Panasonic
ideas for life

2007-2008
FLAT PANEL DISPLAY

Panasonic

DIGITAL
NETWORKING

CERTIFIED
✓HD
DIGITAL TV

VIErA

FULL-HD LINE-UP FOR CRYSTAL CLEAR IMAGES

CRYSTAL-CLEAR IMAGES WITH OUTSTANDING PICTURE QUALITY AND EXQUISITE DETAIL. EASY LINKING WITH OTHER FULL-HD EQUIPMENT LIKE BLU-RAY PLAYER AND FULL-HD CAMCORDER.

CHOOSE A VIERA FULL-HD MODEL — AND ENJOY ALL THE BEAUTY AND CONVENIENCE OF THE FULL-HD AGE.

Viera technology renders vivid, true-to-life images on Viera's high-resolution plasma panel. Delivering rich gradation and vibrant, accurate colours, this advanced imaging technology brings out the display's maximum performance.

Viera Link represents a step forward in networking, making it easier than ever to operate equipment connected together. SD Link adds further networking ease and convenience, letting you view still and motion* images from a digital camera and an HD video camera right on the large screen. These two advances deliver a level of image beauty and operating ease suited to today's full-HD age. They prepare you for the next generation of home entertainment.

Panasonic has made advances in more than just image quality and networking ease. Our approach to product safety and the environment has evolved, too. Under the "We Care" concept, we have adopted features such as protective front glass and a lead-free display panel to make our products safer for both people and the environment.

*Only TH-65PZ700A and TH-58PZ700A support AVCHD playback through the SD Card Slot.

FULL HD 1080p

50

TH-50PZ700A

42

TH-42PZ700A
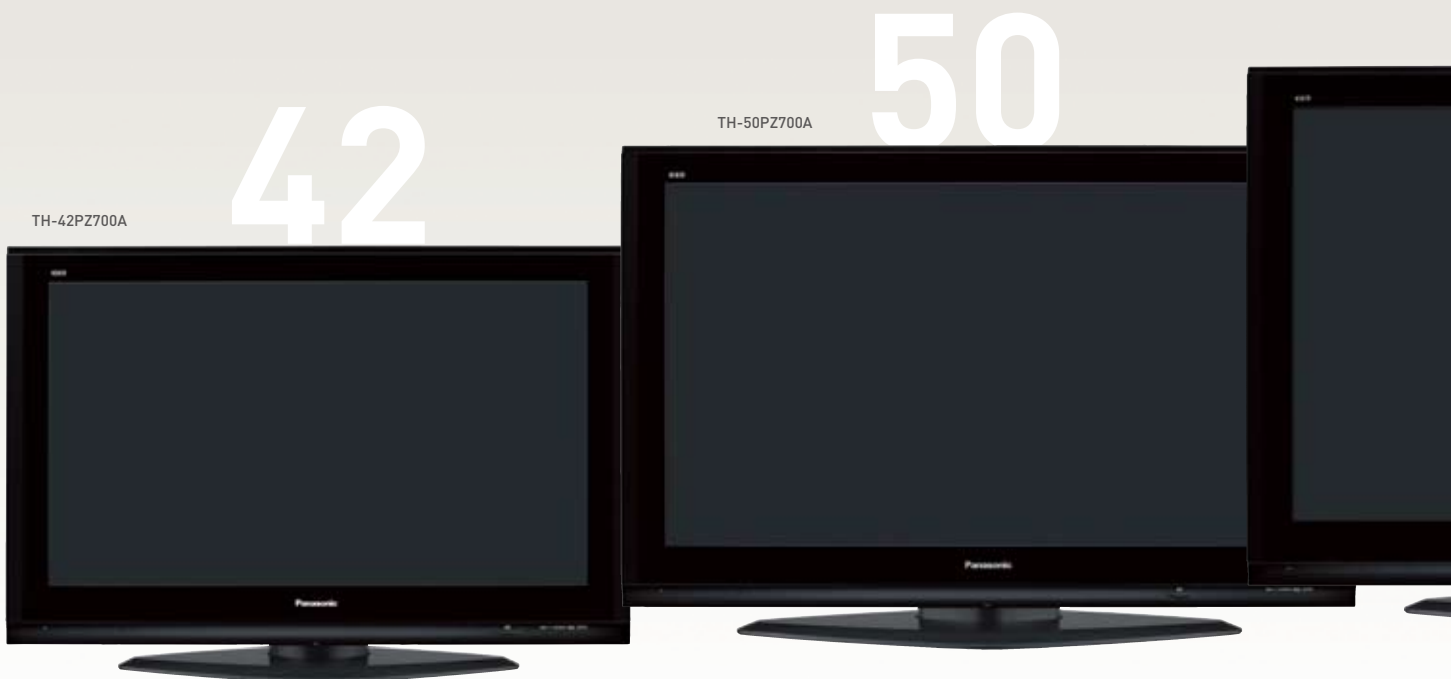
VIERA

PZ SERIES FULL HIGH DEFINITION SOLUTION

Viera TVs feature Panasonic's image-enhancing system "V-real Pro II technology", which applies full-digital processing to the 1920 x 1080 high-definition video signals received from HD broadcasts and Blu-ray discs. Because the signals are processed digitally from initial input all the way to final display, there is virtually no loss of image quality. Pictures are exquisitely clear and remarkably detailed, with even delicate textures and patterns visible.
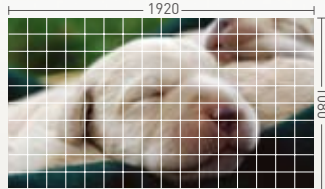
Full-HD video signal

Processor

Panel ▼ Driver

▼

Direct processing of the full-HD signals (1920 x 1080) from input to output

These images are simulated and for reference only

FULL-HD PLASMA PANEL

The full-HD Viera features a full-HD plasma panel with 1920 (horizontal) x 1080 (vertical) pixels. Panasonic's microcell discharge stabilisation technology and newly developed high-speed driver technology make it possible to reproduce HDTV broadcasts (1920 x 1080) in their full original resolution.

Full-HD Panel 2.07 million pixels (approx.)

1080P DIGITAL PROCESSING

The 1080p full-HD video signal allows the reproduction of highly expressive images with exceptional detail and full 1920 x 1080 resolution. Used in PZ Series Viera plasma TVs, this high-performance chip-set processes the full-HD signal without altering its natural specifications. It helps maximise performance of the full-HD plasma panel, so you enjoy clear, vibrant, beautiful pictures with extraordinary detail.
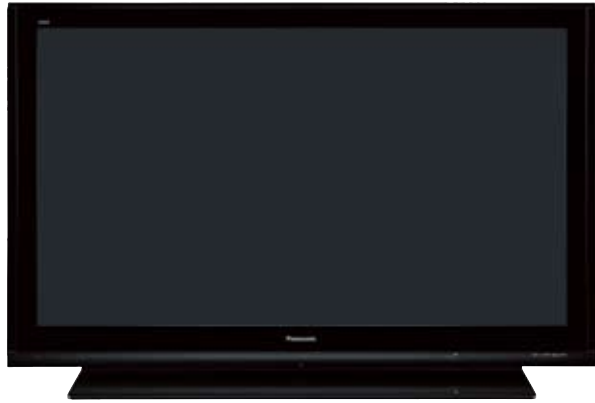

58

TH-58PZ700A

65

TH-65PZ700A

3

65" FULL HD PLASMA

FULL HD 1080p

Vibrant Large-Screen Images with Exquisite Detail
Powerful 65-inch Screen Images from the
Largest Model of the PZ700 Series

HD Digital Tuner Integrated

TH-65PZ700A
65"/165cm Full-HD Plasma Television
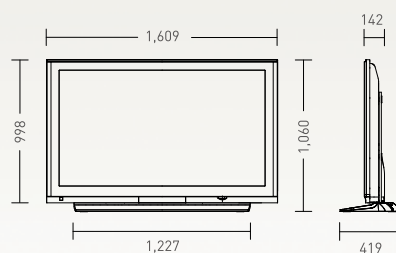
Viera Technology for Ultimate High Picture Quality

- Full-HD Plasma Panel (1920 x 1080p)
- 1080p Digital Processing Chip-Set
- 1080p Digital Re-mastering Processor
- 16 Bit Signal Processing
- 4,096 Equivalent Steps of Gradation
- Max. 10,000:1 Contrast
- 4,096 Equivalent Steps of Gradation
- 68.7 Billion Viewable Colours
- 100Hz Frame Rate Doubling Technology
- Sub-Pixel Controller
- Anti-Glare Filter

Other Features

- Viera Link*[1]
- SDHC Card Networkability (AVCHD/JPEG)
- 100,000 Hours Long Life Panel*[2]
- Advanced Smart Sound Speaker System
- SRS TruSurroundXT
- 3 x HDMI Input (1 Front + 2 Back)
- 7 Day Electronic Program Guide Compatible

