Panasonic
ideas for life

VIERA FLAT SCREEN TVs

EVERY
MOMENT
MATTERS

EVERY MOMENT MATTERS

VIERA

VIERA

THE VIERA MISSION 2008. THIS YEAR VIERA HAS EVOLVED EVEN FURTHER, PUSHING THE LIMITS OF DESIGN AND TECHNOLOGY, REDEFINING THE CONCEPTS OF PERFORMANCE AND VALUE.
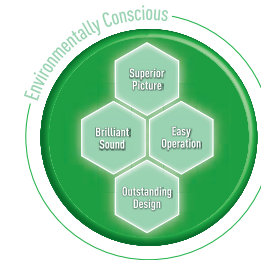
VIERA. FOR THOSE WHO DARE TO GO BEYOND.

THE VIERA CONCEPT 2008

FAST MOVING PICTURE PERFORMANCE

EVERY MOMENT MATTERS

PANASONIC CONTINUES WITH ITS 2008 LINE-UP TO STRENGTHEN THE VIERA
END-TO-END PEDIGREE THROUGH ITS FOUR PILLARS OF UNIQUE EXCELLENCE.

SUPERIOR PICTURE

Thanks to V-real 3 and V-real PRO 3 technology, VIERA delivers images of mesmerising beauty. This superb picture technology enables you to see all the grand detail of fast moving onscreen images, so you never miss a moment of an action movie or sporting event!

BRILLIANT SOUND

Equipped with V-AUDIO and V-AUDIO Surround sound, Panasonic's unique sound technology, VIERA televisions deliver crystal-clear sound with superior bass performance.

OUTSTANDING DESIGN

With a unique integrated design and single sheet of glass*, VIERA offers you the most stylish and desirable display.
*PZ800 only

EASY OPERATION

VIERA comes with an SDHC memory card slot (except PZ8/PX8 and LXD8) that makes it easy to view photos and even playback Full-HD (AVCHD*) moving pictures. Using VIERA Link, the remote control can also be used to operate other Panasonic AV devices.
*PZ800 and PZ81 only

VIERA TECHNOLOGY – PLASMA TELEVISIONS

SUPERIOR PICTURE

Plasma and LCD TVs

SUPERIOR PICTURE

V-REAL PRO 3 AND V-REAL 3
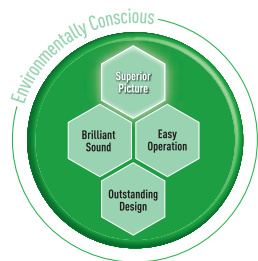
> All VIERA TVs are equipped with the Panasonic award-winning V-Real picture technology which perfectly optimises the performance of the display panel to render smooth, crystal-clear motion without compromising on delicate colours with rich graduation. Our 2008 models are equipped with V-Real PRO 3 for Full HD*, and V-Real 3** for HD-Ready TVs. New functions such as Intelligent Frame Creation and 100Hz Motion Picture Pro 2 further enhance picture performance.

* except PZ8   ** except PX8

Environmentally Conscious

Superior Picture

Brilliant Sound

Easy Operation

Outstanding Design

HD ready 1080p

VIERA

Plasma TVs

11TH GENERATION PANELS

> All 2008 VIERA plasma TVs feature Panasonic 11th generation panels – the result of several years of research and development. Boasting beautiful colour reproduction, and fluid precise on-screen motion, these 11th generation panels break new ground, even for us! Furthermore, the plasma TVs are environmentally friendly as they are both lead-free and designed to deliver a long panel lifetime of up to 100,000 hours* – giving you many years of superb entertainment.

