## Panasonic

## Professional LCD Displays for Digital Signage <br> 42-inch / 47-inch



Panasonic ideas for life



## High-Brightness LCD Displays Make Their Debut - Ideal for Wide Open Spaces.

Large-screen LCD displays designed especially for digital signage use
transmit information with sharp, clear images, in open spaces such as airports,
commercial facilities, cafes and restaurants.

1 High
Brightness
These LCDs have a high brightness of $700 \mathrm{~cd} / \mathrm{m}^{2}$. And they feature an IPS panel with full-HD resolution and a wide-viewing angle. They display clear images even in bright locations, and transmit information accurately.

Slim Design, Light Weight Their stylish designs catch people's attention, making them deal for digital signage applications. They are also among the industry's leaders in ultra lightweight LCD displays.

Designed for Professional Use

The fanless design reduces the entry of dust during operation. Both the vertical installation and VESA standard compatibility enable a wider range of installation possibilities.


These Bright, Professional LCD Displays Mean Business!

## > Tough Panel for Signage Use

This rugged liquid crystal display panel strongly resists afterimages and soiling to
provide the long-time display provide the long-time display
durability that is essential for signage use.

> Wide Viewing Angle for Sharper Images
The IPS panel has a wide viewing angle, so colors don change when the image is viewed from right or left angles. relayed to groups of people in large areas, like public spaces

> Flexible, Vertical Installation
The display can be installed either horizontally or vertically to match the content and installation location without being affected by "Mura" (unevenness). This is because the display has relatively uniform pressure
distribution as compared to distribution as compared to a TV panel, which results in far better stability. Regardless of the installation direction, the lamp life stays the same since a constant operating temperature is maintained.

>> Dust-Resistant, Fanless Design
While raising heat dissipation efficiency, the unique Panasonic fanless design resists dust entry and lowers operating noise. Dust particles are not sucked inside, so the display can be installed just about anywhere.

## > Built-in Speakers

10-watt ( $5 w+5 w$ ) speakers are built-in to the left and right sides of the rear panel. This eliminates the need to attach external speakers when sound is required, for quick and
installation. $\qquad$
> A Slim 4.0 inches ( 101 mm ) Panel Thickness and 0.7 inch ( 18 mm ) Bezel
A simple design with a slim bezel of approximately 0.7 inch ( 18 mm ) and thickness of only 4.0 inches ( 101 mm ) facilitates signage applications by enabling installation just about anywhere. In fact, with the thinnest part measuring only 2.0 inches ( 52 mm ), the display looks even slimmer than it is. This prevents it from appearing large and oppressive when suspended from the ceiling. The slim beze also enhances this thin appearance and improves image visibility.


In this stylish design, the thinn
parti is only 2.0 inches $(52 \mathrm{~mm})$.
Thickest part is
4. incheses (101 mm)
4.0 inches ( 101 mm ).
As viewed from above

As viewed from above
$\xlongequal[\text { Front }]{\text { = }}$

## >> ECO Mode

In order to lower power consumption, a sensor detects the ambient lighting and automatically adjusts the backlight brightness to match the viewing environment. Power consump ion can also be reduced by lowering the screen brightness.

## >Energy-Saving

Power Management: Power is automatically turned on or off in response to a sync signal from the equipment connected to the built-in $\mathrm{PC}^{*}$ input terminal
I Auto Power Off: When you're using a device connected to the terminals, the display panel goes into standby mode after
about 10 minutes if no sync signal is received.
I Standby Power Save Mode: Reduces power consumption when on standby
DPMS compliant

## > Tamper-Resistant Settings

You can prevent operating errors in public places by making tamper-resistant settings in advance
| Maximum Volume Level: Sets the maximum sound volume. | Button Lock: Restricts the button operations for the display.
Remote User Level: Restricts the key operations for the remote control.

## >Screen Saver

The screen saver reduces the possibility of afterimages or image retention that can occur when displaying still images with constant, unchanging brightness for long periods of time. The Auto Power Off setting can also be set to automatically turn the power off when the screen saver operation ends.
> Remote System Monitoring
he status of the display, such as the power supply, input signal, display temperature and accumulated hours of use, can be emotely monitored via an RS-232C interface. This enables a quicker response to problems when operating systems for advertising purposes or information display.

## >> Power Restore Mode

When the power plug has been removed and re-inserted, or when the power has temporarily gone off due a power outage, he display can be set to turn its own power back on once the power supply has been restored.

## >Power-On Delay Function

For video walls and other multi-unit applications, this function For video walls and other multi-unit applications, this function
automatically shifts the power-on time slightly for each display automatically shifts the power-on time slightly for each display
unit in the system, so there's less load on the power supply.
> Multi-Screen System Dynamically
Displays Images in Large Spaces
The Multi-Display function enlarges images up to five times their original size, both vertically and horizontally. It enlarges images by the same zoom ratio in both vertical and horizontal directions, such as $2 \times 2,3 \times 3,4 \times 4$ and $5 \times 5$, or by different ratios in order to effectively use vertically or horizontally elongated spaces. LCD display versatility can be further enhanced by freely selecting the zoom ratio to match the installation space.
Some degradation occurs when images are enlarged.
-Provide an appropriate air-conditioned environment becaus the ambient
temperature varies depending on the installation condition and location.


Seam Hides Video Mode
When this mode is turned off, a full-screen image of the display panel, including edges (the entire width of the frame), is displayed This is especially suitable for displaying text information, since no words are hidden by the frame.


## > Automatic Picture Positioning

simply press the Auto Setup key on the remote control to position the picture. This function automatically corrects the horizontal and vertical picture positions, the Clock Phase, and the Dot Clock when an RGB signal is input. The adjustment esults in optimal standard values for horizontal and vertical picture sizes.
When digital RGB signal input, Dot Clock and Clock Phase cannot te made.

## > 1:1 Pixel Mode

The 1:1 Pixel mode maps the $1920 \times 1080$ video content to full-HD panel pixels to display $100 \%$ of the original content. By skipping the scaling process, this mode is able to produce high-definition images in their original, 1:1 pixel form.