Dimensions with TY-ST65R2-WG Pedestal Stand

1,609 | 142
998 | 1,060
1,227 | 419

*[1] This feature is available when connected to Panasonic Viera Link compatible products.
*[2] Number of hours until the panel's brightness is reduced by half, based on operation
in the standard mode with dynamic content. Does not take into consideration
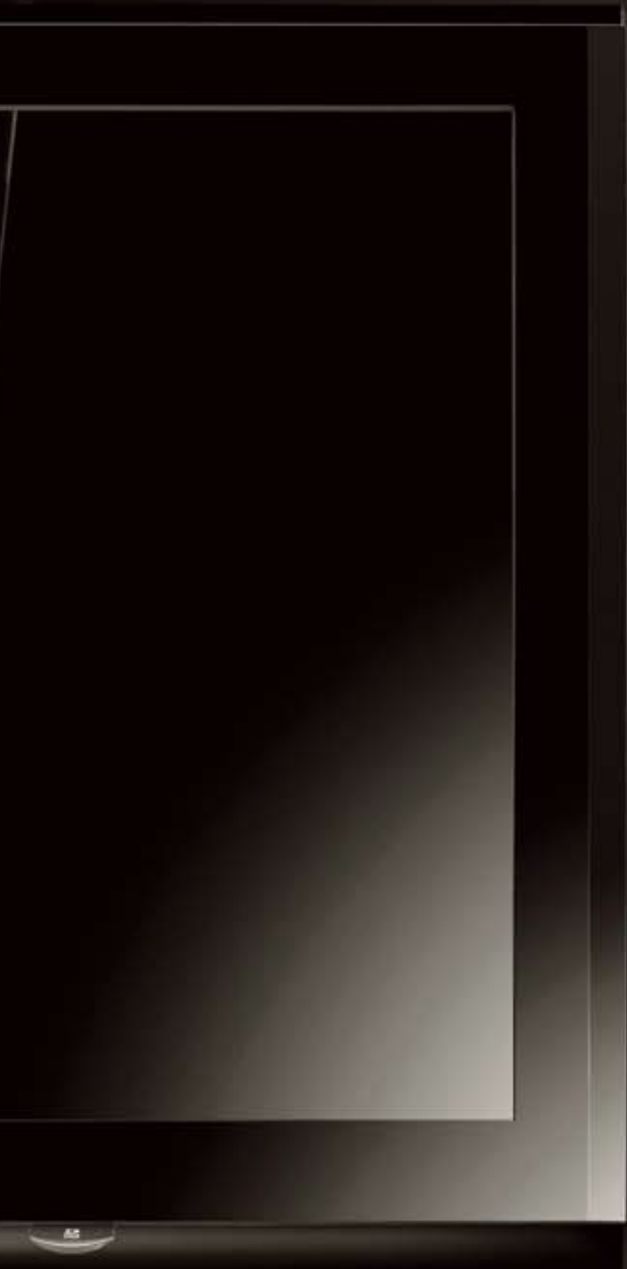afterimages (burn-in) or malfunctions.

58" FULL HD PLASMA

FULL HD 1080p

Vibrant Large-Screen Images with Exquisite Detail on a Powerful 58-inch Screen

HD Digital Tuner Integrated

TH-58PZ700A
58"/147cm Full-HD Plasma Television

Viera Technology for Ultimate High Picture Quality

- Full-HD Plasma Panel (1920 x 1080p)
- 1080p Digital Processing Chip-Set
- 1080p Digital Re-mastering Processor
- 16 Bit Signal Processing
- 4,096 Equivalent Steps of Gradation
- Max. 10,000:1 Contrast
- 68.7 Billion Viewable Colours
- Advanced 3D Colour Management
- 100Hz Frame Rate Doubling Technology
- Sub-Pixel Controller
- Anti-Glare Filter

Other Features

- Viera Link*[1]
- SDHC Card Networkability (AVCHD/JPEG)
- 100,000 Hours Long Life Panel*[2]
- Advanced Smart Sound Speaker System
- SRS TruSurroundXT
- 3 x HDMI Input (1 Front + 2 Back)
- 7 Day Electronic Program Guide Compatible

Dimensions with TY-ST58D2-WK Pedestal Stand

*[1] This feature is available when connected to Panasonic Viera Link compatible products.
*[2] Number of hours until the panel's brightness is reduced by half, based on operation in the standard mode with dynamic content. Does not take into consideration afterimages (burn-in) or malfunctions.

50" FULL HD PLASMA

FULL HD 1080p

The 50-inch flagship Full-HD model
provides the full enjoyment of large-screen viewing.

HD Digital Tuner Integrated

TH-50PZ700A
50"/127cm Full-HD Plasma Television

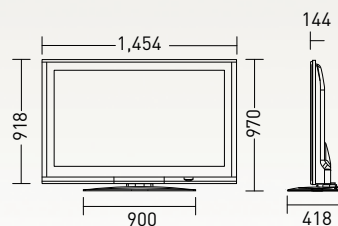**Viera Technology for Ultimate High Picture Quality**
- Full-HD Plasma Panel (1920 x 1080p)
- 1080p Digital Processing Chip-Set
- 1080p Digital Re-mastering Processor
- 16 Bit Signal Processing
- 4,096 Equivalent Steps of Gradation
- Max. 5,000:1 Contrast
- 68.7 Billion Viewable Colours
- Advanced 3D Colour Management
- 100Hz Frame Rate Doubling Technology
- Sub-Pixel Controller
- Anti-Glare Filter

Other Features
- Viera Link*[1]
- SDHC Card Networkability (JPEG)
- 100,000 Hours Long Life Panel*[2]
- Advanced Smart Sound Speaker System
- SRS TruSurroundXT
- 3 x HDMI Input (1 Front + 2 Back)
- 7 Day Electronic Program Guide Compatible

Dimensions with TY-ST50D2-WK Pedestal Stand

1,266 | 802 | 850 | 730 | 138 | 369

*[1] This feature is available when connected to Panasonic Viera Link compatible products.
*[2] Number of hours until the panel's brightness is reduced by half, based on operation
in the standard mode with dynamic content. Does not take into consideration
afterimages (burn-in) or malfunctions.

42" FULL HD PLASMA

FULL HD 1080p

The 42-inch flagship Full-HD model meets a wide range of uses.

HD Digital Tuner Integrated

TH-42PZ700A

42"/106cm Full-HD Plasma Television
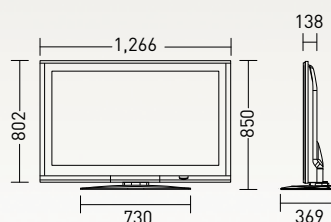
Viera Technology for Ultimate High Picture Quality

• Full-HD Plasma Panel (1920 x 1080p)
• 1080p Digital Processing Chip-Set
• 1080p Digital Re-mastering Processor
• 16 Bit Signal Processing
• 4,096 Equivalent Steps of Gradation
• Max. 5,000:1 Contrast
• 68.7 Billion Viewable Colours
• Advanced 3D Colour Management
• 100Hz Frame Rate Doubling Technology
• Sub-Pixel Controller
• Anti-Glare Filter

Other Features

• Viera Link*[1]
• SDHC Card Networkability (JPEG)
• 100,000 Hours Long Life Panel*[2]
• Advanced Smart Sound Speaker System
• SRS TruSurroundXT
• 3 x HDMI Input (1 Front + 2 Back)
• 7 Day Electronic Program Guide Compatible

Dimensions with TY-ST42D2-WK Pedestal Stand
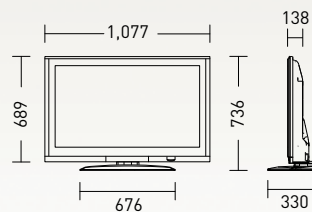
1,077   138
689   736
676   330

*[1] This feature is available when connected to Panasonic Viera Link compatible products.
*[2] Number of hours until the panel's brightness is reduced by half, based on operation in the standard mode with dynamic content. Does not take into consideration afterimages (burn-in) or malfunctions.
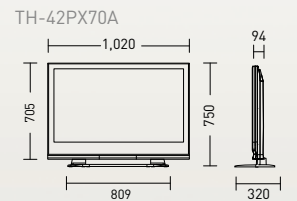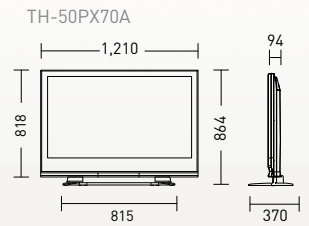
HD PLASMA LINE-UP

HD Digital Tuner Integrated

TH-50PX70A/TH-42PX70A
50"/127cm HD Plasma Television
42"/106cm HD Plasma Television

Viera Technology for Ultimate High Picture Quality

- HD Plasma Panel (50" - 1366 x 768p)
  (42" - 1024 x 768p)
- 3,072 Equivalent Steps of Gradation
- Max. 10,000:1 Contrast
- 100Hz Frame Rate Doubling Technology
- Advanced 3D Colour Management
- Sub-Pixel Controller

Other Features

- Viera Link*
- High Quality Elegant Design
- 2 x HDMI Input
- Front AV Input
- 7 Day Electronic Program Guide Compatible

TH-50PX70A

1,210 818 864 94 815 370

TH-42PX70A

1,020 705 750 94 809 320

HD Digital Tuner Integrated

TH-42PX7A
42"/106cm HD Plasma Television

Viera Technology for Ultimate High Picture Quality

- HD Plasma Panel (1024 x 768p)
- 3,072 Equivalent Steps of Gradation
- Max. 10,000:1 Contrast
- Advanced 3D Colour Management
- 100Hz Frame Rate Doubling Technology
- Sub-Pixel Controller

Other Features

- Viera Link*
- 1 x HDMI Input
- 7 Day Electronic Program Guide Compatible
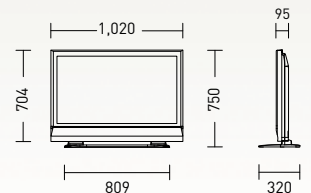
1,020 704 750 95 809 320

*This feature is available when connected to Panasonic Viera Link compatible products.