DIGITAL CINEMA COLOUR

> PZ800 series comes with "Digital Cinema Colour". VIERA's wide colour gamut covers 120% of the conventional HDTV colour standard. The result is a level of colour expression that approaches Digital Cinema. This wide gamut also achieves richer, more vivid colouring from x.v.Colour** signals.

freesat ... IS THE NEXT BIG THING

> The BBC and ITV bring you freesat, a brand new digital satellite TV service giving you free HD programmes at no extra cost. freesat has no contract, no subscription, just a one-off payment for the TV, satellite dish and installation. And because freesat is broadcast via satellite, it will be available to almost every household in the UK.

with **freesat** HD

* This measurement is based on the time taken for the brightness of the panel to reduce to half of its maximum level. The time taken to reach this level may vary depending on the image content and the environment where the television is used

** x.v. Colour is a trademark

INTELLIGENT FRAME CREATION

> In order to deliver you the smoothest possible on-screen motion, our high-end VIERA plasma TVs come equipped with Intelligent Frame Creation technology. Using the formidable computing power of V-Real PRO 3 processor, motion compensated additional frames are created and inserted between the source frames resulting in ultra-smooth on-screen movement. Furthermore, when it comes to original movie material that is shot in 24p format, 24p Real Cinema technology kicks-in and reduces judder ensuring that original content is super smooth!

100 Hz DOUBLE SCAN

> The standard European PAL broadcast signal is 50Hz – meaning that the on-screen image on your TV is refreshed 50 times each second. However VIERA plasma TVs have 100Hz Double Scan technology built in, meaning that the frame rate is doubled, resulting in beautiful flickerless moving images.

1,000,000 : 1 CONTRAST RATIO

> Our latest VIERA plasma TVs are able to achieve a staggering 1,000,000:1 dynamic contrast ratio* – meaning that on-screen blacks are not grey or dark-grey like many other products, but a true, deep, silky black. Scenes filled with suspense will feel even more exciting, and you will feel completely immersed in the action!

* PZ80/81/85/800 only.

VIERA TECHNOLOGY – LCD TELEVISIONS

SUPERIOR PICTURE

Environmentally Conscious

Superior Picture

Brilliant Sound | Easy Operation

Outstanding Design
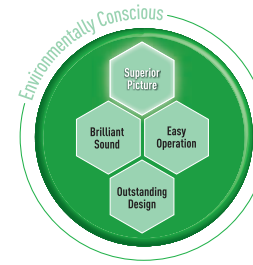
In Plane Switching — IPS

LCD TVs

Many LCDs suffer from colour wash-out when not viewed from directly in front – a big problem if you have a large family trying to watch a film together. However the latest generation of IPS (In-Plane Switching) technology, manufactured in-house by Panasonic, builds on years of experience with industry leading wide viewing angle technology, providing an unrivalled LCD TV viewing experience. New generation (or "alpha") IPS provides the widest viewing angle possible with the least colour wash-out, even when viewed from the side. Our LCD panels are built on the strengths of IPS by delivering faster response time and reproducing intense realistic deep black levels and contrast ratios, especially when employed with Panasonic Intelligent Scene Controller technology.

IPS ALPHA PANELS

> VIERA LCD IPS alpha panels have a viewing angle of 178 degrees both vertically and horizontally, eliminating faded images that can occur by viewing the panel from certain seating positions. The extra-wide viewing angle makes VIERA LCDs perfect when watching TV with the entire family or a group of friends.

WIDE 178-DEGREE-VIEWING

HD ready 1080p

VIERA

> When watching fast moving sporting events or movies on TV, you want to enjoy all the action without motion blur. Thanks to the Panasonic 100Hz Motion Picture Pro technology for LCDs, "motion picture lag", has been significantly reduced.

100 Hz MOTION PICTURE PRO

By creating intermediate frames and inserting them between the original frames, VIERA LCD TVs are able to deliver crystal clear images, even when fast motion is displayed, making VIERA LCDs ideal for watching action movies, football games, and broadcasts of other sporting events.

> 100Hz Motion Picture Pro 2 utilises Motion Focus technology which works by optimising the backlight according to fast moving contents. This combination of technologies has been especially developed for viewers who refuse compromise when it comes to capturing fast action.

