are installing multiple Panasonic displays to create a visually spectacular centerpiece above the lanes.

Ceremonies and Receptions
First impressions last, and making a good one counts for a lot. Here, a combination of glasswork and beautifully bright Panasonic projection creates a feeling of technological advancement in this factory reception area.

Company Reception Areas
The reception area of offices, businesses, and corporations provides an opportunity to communicate corporate identity to visiting clients. Flexible connectivity allows for a range of media to be played from a wide variety of source devices.

Corporate Entrance Halls
First impressions last, and making a good one counts for a lot. Here, a combination of glasswork and beautifully bright Panasonic projection creates a feeling of technological advancement in this factory reception area.

Hospitality and Tourism
Panasonic displays rescue any interior lacking visual interest, from hotels to subterranean nightspots. Our spectacular videowalls are used in the main nightclub venue aboard one of the world’s biggest cruiseliners.

Indoor and Outdoor Digital Signage
As information boards at terminals, train stations, and airports, or for general advertising, Panasonic signage solutions deliver greater reliability and lower running costs day-in, day-out—even in extreme climates.

Office Meeting Spaces
Panasonic Multi-touch displays smooth the path to effective communication in the office. The ability to modify and share documents right on screen leads to greater creativity and higher efficiency.

Data Monitoring Facilities
The detailed resolution of our display devices has convinced many data-analysis organisations to choose Panasonic. Complex information such as maps, surveillance footage, and monitoring information is clearly displayed.

For Factory Process Control
Large, detailed panels help quality-control staff to accurately monitor production processes in factories and industrial facilities. Our proven designs ensure less downtime and greater reliability under continuous 24-hour operation.

Engineering and Architecture
With extremely detailed resolution, realistic color reproduction, and high contrast performance, Panasonic displays are ideal for use by technical professionals involved in fields such as engineering, architecture, and design.

Installation Examples
**Projector Highlights**

**Simply Brilliant Pictures in Bright Spaces**

**Superior Color Reproduction**

Our SOLID SHINE PT-RZ470 Series combines an LED and laser light source to reproduce colors accurately over a wider color space than is possible with conventional projector lamps. Colors burst on screen with natural vibrancy, even in bright environments.

**Flexible Installation and Integration**

**Geometric Adjustment**

Project images onto cylinders, spheres, and other curved surfaces. Models suited to large venues feature an upgradable Geometric Adjustment system offering 4-Corner Adjust and Keep Aspect Ratio On/Off functions for simple or fine adjustment.

**Flexible 360° Installation with Portrait Mode Capability**

With 360° vertical lifting capability (allowing the lens to shoot straight down at the floor, for example), your installation options are almost limitless. Selected projectors can also be installed in portrait mode to create a fresh visual effect in public spaces, retail environments, showrooms, and museums. A variety of optional mounts and lenses are available to make your vision a reality.

**High Reliability and Lower TCO**

**Designed for Ultimate Reliability**

Our quad- and dual-lamp systems allow continual maintenance periods and enhanced reliability of our LCD models mean much lower running costs in the long term.

**Combined LED/Laser Light Source Designed for Continuous 24/7 Operation**

Combined LED/laser illumination technology in our SOLID SHINE PT-RZ470 Series projectors deliver up to 20,000 hours of continuous maintenance-free operation with crisp and vibrant picture quality. A qualified for light source replacement. The maintenance period may be shortened due to environmental conditions.

**Dust-Resistant Cabinet and Long-Life Filter**

Panasonic projectors offer superior resistance to the effects of dust, extending maintenance out to 12,000 hours* for Eco Filter replacement on select models. Improved optical shielding and sealing keep the projector free of dust and running clean and bright for longer periods.

**More Interactive Communication**

**Multi-Live Mode**

Wireless Manager ME software and our Easy Wireless Stick (a USB dongle for very quick and easy wireless projection from PC) is supported by our PT-VX445N Series. Multi-Live Mode enables simultaneous projection and display from up to 16 PCs in a variety of split-screen configurations.

**Display Highs**

**Beautiful Stylish Design**

**Slim, Sleek, and Black**

Narrow bezels and touch of sophistication make these bezels a design for large-format image visual effect in public spaces, retail environments, showrooms, and museums.

**IPS Panel for Clean and Bright**

High-resolution IPS panel delivers maximum brightness and performance. Combining this with our beautiful pictures results in a viewing experience that coalesces in our professional display design, imaging, and E-LED LCD system.

**Draw and Write on Projected Images**

Selected models support an Interactive Pen/Pointer, allowing users to write and draw on projected images and save the results to PC. This useful presentation tool deepens audience understanding and makes sharing information simple.

**Draw and Write on Projected Images**

Interactive functionality included on PT-CW331R/TW331R Series.
Display Highlights

Beautiful Pictures and Stylish Designs

High Brightness and Contrast
Display design, imaging performance, and usability coalesce in our professional flat-panel displays. High brightness and contrast from both our standard LCD and E-LED LCD panels ensure punchy images in bright conditions.