LCD LINE-UP

HD Digital Tuner Integrated

TX-32LXD700A

32"/80cm HD LCD Television

Viera Technology for Ultimate High Picture Quality

- HD LCD Panel (1366 x 768p)
- IPS α Panel
- Max. 8,500:1 Contrast
- Backlight Control
- Motion Picture Pro 100Hz Technology
- Intelligent Scene Controller
- Advanced 3D Colour Management
- Sub-Pixel Controller

Other Features

- Viera Link*
- SDHC Card Networkability (JPEG)
- High Quality Elegant Design
- Advanced Smart Sound Speaker System
- SRS TruSurroundXT
- 2 x HDMI Input
- 7 Day Electronic Program Guide Compatible

836 · 110 · 540 · 592 · 466 · 248
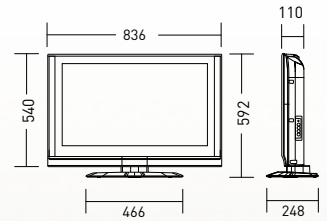
HD Digital Tuner Integrated

TX-32LXD70A

32"/80cm HD LCD Television

Viera Technology for Ultimate High Picture Quality

- HD LCD Panel (1366 x 768p)
- IPS α Panel
- Max. 8,500:1 Contrast
- Backlight Control

Other Features

- Viera Link*
- High Quality Elegant Design
- Compact & Slim
- 2 x HDMI Input
- 7 Day Electronic Program Guide Compatible

791 · 107 · 563 · 615 · 466 · 248
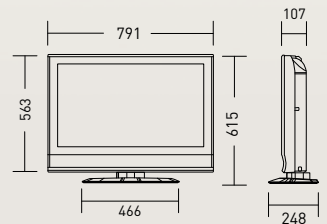
HD Digital Tuner Integrated

TX-26LXD70A

26"/66cm HD LCD Television

Viera Technology for Ultimate High Picture Quality

- HD LCD Panel (1366 x 768p)
- IPS α Panel
- Max. 8,500:1 Contrast
- Backlight Control

Other Features

- Viera Link*
- High Quality Elegant Design
- Compact & Slim
- 2 x HDMI Input
- 7 Day Electronic Program Guide Compatible

657 · 107 · 473 · 525 · 440 · 239
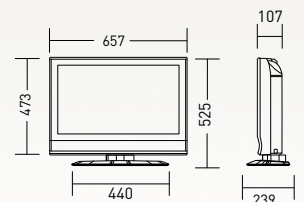
*This feature is available when connected to Panasonic Viera Link compatible products.

Panasonic

4
CONCEPTS

FOUR CONCEPTS OF PANASONIC'S FLAT-PANEL TVS: STUNNING IMAGES, OUSTANDING SOUND, EASY NETWORKING, RESPONSIBLE MANUFACTURING

FULL HD 1080p

Detailed Full-HD Images with Perfect Clarity

CRYSTAL-CLEAR FULL-HD IMAGES

PLASMA TELEVISION

HD Signal Quality Directly Reflected in Picture Quality
PZ SERIES 1080p FULL-HD PANEL

With its 1920 x 1080 resolution, Viera PZ Series full-HD panel displays beautiful images without needing to perform pixel conversion for the 1080p video signals processed by the video circuitry. You can enjoy images with stunning detail and beauty not only from HD broadcasts, but from Blu-ray sources as well.

HD Plasma
(approx. 1,050,000 pixels)

768

1366

Full-HD Plasma
(approx. 2,070,000 pixels)

1080

1920

Image resolution about twice as high
*When compared to the 50PX600.
These images are simulated and for reference only.

→ **SUPERB MOTION IMAGE DISPLAY**

Plasma panels use self-illuminating pixels — so motion-image resolution is outstanding, even in fast-motion scenes. You'll love the clear, vivid images you get from Viera when viewing action movies or watching football or baseball games, tennis matches, and other sports events.

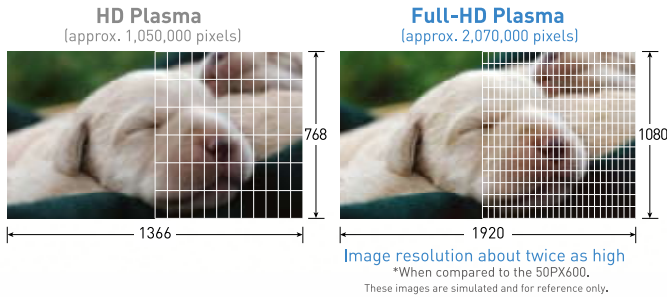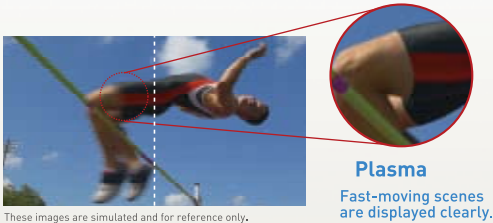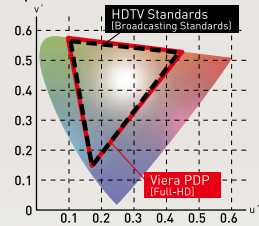These images are simulated and for reference only.

Plasma
Fast-moving scenes are displayed clearly.

→ **FAITHFUL COLOUR REPRODUCTION**

Viera reproduces 100% of the colour range specified in HDTV standards[1]. This makes it possible to reproduce images from digital HD broadcasts in their true original colours, with minimal colour shift.

1 Name of standard: ITU-R BT.709

Comparison of Colour Reproduction Capabilities

0.6
0.5
0.4
0.3
0.2
0.1
0

0.1 0.2 0.3 0.4 0.5 0.6

HDTV Standards
(Broadcasting Standards)

Viera PDP
[Full-HD]

Plasma
Faithful to HDTV standard signals
This image is simulated and for reference only.

→ **BEAUTIFUL IMAGES FROM ANY ANGLE**

With Viera plasma display panel, colours look virtually just as good from a sharp angle as they do from directly in front.

Plasma

Picture remains beautiful.
This image is simulated and for reference only.
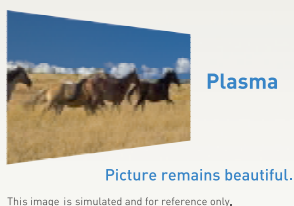
Full-HD Picture Processing without alteration
1080p DIGITAL PROCESSING CHIP-SET (PZ SERIES)

The 1080p signal format used by Blu-Ray Discs offers the highest image quality among high-definition video sources. The Viera processor receives up to 1080p video signals in their original format. It applies optimum signal processing to output the same high signal quality.

4 CONCEPTS

CRYSTAL-CLEAR FULL-HD IMAGES

Up-converts SD video signals to 1080p signals.
1080p DIGITAL RE-MASTERING PROCESSOR (PZ SERIES)

The processor converts SD and HD video signals from DTV broadcasting and DVD players to 1080p without loss of image details. It also applies progressive conversion to upgrade 1080i high-definition video signals to 1080p signals. This allows Viera to render pictures that are more beautiful than the original.

10,000:1 Contrast*
REAL BLACK DRIVE SYSTEM AND DEEP BLACK FILTER

Panasonic's original Real Black Drive System and Deep Black Filter reproduce the deep, rich blacks that were inherently difficult to achieve due to the structure of the plasma display panel. Further, the increased cell aperture ratio and improved discharge efficiency help maintain outstanding contrast on Viera's high-resolution full-HD panel.

*Excluding TH-50PZ700A and TH-42PZ700A

3,000:1 contrast
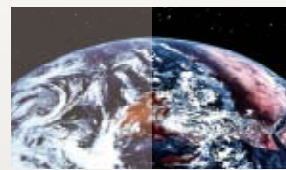
up to 10,000:1 contrast

These images are simulated and for reference only.