100 Hz MOTION PICTURE PRO 2

Whether you are watching the 100m sprint final of the summer Olympic Games or the Formula One Grand Prix in Monaco, you will never miss any of the fine details that really make up these fast motion action scenes. You will also be able to enjoy flicker-free viewing of scrolling news tickers which can sometimes be difficult to read.

> Ambient light around an LCD TV can have a negative effect on the appearance of the on-screen black-levels and brilliance of the colours.

CLEAR PANEL

Our flagship VIERA 37-inch LCD TV comes with "Clear Panel". The screen is covered with a special resin which works to diffuse ambient light so that it is not reflected back to the viewer.

VIERA OUTSTANDING DESIGN

TECHNICALLY ADVANCED AND PRECISELY MANUFACTURED

Environmentally Conscious

Superior Picture

Brilliant Sound

Easy Operation

Outstanding Design
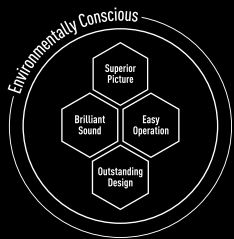
VIErA

In 2008, the VIERA design retains its consistency throughout the range, from the smaller-sized LCDs to the largest plasma TVs. The **A SINGLE SHEET OF GLASS** peak of our unique design concept is to use a single sheet of glass on our top end PZ800 model, making the screen completely flat and thus giving the impression of literally "floating".

ECO WORLD REDUCE, RE-USE, RECYCLE
COEXISTENCE WITH THE GLOBAL ENVIRONMENT
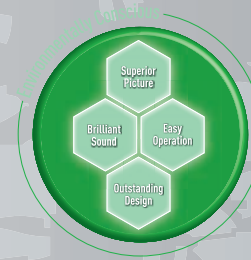
Panasonic products provide convenience and comfort to peoples' lives, though the manufacturing, use, and disposal of these products has an impact on the environment. The major environmental impacts are emission of CO_2, waste, and chemical substances. We focus our efforts to reduce these emissions as far as possible during the product lifecycle, aiming to further improve customers' quality of life. This is our fundamental philosophy.

PRODUCT LIFECYCLES AND THEIR IMPACT ON THE ENVIRONMENT

> LONG SERVICE LIFE

LONG-LIFE DESIGN – UP TO 100,000 HOURS* OF VIEWING FUN – VIERA plasma display panels are designed to provide a panel viewing time of up to 100,000 hours*, giving you years and years of superb entertainment. Compared to LCD, there is no backlight that loses brightness over time, so you can count on high-quality images for many years.

> ECO MODE

Looking for ways to reduce their carbon footprints, people are increasingly concerned about the energy consumption of their consumer electronics products. We have introduced a new optional "Eco Mode" as standard on almost all of our TVs. Eco Mode uses a photo sensor to measure the ambient light conditions in the room and adjusts the panel brightness accordingly.

> LEAD FREE DISPLAY

MAKING PRODUCTS MORE EASILY RECYCLABLE – The use of lead is prohibited by the RoHS Directive, but processed glass products are exempt from this regulation because the development of an alternative material is difficult. For VIERA plasma TVs, Panasonic has already developed a lead alternative substance and eliminated the use of lead in plasma TVs for the first time in the world. This reduces the impact on the environment when recycling or disposing of them in the future.

* This measurement is based on the time taken for the brightness of the panel to reduce to half of its maximum level. The time taken to reach this level may vary depending on the image content and the environment where the television is used.

HD ready 1080p

VIErA

> LOW POWER CONSUMPTION

**THE POWER CONSUMED BY A PLASMA DISPLAY VARIES
ACCORDING TO THE BRIGHTNESS OF EACH SCENE.
THAT'S WHY IT IS SO ENERGY-EFFICIENT.**

The amount of electrical power consumed by a plasma TV varies constantly and depends on the image displayed. "Rated Power" (IEC60107 3.6.2)* is for measuring the power consumption of equipment that uses a constant amount of electricity. This makes "Rated Power" a rather inappropriate method for determining the power consumption of plasma display devices. What is a more efficient way to measure the precise power consumption of plasma TVs?