Communicate Creatively in Your Workplace
Streamline Your Workflow
LFB Series displays boast Quick-Start Whiteboard technology to let you start work immediately. Both the LFB and LFC series let you share content wirelessly via Miracast and Wireless Manager ME software. Used for presentations, video/web conferencing, or for quickly capturing ideas, these displays reduce the time and effort needed to achieve great results.

Flexible Installation and System Integration
Cut Cable Costs with DIGITAL LINK
Our professional displays are easier and cheaper to install. Selected models feature DIGITAL LINK (based on HDBaseT™ technology) for single-cable connection, and are widely compatible with leading automation systems.

Greater Reliability and Lower Running Costs
Dependable Operation, Day and Night
Professional displays such as the LF indoor and LFV videowall series are engineered for continuous 24/7 operation. ECO Mode and auto brightness sensors ensure exceptional efficiency while maintaining beautiful picture quality.

Dust, Water, and Impact Resistance
With IP-55 certification for dust- and water-resistance, tempered glass for impact resistance, and a forced-air-cooling system, our LFX60 outdoor series are built for ultimate reliability in extreme temperatures.

Toughened Glass Screens
Professional or commercial use means greater risk of accidental damage. Our displays are very well protected by specially toughened, impact- and scratch-resistant glass.

Communicate Creatively in Your Workplace

Slim, Sleek, and Modern
Narrow bezels and clean, contemporary lines add a touch of sophistication to any interior. Our LFB series features a bezel width of just 9 mm for seamless large-format image display.

Simple Touch Control
Our LFB Series lets you navigate smoothly through your presentation using familiar touchscreen gestures without need of a remote control. You can also very accurately write, draw, and notate with your finger or stylus pen and save your work as an image file for later distribution.

IPS Panel for Wide Viewing Angles
High-resolution IPS panel technology is designed for maximum brilliance, detail, and off-axis viewing performance. Combined with LED backlight technology, beautiful pictures now require less power.

Play Instantly from USB
Convenient plug-and-play support for a wide range of media stored on USB memory devices is offered on our LFB and LFC series. Start your presentation instantly without need of a connected PC.

Connect a Second Display
Both the LFB and LFC Series support the mirroring of HD content on a second display or projector—even notes added to media during a presentation. This dual-display capability adds to the installation flexibility in larger venues.

IPS Panel for Wide Viewing Angles

Direct LED system featured on LFB and LFV Series (excluding LFX6).
LED edge-light system included on LF, LFB, LFC, and LFE Series (excluding LF6).
IPS panel is available on LF, LFX, and LFV Series (except LF50).
DIGITAL LINK is featured on LFB, LFC, LF50, and LFX Series.

Dust, Water, and Impact Resistance
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**Projector Lineup**

### Large Venue
- **PT-DZ21K Series**
  - 17,000 lm WXGA
  - XGA to SXGA+
- **PT-DZ16K Series**
  - 16,000 lm Full HD
  - WXGA to SXGA+
- **PT-DZ13K Series**
  - 10,000 lm WXGA
  - WXGA to WUXGA
- **PT-DZ870 Series**
  - 8,000 lm WXGA
  - WXGA to WUXGA
- **PT-DZ770 Series**
  - 7,000 lm WXGA
  - WXGA to 8,200 lm WUXGA
- **PT-DZ880 Series**
  - 6,000 lm WXGA
  - WXGA to WUXGA

### Installation
- **PT-RZ470 Series**
  - 5,000 lm Full HD
  - XGA to WXGA
- **PT-DZ570 Series**
  - 4,300 lm WXGA
  - WXGA to WUXGA
- **PT-EZ770 Series**
  - 4,000 lm WXGA
  - 4,500 lm WUXGA
- **PT-EZ570 Series**
  - 3,700 lm XGA
  - XGA to WXGA

### Short Throw
- **PT-CW331R Series**
  - 2,700 lm WXGA
  - WXGA to WXGA
- **PT-TW331R Series**
  - 3,100 lm WXGA

### Portable
- **PT-VW440 Series**
  - 3,700 lm WXGA
  - WXGA to WXGA
- **PT-VW345N Series**
  - 3,700 lm WXGA
  - WXGA to WXGA
- **PT-LW321 Series**
  - 3,000 lm WXGA

### Display Liner

**LFB Series**
- Multi-Touch Screen
  - TH-800 Series
  - 80 Anti-Glare

**LFC Series**
- Network
  - TH-300 Series
  - 300 Anti-Glare

**LFE Series**
- Standard
  - TH-650 Series
  - 65 Anti-Glare

**LFX Series**
- Outdoor
  - TH-470 Series
  - 47 Outdoor

*Specifications and appearances are trademarks or trademarks of and other countries. All other*
### Display Lineup

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<thead>
<tr>
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For more information, please visit
Projector Global Web Site: http://panasonic.net/avc/projector/
http://panasonic.net/avc/projector/casestudies/
Flat Panel Global Web Site: http://panasonic.net/prodisplays/
http://panasonic.net/prodisplays/casestudies/

All information included here is valid as of March 2014.