Finer Gradation, Greater Expressivity
GRADATION: 4,096 EQUIVALENT STEPS OF GRADATION*

To take maximum advantage of the full-HD panel's high resolution, Viera uses up to 16-bit signal processing. This increases gradation to the equivalent of 4,096 steps, which minimises noise and blackout. Both light and dark parts of an image are expressed clearly and beautifully.

*Excluding TH-50/42PX70A and TH-42PX7A

4,096 steps of gradation

Low-bit signal processing
Insufficient resolution
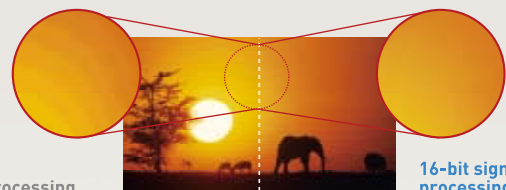
These images are simulated and for reference only.

16-bit signal processing
Detailed expression of all image areas from bright to dark areas

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Greatly Reduced Screen Glare
ANTI-GLARE FILTER*

Viera plasma TVs feature a filter that widely diffuses the light that reaches the panel, greatly reducing glare. You enjoy comfortable viewing of images that are warm-looking and virtually glare-free.

*Excluding TH-50/42PX70A and TH-42PX7A
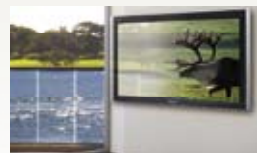
Conventional (PX600) Series
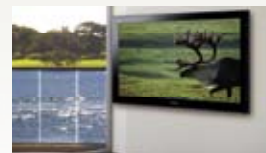
New Viera PDP (PZ700A Series)

These images are simulated and for reference only.

Advanced Smart Sound Speaker System

OUTSTANDING SOUND

A Pure, Clear Sound That Seems to Come Right From The Screen

ADVANCED SMART SOUND SPEAKER SYSTEM

The new speaker units we developed for this system offer outstanding clarity, rich bass, and superior sound localisation in the medium frequency range. We also developed speaker diaphragms made of eco-friendly bamboo fibres, achieving both a crisp, transparent treble sound and excellent environmental performance. A unique, improved passive radiator in the woofer also helps produce a clear, robust bass sound.

Example of the wide acoustic area of the narrow-aperture Ultra-Slim Speaker Unit

[Ordinary speaker]

| 1.0kHz | 1.5kHz | 2.0kHz | 2.5kHz |

[New Ultra-Slim Speaker Unit]

| 1.0kHz | 1.5kHz | 2.0kHz | 2.5kHz |
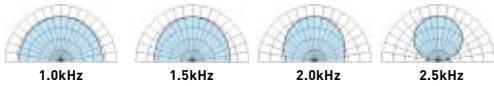
SRS TRUSURROUND XT - A RICHER, MORE EXPANSIVE SOUND

The PZ700A and LXD700A series feature SRS TruSurround XT, a sound-enhancing system that expands the acoustic field, making it possible for these two speaker systems to produce a virtual 5.1-channel surround effect that wraps the listener in a pure, clear sound. Developed by SRS Labs, Inc., SRS TruSurroundXT is a 3D sound reproduction technology that's based on the Head-Related Transfer Function - part of a theory that concerns the relationship between frequency change and the human ears' ability to determine the direction of a sound. This technology solves the problem of narrow "sweet spots", a shortcoming of ordinary stereo reproduction systems. Used in the PZ700A and LXD700A Series, it helps provide expansive surround sounds across a wide listening range.

SRS TruSurround XT
TruSurround XT, SRS and symbol are trademarks of SRS Lab, Inc.
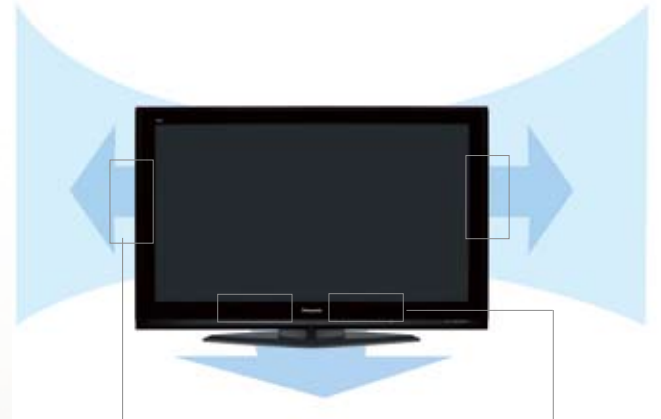
ADVANCED ULTRA-SLIM SPEAKER UNIT

The new Advanced Ultra-Slim Speaker Unit reproduces sounds all the way down to 350Hz - the kind of deep sound, such as a male baritone voice, that was handled by the woofer in conventional systems. Even with its narrow aperture, the new speaker unit has superb directional characteristics, so everyone in the room enjoys outstanding sound quality.

TWIN PASSIVE RADIATOR WOOFERS

The woofers use an enhanced passive radiator system to deliver an incredibly deep, clear sound. Using asymmetrical, contoured edges to prevent the harmonic distortion that can occur with conventional passive radiator systems, this enhanced system delivers a clearer sound than bass reflex systems of the same size.

Viera Link and SD Link: Easy Full-HD Viewing Fun from Multiple Sources

VIERA
NETWORKING

Multiple Panasonic AV Devices Can Be Controlled Using Only the Panasonic Viera Remote Control

VIERA LINK

Use an HDMI cable to connect your Viera TV to a Panasonic DVD recorder, Panasonic Blu-ray disc player, Panasonic HD camcorder or other Panasonic compatible device, and you can use the Viera remote control to operate the connected equipment. Say good-bye to the confusion and hassle of switching between several different remote control units. With Viera Link, you'll find it easy to enjoy the superb entertainment home cinema offers.

→ WITH DIGA DVD RECORDER

You Can Operate Your DVD Recorder with the Viera Remote Control[1] (Seamless GUI)

Suppose that while you are watching one TV programme you decide that you want to play a previously recorded programme, or set the unit to record a future broadcast. Simply press the Viera Link button, and the TV menu screen automatically switches to the Viera Link menu screen. After selecting the DVD recorder on the menu screen, you can set timer recordings or use playback functions on the fly.

| While watching TV | Viera Link button | VERA Link menu | DVD recorder menu |

1 This function is available for Panasonic 2007 DVD recorders used with Panasonic 2007 flat-panel TV models.

→ WITH A HOME CINEMA SYSTEM

You Can Control Your Home Cinema with the Viera Remote Control[1] (Seamless GUI)

When the TV is on, the Viera Link function lets you switch to home cinema mode using just the Viera remote control unit. Simply press the Viera Link button on the Viera remote and select "Home Cinema" on the Viera Link Menu screen. The home cinema system's menu will be displayed on the TV screen, and you can begin playing a DVD disc or select from the DVD disc menu.

| While watching TV | Viera Link button | VERA Link menu | Home cinema control panel |

1 This function is available for Panasonic 2007 home cinema systems used with Panasonic 2007 flat-panel TV models.

→ WITH AN HD CAMCORDER

You Can Operate Your HD Camcorder with the Viera Remote Control[1]

By connecting a Panasonic HD camcorder to your Viera with an HDMI cable, you can display a control panel for HD camcorder operation onto the Viera screen. Then simply use the Viera remote control to play back the camcorder.

Connect the HDMI cable

Thumbnail view   Control panel
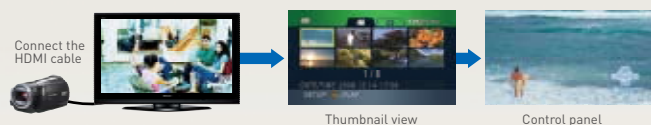
1 This function is available for Panasonic HD camcorder used with Panasonic 2007 flat-panel TV models.

→ PC INPUT

Viera is equipped with a PC input terminal. Connect a PC that is also connected to the internet, and you can surf or view content you've downloaded on Viera's big, beautiful screen. For business users, the PC input lets you take advantage of Viera's big screen and the exceptional viewing quality in presentations and training programmes.

View Your Photos on Viera's Large, Beautiful Screen

SD CARD SLOT*

Just insert an SD or SDHC Memory Card into the slot on your Viera TV, and your high-definition (1920 x 1080 pixels) 16:9 digital photos fill the large screen. The viewing is simply sensational. Viera's advanced imaging technologies bring photos dramatically to life, with vibrant colour and extraordinary detail.

* Excluding TH-50/42PX70A,TH-42PX7A and TX-32/26LXD70A.

| → Shooting | → Viewing |
| Shooting with LUMIX | Display photos on the large screen. |

SDHC Compatible!