Panasonic has concluded that the most suitable method is to measure power consumption while displaying an actual broadcast programme. Therefore, Panasonic has adopted a specification called "Assumptive Actual Use Power Consumption". The consumption value is obtained by measuring the electrical power that is consumed during selected actual broadcast programmes for a period of ten minutes, then multiplying the result by six.

* Standard of the International Electrotechnical Commission

ONE REMOTE, TOTAL CONTROL: VIERA LINK EXPERIENCE
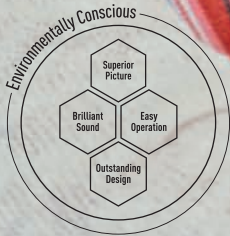
Panasonic engineers devote a lot of time to improving ways to make it easier for you to enjoy your Panasonic components. A great example of their innovation is VIERA Link. VIERA Link gives you unprecedented power over compatible Panasonic products. Now, you can use just a single remote control to manage your entire AV system. VIERA Link uses the control signals that are transmitted through an HDMI cable for automated functions. Just press the VIERA Link button on the VIERA TV remote to control your entire Panasonic home cinema components.

MULTIPLE AV DEVICES CAN BE CONTROLLED USING ONLY THE VIERA REMOTE CONTROL!

> DIRECT TV RECORDING

DIGA DVD Recorder with the VIERA Remote Control – 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, it allows you to set timer recordings or use playback functions directly. All of these operations can be done via the VIERA remote control.

> ONE-TOUCH HOME CINEMA PLAYBACK

Blu-ray Disc Player with the VIERA Remote Control – By simply pressing the VIERA Link button on the VIERA Remote Control and selecting "Player" you can directly operate your Blu-ray Disc Player with the VIERA Remote Control. You can start the playback of a Blu-ray Disc, select from the Blu-ray Disc menu or even change settings in the menu of the Player. All of this is possible by using the VIERA remote control.

> PAUSE LIVE TV

DIGA DVD Recorder with the VIERA Remote Control – Suppose you are watching an exciting football game or other sporting event and suddenly you receive a phone call that you cannot miss – but you also don't want to miss a moment of the big game. What do you do? Thanks to VIERA Link, you can select "Pause Live TV" using your VIERA remote and freeze the action. Your DIGA DVD recorder will record from this moment on and allow you to continue after your phone call from the part where you paused. You never need to miss a moment of action again!

> ONE-TOUCH HD VIEWING

HD Camcorder with the VIERA Remote Control – 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 playback the camera. You get high-quality HD images and sounds with a simple connection and super-easy operation.

THE VIERA PLASMA TELEVISION SERIES

PERFECT PICTURES IN A PERFECT FRAME

THE PZ800 SERIES

Boasting a Full HD panel and packed with all our latest vision enhancing technologies, the PZ800 series is our flagship model especially designed for people who don't want to compromise on quality. Not only does the One-Sheet-of-Glass design look stunning, it also features playback of Full HD images directly from the built-in SD Memory card slot and an amazing four HDMI ports to maximise its connectivity potential. Quite simply the best plasma TV we have made to date!

THE PZ81 SERIES

The PZ81 series are the first TVs in the UK to feature a freesat built-in HD tuner enabling subscription free HD channels. It also features Intelligent Frame Creation, a superb wide colour gamut thanks to x.v.Colour* and 24p Real Cinema for enhanced judder-free playback. In addition the AVCHD facility enables viewing of high definition camcorder footage.
* x.v. Colour is a trademark

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THE PZ85 SERIES

Featuring Intelligent Frame Creation and a superb wide colour gamut thanks to x.v.Colour*, the PZ85 series is the premium Full HD plasma TV. It also features HD Photo Viewer from the built-in SD memory card slot and 24p Real Cinema for enhanced judder-free playback.

THE PZ80 SERIES

This is our core series of Full HD VIERA plasma TVs featuring 100Hz Double Scan to ensure beautiful, flicker-free on-screen motion, and an extra wide colour gamut thanks to x.v.Colour*. It also comes with three HDMI ports to connect to all your AV equipment such as Blu-ray Disc player, DVD recorder, and camcorders.
* x.v. Colour is a trademark

THE PZ8 SERIES

The Full HD PZ8 series of products is for those who want to enjoy the best picture quality at a price range suiting their budget. The 1920 x 1080 pixel resolution of this tough panel plasma TV delivers great pictures, ready for what ever HD enabled product you choose to connect.

THE PX80 SERIES

This HD-Ready plasma TV comes complete with V-real 3 technology to enhance picture performance and 100Hz Double Scan ensuring crisp, smooth on-screen motion. It also has three HDMI inputs, a PC input and a built-in SD memory card slot allowing you to enjoy all your photos in HD quality!

THE PX8 SERIES

The HD-Ready PX8 series of products is for those who want to enjoy the best picture quality at a price range suiting their budget. With a super-fast response time of just 0.001 milliseconds and 100Hz Double Scan technology, all on-screen action will be crisp and fluid!

VIERA

TH-65PZ800B

PREMIUM VIERA 65 INCH (165 cm)
FULL-HD WIDE PLASMA TV

- Full HD Plasma G11 Panel
  1920 x 1080 Pixels
- 100Hz Double Scan
- Intelligent Frame Creation
- V-real PRO 3 Technology
- 5,120 Equivalent Steps of Gradation
- 1,000,000:1 Dynamic Contrast
  30,000:1 Native
- 0.001 msec. Response Time
- Digital Cinema Colour
- x.v. Colour*
- 24p Real Cinema
- 4 x HDMI
- Additional Features
  Enhanced VIERA Link, Single sheet of glass design,
  SDHC Card Networkability (HD-JPEG Photo Viewer/
  AVCHD Playback), V-AUDIO Surround Sound, equipped
  with SRSTruSurround XT, Integrated Digital Tuner, Eco
  Mode, VIERA Tough Panel

  * x.v. Colour is a trademark

PZ800

Pedestal shown is optional

TH-58PZ800B

- Same as TH-65PZ800B, but 58 Inches (147 cm)
- Pedestal included or Wall Hanging
  Bracket optional

TH-50PZ800B

- Same as TH-65PZ800B, but 50 Inches (127 cm)
- Pedestal included, Video Cabinet or Wall
  Hanging Bracket optional

TH-42PZ800B

- Same as TH-65PZ800B, but 42 Inches (106cm)
- Pedestal included, Video Cabinet or
  Wall Hanging Bracket optional
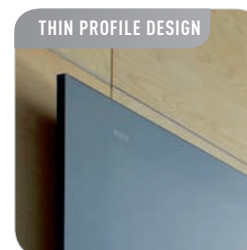
THIN PROFILE DESIGN

VIEᒣA

TH-50PZ81B

VIERA 50 INCH (127cm) FULL-HD
WIDE PLASMA TV WITH FREESAT HD

with **freesat** HD

- freesat HD* and Freeview Integrated
  Digital Tuners
  (freesat requires connection to suitable satellite dish)

- Full HD Plasma G11 Panel
  1920 x 1080 pixels

- 100Hz Double Scan

- Intelligent Frame Creation

- 24p Real Cinema

- V-real PRO 3 Technology

- 5,120 Equivalent Steps of Gradation

- 1,000,000:1 Dynamic Contrast
  30,000:1 Native

- x.v. Colour**

- Dolby Digital Optical Audio Out

- 24p Playback

- 3 x HDMI

- Additional Features
  Enhanced VIERA Link, SDHC Card Networkability (HD-JPEG
  and AVCHD), V-AUDIO Sound, Eco Mode, VIERA Tough Panel,
  Pedestal included, Video Cabinet or Wall Hanging Bracket
  optional

* freesat HD is a trademark
** x.v. Colour is a trademark

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TH-46PZ81B

- Same as TH-50PZ81B, but 46 Inches (116 cm)