View Your Moving Images in Full-HD

AVCHD LINK*

Take an SD or SDHC Memory Card from your HD camcorder and slip it into the slot on your Viera TV, and the full-HD (1920x1080) video you've captured will fill the large screen. The fine details that you get only with full-HD combine with Viera's excellent motion-image reproduction to give you vivid, lifelike moving images.

Full HD Picture Quality

* Only on TH-65PZ700A and TH-58PZ700A.

What's AVCHD?

AVCHD is a standard developed jointly by Panasonic and Sony for HD camcorder. Using highly efficient codec technologies, it records 1080i high-definition signals onto media such as 8-cm DVD discs and SD or SDHC Memory Cards. AVCHD allows an HD camcorder to make long-time recordings of high-density video information onto a DVD disc or SD/SDHC Memory Card.

Products that Are Friendly to Users and the Earth

CARING FOR PEOPLE AND THE ENVIRONMENT

Comfortable Viewing
GENTLE TO THE EYES

In a plasma TV each pixel lights up, and the lighting intensity is adjusted according to the scene. Because of this, the images are not overly bright even when you're watching in a room with dim lighting, such as in a living room in the evening. Eye fatigue is suppressed, so both children and adults can watch TV in comfort even when viewing for relatively long periods of time.

GENTLE TO EYES

Protecting the Plasma Panel
FRONT GLASS PANEL

Viera's front glass panel provides high resistance to impacts and scratches. This is particularly important for families with small children. The protective panel makes cleaning easier too; simply wipe the panel with a soft cloth when necessary.

* Except for the TX-32LXD700A, TX-32LXD70A and TX-26LXD70A
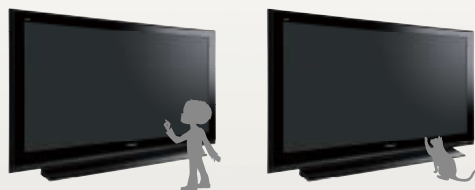
Long-Life Design - 100,000 Hours of Viewing Pleasure
100,000 HOURS LONG SERVICE LIFE*

The plasma panel offers a long service life of more than 30 years, when watched for eight hours a day. Panasonic is working to utilise resources, by developing products that maintain high quality for a long time.

* Only on PZ700A Series. Number of hours until the panel's brightness is reduced by half, based on operation in the standard mode with dynamic content. Does not take into consideration afterimages (burn-in) or malfunctions. PX70/7 Series offers a long service life of 60,000 hours.

Making Products More Easily Recyclable
INDUSTRY FIRST LEAD-FREE TV*

The current range of Viera Plasma TVs are lead-free and contain no mercury. Panasonic's global environmental initiatives include the use of eco-conscious materials, manufacturing process and facilities.

*November 2006.
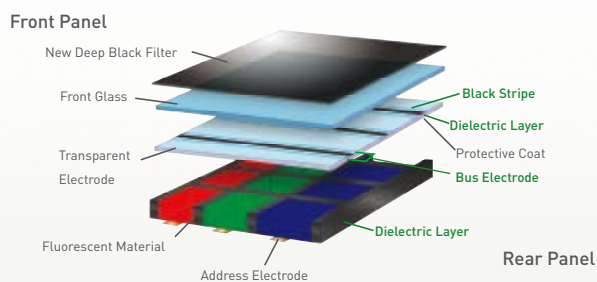
Panasonic Viera Plasma Panels are now lead-free.

Reducing Use of Lead by 280 Tons per Year

About 4 million plasma TVs are produced each year. While conventional plasma display panels contain 70 grams of lead, lead-free Viera models contain 0 grams. This could constitute a reduction of 280 tons of lead per year.

Equivalent to 187 cars
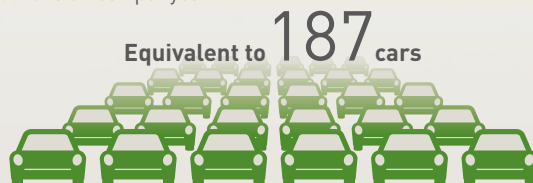
Bamboo Materials — Another Way We're Protecting the Environment
BAMBOO FIBRE SPEAKER

Deforestation is causing serious concerns on a global scale. While bamboo, which is a sustainable natural resource, is not widely utilised, it is very useful in terms of conserving resource and protecting the environment. Viera's speakers feature a diaphragm made of bamboo fibre in place of pulp. This is a new attempt by Panasonic to help reduce deforestation.

OTHER FEATURES:

Effective colour correction without affecting colour balance

ADVANCED 3D COLOUR MANAGEMENT*

This system controls multiple colours at the same time without affecting neighboring colours.
By independently adjusting the colour hue, density and brightness, it brings out the full beauty and richness of every image.

* Except for the TX-32LXD70, TX-26LXD70

Conventional

Clear Blue Vivid Red Clear Green

Advanced 3D Colour Management
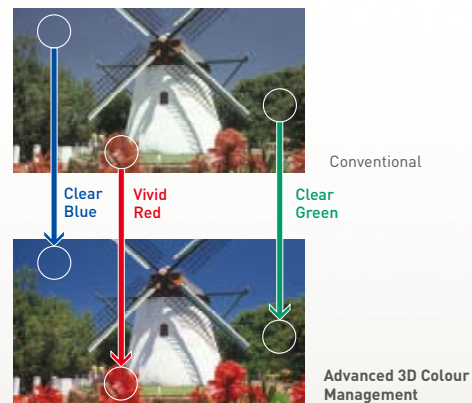
These images are simulated and for reference only.

Smooth Images - No Jagged Edges

SUB-PIXEL CONTROLLER

This system corrects the image contours by adjusting each R, G and B dot, so it delivers smooth contour lines even at diagonal sections, where jagged lines are normally conspicuous on a large screen.

No Correction

Sub-pixel Controller

Pixel unit

Dot unit

Each three RGB dots are processed as one pixel.

Individual processing of each of the RGB dots improves resolution and image sharpness.

No correction

Sub-pixel Controller
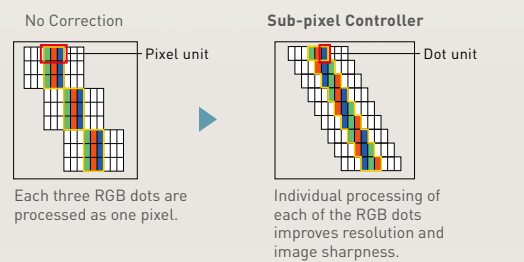
These images are simulated and for reference only.

THE OUTSTANDING FEATURES OF PANASONIC
LCD_{TVS}

100Hz motion picture pro

Crisp, Smooth Reproduction of Scenes with Fast Motion
MOTION PICTURE PRO 100Hz TECHNOLOGY*

Afterimages (hold time) in moving pictures have been reduced by about 50% compared with our previous model (LX30). This minimises motion blur and provides smoother, sharper reproduction of fast-moving images. VIERA LCD is ideal for viewing action movies or watching cricket games, football games, and broadcasts of other sports events.

New interpolation frames are created based on two adjacent frames and inserted between them.

Conventional System 50 frames/sec

Frame Creation 100 frames/sec

Interpolation images created between frames based on motion vector detection technology

Image with a conventional system

Motion Picture Pro

Dramatic Reduction of Afterimages to Achieve Clear Motion Images!
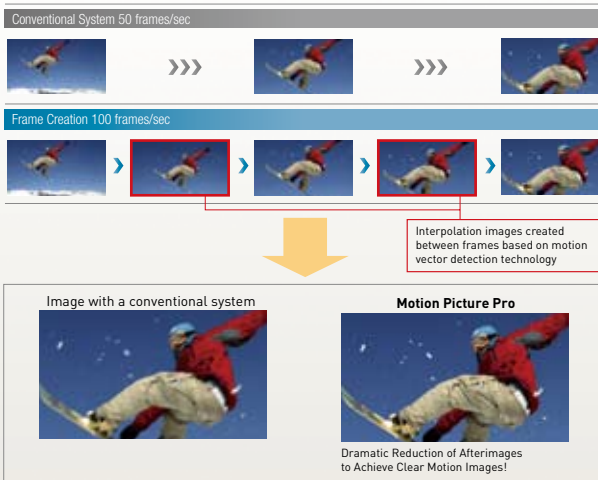
These images are simulated and for reference only.

* Only on TX-32LXD700A.

In Plane Switching
PANEL
by IPS Alpha Technology, Ltd.

Wide 178-degree Viewing - Beautiful Pictures from Anywhere in the Room
IPS α PANEL

With the Viera IPS LCD panel, colours appear rich and vivid even when viewed from a sharp angle. Everyone in the room gets a great view. The extra-wide viewing angle makes Viera perfect when enjoying a movie with the whole family or when stretching out on the sofa all by yourself.

True-to-Life Picture with Crisp Blacks
BACKLIGHT CONTROL

This system adjusts the backlight brightness and contrast according to the scene. In dark scenes, the backlight intensity is reduced to as little as 1/7 the level of our previous model (LX30) to reproduce deeper blacks.

LCD with Fixed Backlight

Bright scene
Backlight

Dark scene
Backlight

Consistent light intensity

White cast over blacks

Light intensity of the backlight remains consistent regardless of scenes.
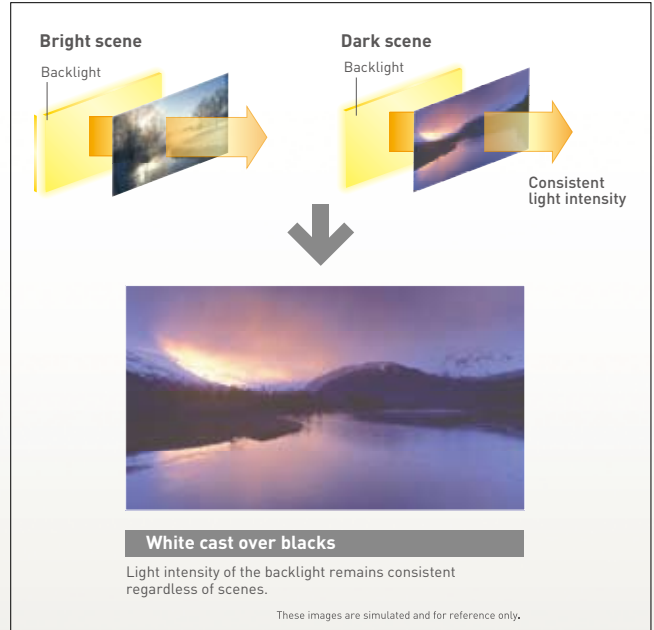
These images are simulated and for reference only.

Panasonic's Advantages

Technology (1)   Scene-adaptive backlight control

Bright scene
Backlight

Dark scene
Backlight

Reduction of light intensity
0.14 times max.

Tighter blacks!

Backlight turned down in intensity for dark scenes

Technology (2)   Scene-adaptive contrast gamma correction

Bright scene

Increase of gradation steps for bright areas

White   Black

Max. 4x Steps of Gradation

Dark scene

Increased gradation steps for dark areas

White   Black

Max. 4x Steps of Gradation

These images are simulated and for reference only.

SPECIFICATIONS FULL HD (FHD) PLASMA

	Model Number	TH-65PZ700A	TH-58PZ700A
Picture	Diagonal Screen Size	65"/165cm	58"/147cm
	Screen Aspect Ratio	16:9 Widescreen	16:9 Widescreen
	Screen Display Type	G10 Progressive Scan FHD (1920x1080) Plasma Display	G10 Progressive Scan FHD (1920x1080) Plasma Display
	Anti-Glare Filter	Yes	Yes
	Contrast Ratio (in dark surroundings)	10,000:1	10,000:1
	Displayable Colours	Max 68.7 billion viewable colours	Max 68.7 billion viewable colours
	Shades of Gradation	4096 equivalent steps of gradation	4096 equivalent steps of gradation
	Picture Enhancements	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)
	Picture Viewing Modes	Dynamic, Normal, Cinema, Auto	Dynamic, Normal, Cinema, Auto
	Component (YPbPr)/HDMI Video Input Formats	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
	PC Video Input Signals (VGA 15 Pin D-Sub)	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
	PC Video Adjustment Controls	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
	Aspect Ratio Control	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Digital TV Tuner	Integrated SD/HD DTV Tuner	Yes	Yes
	DTV System	DVB-T	DVB-T
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	DTV Video	MPEG2 SD/HD	MPEG2 SD/HD
	DTV Audio	Dolby Digital/MPEG1-L2	Dolby Digital/MPEG1-L2
	DTV Features (*when broadcast)	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Analogue TV Tuner	Integrated Analogue Tuner	Yes	Yes
	Analogue TV System	PAL B/G	PAL B/G
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	CATV Compatibility	Hyper-band	Hyper-band
	Stereo Reception	German 2CS (A2)	German 2CS (A2)
	Teletext	2000p Level 2.5 Fasttext/List/Top	2000p Level 2.5 Fasttext/List/Top
Sound	Advanced Smart Sound Speaker System	Yes	Yes
	Speakers	2x100mm Woofer; 2 x (23mm x 100mm) Tweeter	2x80mm Woofer; 2 x (23mm x 100mm) Tweeter
	Audio Power Output (10% THD)	31W RMS Total (13W + 2.5W) x 2	31W RMS Total (13W + 2.5W) x 2
	Headphone Socket	3.5mm Stereo Jack	3.5mm Stereo Jack
	Sound Modes	Music, Speech	Music, Speech
	Surround Sound Modes	Off, Simulated Surround, SRS TruSurround XT	Off, Simulated Surround, SRS TruSurround XT
Connectivity	HDMI Inputs (v1.3/HDCP)	2 x Rear, 1 x Front	2 x Rear, 1 x Front
	Component (YPbPr) Video/L & R Audio Inputs	2 x Rear	2 x Rear
	S-Video (Y/C)/L&R Audio Inputs	1 x Rear, 1 x Front	1 x Rear, 1 x Front
	Video (CVBS)/L&R Audio Inputs	3 x Rear, 1 x Front	3 x Rear, 1 x Front
	PC Input (VGA 15 Pin D-Sub)/L&R Audio Input	1 x Rear	1 x Rear
	Headphone out (3.5mm Stereo)	1 x Front	1 x Front
	Monitor Out - Video (CVBS)/L&R Audio	1 x Rear	1 x Rear
	Optical S/PDIF Digital Audio Out (DTV only)	1 x Rear	1 x Rear
Features	SDHC Memory Card Slot	Yes	Yes
	SDHC Memory Card Playback Formats	JPEG Photos/AVCHD	JPEG Photos/AVCHD
	Viera Link	Yes	Yes
	Power Off Timer	Yes	Yes
	Remote Control	Deluxe	Deluxe
	On Screen Display (OSD) Language(s)	English	English
	User Definable A/V Input Labels	Yes	Yes
Weights & Measures	AC Power Input	220 - 240 VAC 50/60Hz	220 - 240 VAC 50/60Hz
	Peak Power Consumption	779W	680W
	Standby Power	0.4W	0.4W
	Operating Temperature Range	0ºC - 35ºC	0ºC - 35ºC
	Dimensions with Pedestal Stand (WxHxD)	1609x1060x419 (mm)	1454x970x418 (mm)
	Dimensions without Pedestal Stand (WxHxD)	1609x998x142 (mm)	1454x918x144 (mm)
	Weight with Pedestal Stand (WxHxD)	82kg	64kg
	Weight without Pedestal Stand (WxHxD)	64kg	50.5kg
	Wallmount fixing points (WxH) Thread Type	1075 x 470 (mm) - M8	660 x 320 (mm) - M8

TH-50PZ700A	TH-42PZ700A
50″ /127cm	42″/106cm
16:9 Widescreen	16:9 Widescreen
G10 Progressive Scan FHD (1920x1080) Plasma Display	G10 Progressive Scan FHD (1920x1080) Plasma Display
Yes	Yes
5,000:1	5,000:1
Max 68.7 billion viewable colours	Max 68.7 billion viewable colours
4096 equivalent steps of gradation	4096 equivalent steps of gradation
3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)
Dynamic, Normal, Cinema, Auto	Dynamic, Normal, Cinema, Auto
480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Yes	Yes
DVB-T	DVB-T
7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
MPEG2 SD/HD	MPEG2 SD/HD
Dolby Digital/MPEG1-L2	Dolby Digital/MPEG1-L2
7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Yes	Yes
PAL B/G	PAL B/G
7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
Hyper-band	Hyper-band
German 2CS (A2)	German 2CS (A2)
2000p Level 2.5 Fasttext/List/Top	2000p Level 2.5 Fasttext/List/Top
Yes	Yes
2x80mm Woofer; 2 x (23mm x 100mm) Tweeter	2x80mm Woofer; 2 x (23mm x 100mm) Tweeter
31W RMS Total (13W + 2.5W) x 2	31W RMS Total (13W + 2.5W) x 2
3.5mm Stereo Jack	3.5mm Stereo Jack
Music, Speech	Music, Speech
Off, Simulated Surround, SRS TruSurround XT	Off, Simulated Surround, SRS TruSurround XT
2 x Rear, 1 x Front	2 x Rear, 1 x Front
2 x Rear	2 x Rear
1 x Rear, 1 x Front	1 x Rear, 1 x Front
3 x Rear, 1 x Front	3 x Rear, 1 x Front
1 x Rear	1 x Rear
1 x Front	1 x Front
1 x Rear	1 x Rear
1 x Rear	1 x Rear
Yes	Yes
JPEG Photos	JPEG Photos
Yes	Yes
Yes	Yes
Deluxe	Deluxe
English	English
Yes	Yes
220 - 240 VAC 50/60Hz	220 - 240 VAC 50/60Hz
640W	535W
0.5W	0.5W
0ºC - 35ºC	0ºC - 35ºC
1266x850x369 (mm)	1077x736x330 (mm)
1266x802x138 (mm)	1077x689x138 (mm)
56kg	46kg
48kg	39kg
660 x 320 (mm) - M8	660 x 320 (mm) - M8

Design, functions and specifications are subject to change without notice.