TH-42PZ81B

- Same as TH-50PZ81B, but 42 Inches (106 cm)

WHAT HI★FI?
SOUND AND VISION
★★★★★

TH-50PZ81B
TH-46PZ81B

HOME CINEMA Choice
BEST BUY

TH-46PZ81B

TrustedReviews.com
TR RECOMMENDED

TH-46PZ81B

HD TVtest
HIGHLY
RECOMMENDED

TH-50PZ81B

PZ81

VIEᒣA   HD TV 1080p   100Hz Double Scan   INTELLIGENT FRAME CREATION   Vreal PRO3   V-AUDIO SURROUND   VIEᒣA Link   HDMI™   AVCHD

SDHC   PC in   LEAD FREE DISPLAY   x.v.Colour   with freesat HD   digital V Approved product   GUIDE plus+ GEMSTAR

TH-46PZ85B
HIGH-END VIERA 46 INCH (116 cm) FULL-HD WIDE PLASMA TV

- Full HD Plasma G11 Panel
  1920 x 1080 pixels

- 100Hz Double Scan

- Intelligent Frame Creation

- V-real PRO 3 Technology

- 5,120 Equivalent Steps of Gradation

- 1,000,000:1 Dynamic Contrast
  30,000:1 Native

- 0.001 msec. Response Time

- x.v. Colour*

- 24p Real Cinema

- Slim Design

- 3 x HDMI

- Additional Features
  Enhanced VIERA Link, SDHC Card Networkability (HD-JPEG Photo Viewer), V-AUDIO Surround Sound, equipped with BBE VIVA HD3D Sound, Integrated Digital Tuner, Eco Mode, VIERA Tough Panel, Pedestal included, Wall Hanging Bracket optional

* x.v. Colour is a trademark

TH-42PZ85B

- Same as TH-46PZ85B, but 42 Inches (106 cm)

EISA AWARD | Best Product 2008-2009 | BEST VALUE PLASMA-TV | Panasonic VIERA TH-46PZ85

BEST BUY which www.which.co.uk Televisions September 2008

HDTVtest HIGHLY RECOMMENDED

WHAT HI-FI? SOUND AND VISION ★★★★★

VIERA | HD ready 1080p | 100Hz Double Scan | INTELLIGENT FRAME CREATION | Vreal PRO 3 | V-AUDIO SURROUND | VIERA Link | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

SDHC | PC in | LEAD FREE DISPLAY | x.v.Colour | digital Approved product | GUIDE plus+ GEMSTAR

PZ85

VIErA

TH-50PZ80B
VIERA 50 INCH (127 cm) FULL-HD WIDE PLASMA TV

- Full HD Plasma G11 Panel
  1920 x 1080 pixels
- 100Hz Double Scan
- V-real PRO 3 Technology
- 5,120 Equivalent Steps of Gradation
- 1,000,000:1 Dynamic Contrast
  30,000:1 Native
- x.v. Colour*

- 24p Playback
- 3 x HDMI
- SDHC Card Networkability
  HD-JPEG Photo Viewer

* x.v. Colour is a trademark

- Additional features
  Enhanced VIERA Link, V-AUDIO Sound, Integrated Digital Tuner,
  Eco Mode, VIERA Tough Panel, Pedestal included, Video Cabinet
  or Wall Hanging Bracket optional

TH-46PZ80B
- Same as TH-50PZ80,
  but 46 Inches (116 cm)

TH-42PZ80B
- Same as TH-50PZ80,
  but 42 Inches (106 cm)

PZ80

TH-46PZ8B
VIERA 46 INCH (116cm) FULL-HD PLASMA TV

- 100Hz Double Scan
- V-real PRO 2 Technology
- 24p Playback
- Full HD
  1920 x 1080p
- 20,000:1 High Contrast Native
- 4,096 Equivalent Steps of Gradation
- 2 x HDMI
- 2 x Scart
- Additional features
  Enhanced VIERA Link, Horizontal Arch Design, Eco Mode, VIERA Tough Panel, Lead Free Panel, Pedestal included