SPECIFICATIONS HD PLASMA

	Model Number	TH-50PX70A	TH-42PX70A
Picture	Diagonal Screen Size	50"/127cm	42"/106cm
	Screen Aspect Ratio	16:9 Widescreen	16:9 Widescreen
	Screen Display Type	G10 Progressive Scan HD Panel (1366x768) Plasma Display	G10 Progressive Scan HD Panel (1024x768) Plasma Display
	Anti-Glare Filter	No	No
	Contrast Ratio (in dark surroundings)	10,000:1	10,000:1
	Displayable Colours	Max 29 billion viewable colours	Max 29 billion viewable colours
	Shades of Gradation	3072 equivalent steps of gradation	3072 equivalent steps of gradation
	Picture Enhancements	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction
	Picture Viewing Modes	Dynamic, Normal, Cinema	Dynamic, Normal, Cinema
	Component (YPbPr)/HDMI Video Input Formats	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
	PC Video Input Signals (VGA 15 Pin D-Sub)	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
	PC Video Adjustment Controls	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
	Aspect Ratio Control	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Digital TV Tuner	Integrated SD/HD DTV Tuner	Yes	Yes
	DTV System	DVB-T	DVB-T
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	DTV Video	MPEG2 SD/HD	MPEG2 SD/HD
	DTV Audio	Dolby Digital/MPEG1-L2	Dolby Digital/MPEG1-L2
	DTV Features (*when broadcast)	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Analogue TV Tuner	Integrated Analogue Tuner	Yes	Yes
	Analogue TV System	PAL B/G	PAL B/G
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	CATV Compatibility	Hyper-band	Hyper-band
	Stereo Reception	German 2CS (A2)	German 2CS (A2)
	Teletext	2000p Level 2.5 Fasttext/List/Top	2000p Level 2.5 Fasttext/List/Top
Sound	Advanced Smart Sound Speaker System	No	No
	Speakers	120x60mm Full Range x 2	120x60mm Full Range x 2
	Audio Power Output (10% THD)	20W RMS Total (10W + 10W)	20W RMS Total (10W + 10W)
	Headphone Socket	3.5mm Stereo Jack	3.5mm Stereo Jack
	Sound Modes	Music, Speech	Music, Speech
	Surround Sound Modes	Off, Simulated Surround	Off, Simulated Surround
Connectivity	HDMI Inputs (v1.2/HDCP)	2 x Rear	2 x Rear
	Component (YPbPr) Video/L & R Audio Inputs	2 x Rear	2 x Rear
	S-Video (Y/C)/L&R Audio Inputs	1 x Rear, 1 x Front	1 x Rear, 1 x Front
	Video (CVBS)/L&R Audio Inputs	3 x Rear, 1 x Front	3 x Rear, 1 x Front
	PC Input (VGA 15 Pin D-Sub)/L&R Audio Input	1 x Rear	1 x Rear
	Headphone out (3.5mm Stereo)	1 x Front	1 x Front
	Monitor Out - Video (CVBS)/L&R Audio	1 x Rear	1 x Rear
	Optical S/PDIF Digital Audio Out (DTV only)	1 x Rear	1 x Rear
Features	SDHC Memory Card Slot	No	No
	SDHC Memory Card Playback Formats	N/A	N/A
	Viera Link	Yes	Yes
	Power Off Timer	Yes	Yes
	Remote Control	Standard	Standard
	On Screen Display (OSD) Language(s)	English	English
	User Definable A/V Input Labels	Yes	Yes
Weights & Measures	AC Power Input	220 - 240 VAC 50/60Hz	220 - 240 VAC 50/60Hz
	Peak Power Consumption	528W	350W
	Standby Power	0.5W	0.7W
	Operating Temperature Range	0ºC - 35ºC	0ºC - 35ºC
	Dimensions with Pedestal Stand (WxHxD)	1210x864x370 (mm)	1020x750x320 (mm)
	Dimensions without Pedestal Stand (WxHxD)	1210x818x94 (mm)	1020x705x94(mm)
	Weight with Pedestal Stand (WxHxD)	40kg	30kg
	Weight without Pedestal Stand (WxHxD)	38kg	28kg
	Wallmount fixing points (WxH) Thread Type	660 x 320 (mm) - M8	660 x 320 (mm) - M8

TH-42PX7A
42"/106cm
16:9 Widescreen
G10 Progressive Scan HD Panel (1024x768) Plasma Display
No
10,000:1
Max 29 billion viewable colours
3072 equivalent steps of gradation
3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction
Dynamic, Normal, Cinema
480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Yes
DVB-T
7MHz VHF/UHF Australia
MPEG2 SD/HD
Dolby Digital/MPEG1-L2
7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Yes
PAL B/G
7MHz VHF/UHF Australia
Hyper-band
German 2CS (A2)
2000p Level 2.5 Fasttext/List/Top
No
120x60mm Full Range x 2
20W RMS Total (10W + 10W)
No
Music, Speech
Off, Simulated Surround
1 x Rear
2 x Rear
1 x Rear
3 x Rear
1 x Rear
No
1 x Rear
1 x Rear
No
N/A
Yes
Yes
Standard
English
Yes
220 - 240 VAC 50/60Hz
350W
0.7W
0°C - 35°C
1020x750x320 (mm)
1020x705x95 (mm)
29kg
27kg
660 x 320 (mm) - M8

SPECIFICATIONS HD LCD

	Model Number	TX-32LXD700A	TX-32LXD70A
Picture	Diagonal Screen Size	32˝/80cm	32˝/80cm
	Screen Aspect Ratio	16:9 Widescreen	16:9 Widescreen
	Screen Display Type	IPSα Panel (1366 x 768) HD LCD Panel	IPSα Panel (1366 x 768) HD LCD Panel
	Anti-Reflective Coating	Yes	Yes
	Contrast Ratio	8,500:1	8,500:1
	Response Time	8ms	8ms
	100Hz Motion Picture Pro	Yes	No
	Intelligent Scene Controller	Yes	No
	Backlight Control	Yes	Yes
	Picture Ehhancements	3D Colour Management, Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)	Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)
	Picture Viewing Mode	Dynamic/Normal/Cinema/Auto	Dynamic/Normal/Cinema/Auto
	Component (YPbPr)/HDMI Video Input Formats	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.	480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
	PC Video Input Signals (VGA 15 Pin D-Sub)	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz	640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
	PC Video Adjustment Controls	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG	Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
	Aspect Ratio Control	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3	16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Digital TV Tuner	Integrated SD/HD DTV Tuner	Yes	Yes
	DTV System	DVB-T	DVB-T
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	DTV Video	MPEG2 SD/HD	MPEG2 SD/HD
	DTV Audio	Dolby Digital/MPEG1-L2	Dolby Digital/MPEG1-L2
	DTV Features (*when broadcast)	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists	7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Analogue TV Tuner	Integrated Analogue Tuner	Yes	Yes
	Analogue TV System	PAL B/G	PAL B/G
	Tuning Channel Plan	7MHz VHF/UHF Australia	7MHz VHF/UHF Australia
	CATV Compatibility	Hyper-band	Hyper-band
	Stereo Reception	German 2CS (A2)	German 2CS (A2)
	Teletext	2000p Level 2.5 Fasttext/List/Top	2000p Level 2.5 Fasttext/List/Top
Sound	Advanced Smart Sound Speaker System	Yes	No
	Speakers	2x (120mm x 60mm) Woofer, 2x (23mm x 100mm) Tweeter	120x60mm Full Range x 2
	Audio Power Output (10% THD)	20W RMS Total (7.5W + 2.5W) x2	20W RMS Total (10W + 10W)
	Headphone Socket	3.5mm Stereo Jack	3.5mm Stereo Jack
	Sound Modes	Music, Speech	Music, Speech
	Surround Sound Modes	Off, Simulated Surround, SRS TruSurround XT	Off, Simulated Surround
Connectivity	HDMI Inputs (v1.2/HDCP)	2 x Rear	2 x Rear
	Component (YPbPr) Video/L & R Audio Inputs	2 x Rear	2 x Rear
	S-Video (Y/C)/L&R Audio Inputs	1 x Rear, 1 x Side	1 x Rear, 1 x Side
	Video (CVBS)/L&R Audio Inputs	3 x Rear, 1 x Side	3 x Rear, 1 x Side
	PC Input (VGA 15 Pin D-Sub)/L&R Audio Input	1 x Rear	1 x Rear
	Headphone out (3.5mm Stereo)	1 x Side	1 x Side
	Monitor Out - Video (CVBS)/L&R Audio	1 x Rear	1 x Rear
	Optical S/PDIF Digital Audio Out (DTV only)	1 x Rear	1 x Rear
Features	SDHC Memory Card Slot	Yes	No
	SDHC Memory Card Playback Formats	JPEG Photos	N/A
	Viera Link	Yes	Yes
	Power Off Timer	Yes	Yes
	Remote Control	Deluxe	Standard
	On Screen Display (OSD) Language(s)	English	English
	User Definable A/V Input Labels	Yes	Yes
Weights & Measures	AC Power Input	220 - 240 VAC 50/60Hz	220 - 240 VAC 50/60Hz
	Power Consumption	138W	134W
	Standby Power	0.4W	0.4W
	Operating Temperature Range	0ºC - 35ºC	0ºC - 35ºC
	Dimensions with Pedestal Stand (WxHxD)	836x592x248 (mm)	791x615x248 (mm)
	Dimensions without Pedestal Stand (WxHxD)	836x540x107 (mm)	791x563x117(mm)
	Weight with Pedestal Stand (WxHxD)	18kg	17.5kg
	Weight without Pedestal Stand (WxHxD)	15.5kg	15kg
	Wallmount fixing points (WxH) Thread Type	200 x 100 (mm) - M4	200 x 100 (mm) - M4