TH-42PZ8B

- Same as TH-46PZ8B, but 42 Inches (106 cm)

PZ8

VIEΛA

TH-42PX80B
VIERA 42 INCH (106 cm)
HD-READY WIDE PLASMA TV

- HD ready G11 Plasma Panel
- 100Hz Double Scan
- V-real 3 Technology
- 4,096 Equivalent Steps of Gradation
- 15,000:1 Native Contrast
- 0.001 msec. Response Time
- 24p Playback

- 3 x HDMI
- Additional features
  Enhanced VIERA Link, SDHC Card Networkability
  (HD-JPEG Photo Viewer), V-AUDIO Sound, Integrated
  Digital Tuner, Eco Mode, VIERA Tough Panel, Lead
  Free Panel, Pedestal included

TH-37PX80B
- Same as TH-42PX80B, but 37 Inches (94 cm)

PX80

Panasonic

VIEΛA | HD ready | 100Hz Double Scan | Vreal|3 | V-AUDIO SURROUND | VIEΛA Link | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

SDHC | PC in | LEAD FREE DISPLAY | digital V Approved product | GUIDEplus+ GEMSTAR

TH-50PX8B

VIERA 50 INCH (127 cm) HD-READY WIDE PLASMA TV

- HD ready G11 Plasma Panel
- 100Hz Double Scan
- V-real 2 Technology
- 3,072 Equivalent Steps of Gradation
- 10,000:1 Native Contrast
- 0.001 msec. Response Time

- 24p Playback
- 2 x HDMI
- 2 x Scart
- Additional features
  Enhanced VIERA Link, Ambience Sound, Integrated Digital Tuner, VIERA Tough Panel, Lead Free Panel, Pedestal included

TH-42PX8B

- Same as TH-50PX8B, but 42 Inches (106 cm)

TH-37PX8B

- Same as TH-50PX8B, but 37 Inches (94 cm)

PX8

THE VIERA – FULL-HD LINE-UP

BRILLIANT IMAGES WITH EXQUISITE DETAIL

VIERA TVs feature Panasonic's image-enhancing system "V-real PRO 3" technology, which

FULL HIGH DEFINITION SOLUTION

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.

HD signal quality directly reflected in picture quality

FULL-HD PANELS

with its 1920 x 1080p resolution, VIERA Full-HD panel displays beautiful images without needing to perform pixel conversion for the 1080p video signals processed by the video circuitry. Panasonic offers the full-HD panel in 32-inch and larger models. You can enjoy images with stunning detail and beauty not only from HD broadcasts, but from Blu-ray and HD Gaming sources as well.

SUPERIOR PICTURE

> NATIVE / DYNAMIC CONTRAST

The new Real Black Drive system (a pre-discharge suppression system) and the enhanced panel production processes in our plasma TVs combine to reproduce deep blacks with an outstanding contrast ratio up to 1,000,000 : 1 in dynamic, and 30,000 : 1 in native contrast. VIERA plasma TVs accurately reproduce scenes, even those with a delicate balance of light and shadows.

> INTELLIGENT FRAME CREATION

For our premium plasma TVs, we have developed a new technology called "Intelligent Frame Creation". This technology uses a complex algorithm for motion compensation and motion estimation to increase the frame count, producing natural, frame-to-frame transitions for smooth motion on-screen images in high resolution.

> 24P PLAYBACK / 24P REAL CINEMA

When reproducing a 24p movie source, the 24p Real Cinema function generates smooth motion transition based on the original 24 frames. Models that do not include 24p Real Cinema are equipped with 24p Playback. The 24p Playback function provides cinema-like images by using a pull-down up to 96Hz.
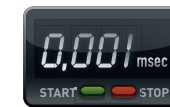
> RESPONSE TIME

VIERA PDPs use self-illuminating cells instead of liquid crystal displays enabling them to achieve an ultra-fast response time of 0,001 milliseconds which makes them especially good when it comes to fast moving images like those seen in sporting events or gaming.