CERTIFIED
✓HD
DIGITAL TV

TX-26LXD70A
26"/66cm
16:9 Widescreen
IPS α Panel (1366 x 768) HD LCD Panel
Yes
8,500:1
8ms
No
No
Yes
Colour Balance, Picture Sharpness Control, Sub-Pixel Control, MPEG Noise Reduction, C.A.T.S (Contrast Automatic Tracking System)
Dynamic/Normal/Cinema/Auto
480i/480p(60Hz); 576i/576p(50Hz); 720p(50/60Hz); 1080i(50/60Hz); 1080p(50/60Hz) HDMI only.
640x400@70Hz; 640x480@60/66/75Hz; 800x600@60/75/85Hz; 832x624@75Hz; 852x480@60Hz; 1024x768@60/70/75/85Hz; 1152x870@75Hz; 1280x1024@60Hz; 1366x768@60Hz
Red&Blue White Balance, Gamma, H-Position, V-Position, Video Sync:H&V/SOG
16:9, 14:9, Just, 4:3, 4:3 Full, Zoom1, Zoom2, Zoom3; DTV 16:9; PC 16:9 & 4:3
Yes
DVB-T
7MHz VHF/UHF Australia
MPEG2 SD/HD
Dolby Digital/MPEG1-L2
7 Day Electronic Program Guide (EPG)*; Now & Next program Information*; Teletext Sub-titles*; 4x user defined DTV Favourite Channel lists
Yes
PAL B/G
7MHz VHF/UHF Australia
Hyper-band
German 2CS (A2)
2000p Level 2.5 Fasttext/List/Top
No
120x60mm Full Range x 2
20W RMS Total (10W + 10W)
3.5mm Stereo Jack
Music, Speech
Off, Simulated Surround
2 x Rear
2 x Rear
1 x Rear, 1 x Side
3 Rear, 1 x Side
1 x Rear
1 x Side
1 x Rear
1 x Rear
No
N/A
Yes
Yes
Standard
English
Yes
220 - 240 VAC 50/60Hz
98W
0.4W
0ºC - 35ºC
657x525x239 (mm)
657x473x117 (mm)
14.5kg
12.5kg
200 x 100 (mm) - M4

Design, functions and specifications are subject to change without notice.

OPTIONAL ACCESSORIES

PEDESTAL

TY-ST65R2-WG
Dimensions (W x H x D)/ Weight:
1,227 x 832 x 419 mm / 17 kg
for TH-65PZ700A

TY-ST58D2-WK
Dimensions (W x H x D)/ Weight:
898 x 167 x 418 mm / 11 kg
for TH-58PZ700A

TY-ST50D2-WK
Dimensions (W x H x D)/ Weight:
730 x 166 x 369 mm / 8 kg
for TH-50PZ700A (TY-ST50D2-WK comes in TH-50PZ700A carton)

TY-ST42D2-WK
Dimensions (W x H x D)/ Weight:
704 x 165 x 330 mm / 7 kg
for TH-42PZ700A (TY-ST42D2-WK comes in TH-42PZ700A carton)
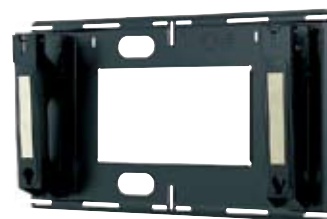
WALL-HANGING BRACKET

TY-WK65PV7
Dimensions (W x H x D) / Weight:
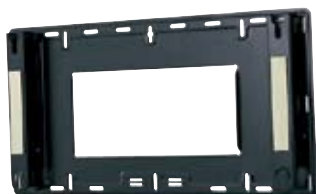1,320 X 604 X 75 mm / 8.3 kg
for TH-65PZ700A

TY-WK42PR3W [Angled]
Dimensions (W x H x D) / Weight:
810 X 490 X 129 mm / 9 kg
for TH-58PZ700A, TH-50PZ700A,
TH-42PZ700A, TH-50/42PX70A,
TH-42PX7A

TY-WK42PV3W [Vertical]
Dimensions (W x H x D) / Weight:
775 X 415 X 65 mm / 6.3 kg
for TH-58PZ700A, TH-50PZ700A,
TH-42PZ700A, TH-50/42PX70A,
TH-42PX7A

TY-WK32LR2W
Dimensions (W x H x D) / Weight:
480 X 388 X 59 mm / 2.6 kg
for TX-32LXD700A, TX-32LXD70A,
TX-26LXD70A

PANASONIC HDMI CABLES

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

1.5m
RP-CDHG15

3m
RP-CDHG30

5m
RP-CDHG50

7m
RP-CDHG70

10m
RP-CDHG100

PIXEL STATEMENT

An image on a LCD or Plasma TV screen is created by many small groups of dots known as pixels (which is similar to the image in a newspaper). It also naturally follows that higher panel resolutions contain more pixels. By example, a TV with a HD panel resolution of 1366 x 768 has a pixel count of 1,049,088 pixels. Similarly, a Full-HD panel resolution of 1920 x 1080 contains 2,073,600 pixels. To create a colour image, each pixel consists of three tiny coloured dots (known as sub-pixels), one each of red, green and blue. This gives a total count in excess of six million individual dots manufactured into a Full-HD panel. Each one of these dots is precisely controlled by the electronics of the TV to produce the picture. Whilst Panasonic maintains the highest standards in manufacturing technology and processes in the construction of these panels, there are a number of allowable pixel/sub-pixel failures that still allow the panel to be defined as a good panel. It is not possible to guarantee absolutely no pixel loss.

NETWORK PRODUCTS

DVD RECORDER

DMR-EX87

1. 1080p Up-Conversion with HDMI
2. Viera Link & HDMI Simple Connection
3. Integrated DVB Tuner (SD)
4. 250GB HDD
5. Super Multi-Format Recording & Playback

Also available DMR-EX77 with 160GB HDD

Wireless DVD Home Theatre System

SC-PT850W

1. Rear Wireless Receiver Kit Included
2. Panasonic Plasma TV Matching — HDMI & Viera Link
3. High Quality Picture & Sound — 1080p Up-Conversion & High Power 1200W

HD CAMCORDER

HDC-SD5

1. World's Smallest* 3CCD Full HD (1920 x 1080 pixels) Camcorder
   * 3CCD full-HD camcorder as of July 30, 2007
2. Advanced O.I.S.(Optical Image Stabiliser), 3CCD Camera System, and a Superb Leica Dicomar Lens
3. Easy Archiving & Viewing - Using a DVD Burner* to Create and Play Back a DVD
   * Optional (VW-BN1)

Also available HDC-SX5 DVD Recording

BLU-RAY DISC™ PLAYER

DMP-BD10A

1. HD Player :1080p Playback Capability with PHD) (Pixel Precision Progressive Processing for HD)
2. High Quality Sound: Dynamic Range of 118dB
3. Intelligent Control: Viera Link

AV Receiver

SA-XR700-K

1. Super HIgh-Quality Sound with Full-Digital Amplifier & Advanced Dual Amp Drive/Triple Amp Drive
2. HDMI for High Definition 1080p Transmission
3. Viera Link gives you streamlined control of Panasonic Plasma TV, Blu-Ray Disc Player and DVD Recorder

DIGITAL CAMERA

DMC-FX100

1. Large 1/1.72-inch CCD with 12.2-megapixel Resolution
2. 28mm wide-angle 3.6x Optical Zoom f/2.8 LEICA DC VARIO-ELMARIT Lens
3. Intelligent Image Stabiliser (I.I.S.) with MEGA O.I.S. (Optical Image Stabiliser) and Intelligent ISO Control for blur prevention.

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