> FAITHFUL COLOUR REPRODUCTION

WIDE COLOUR GAMUT PANEL WITH X.V.COLOUR – Digital high-definition TV broadcast transmissions are based on a set of specifications called the HDTV Standard*. VIERA's large colour gamut covers 110% of the HDTV colour standard. This wide gamut has been achieved by an advanced panel structure and newly developed filter, producing richer, more vivid colouring from x.v.Colour signals.

* Name of standard: ITU-R BT.709
x.v.Colour is a trademark

> WIDE VIEWING ANGLE

WIDE 178-DEGREE VIEWING – BEAUTIFUL PICTURES FROM ANYWHERE IN THE ROOM – With the VIERA IPS ALPHA LCD panel and all VIERA plasma panels, colours appear rich and vivid even when viewed at 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.

EASY OPERATION

> VIERA LINK

MULTIPLE AV DEVICES CAN BE CONTROLLED USING ONLY THE VIERA REMOTE CONTROL – Use an HDMI cable to connect your VIERA TV to a DIGA DVD recorder, Blu-ray disc player, HD Camcorder or other compatible device, and you can use the VIERA remote control to operate all 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.

> SDHC CARD READER – HD PHOTO VIEWER

VIEW YOUR PHOTOS ON VIERA'S BEAUTIFUL SCREEN – 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 your images dramatically to life, with vibrant colour and extraordinary detail.

> HDMI INPUT

All VIERA flat TVs are equipped with up to four HDMI ports making it incredibly easy to connect High Definition sources like Blu-ray Disc players, HD camcorders, gaming consoles, and some satellite set-top boxes. All VIERAs fully utilise the control possibilities of HDMI to link all your AV products via VIERA Link and allow easy operation whilst using only one remote control – one remote, total control!

ECOLOGY

> LEAD FREE DISPLAY

MAKING PRODUCTS MORE EASILY RECYCLABLE – The use of lead is prohibited by the RoHS Directive, but processed glass products are exempt from this regulation because the development of an alternative material is difficult. For VIERA plasma TVs, Panasonic has developed a lead alternative substance and eliminated the use of lead in plasma TVs for the first time in the world. This reduces the impact on the environment when recycling or deposing of them in the future.

> LONG SERVICE LIFE

LONG-LIFE DESIGN – UP TO 100,000 HOURS* OF VIEWING FUN – VIERA Full-HD plasma display panels are designed to provide a viewing time of up to 100,000 hours*, giving you years and years of superb entertainment. There is no backlight that loses brightness over time, so you can count on high-quality images for many years.

> ECO MODE

The new "Eco Mode" uses a photosensor to measure the ambient light conditions in the room and adjusts the panel brightness accordingly. As a result our TVs uses less power when used in dark light conditions. Eco mode is standard on most new VIERAs.

* This measurement is based on the time taken for the brightness of the panel to reduce to half of its maximum level. The time taken to reach this level may vary depending on the image content and the environment where the television is used.

BRILLIANT SOUND

> V-AUDIO

Panasonic VIERA televisions deliver the best of Sound with V-AUDIO surround and V-AUDIO technologies. V-AUDIO surround features Panasonic's unique digital amplifier, carbon speaker and slim side speaker design as well as featuring SRS tru surround XT or BBE ViVA HD3D Sound.

> GUIDE PLUS+ TV LISTINGS SERVICE

The GUIDE Plus+ system offers TV viewers a convenient, easy way to find out what's on TV, directly from the TV screen. The GUIDE Plus+ system includes up to eight days of programme listings. You can search the listings by day, channel or category, and even create personalised searches. And, the programme listings in the GUIDE Plus+ system are updated every day – FREE OF CHARGE! – so you will always have the most current information about what's on TV. GUIDE Plus+ is a registered trademark of Gemstar TV Guide International.
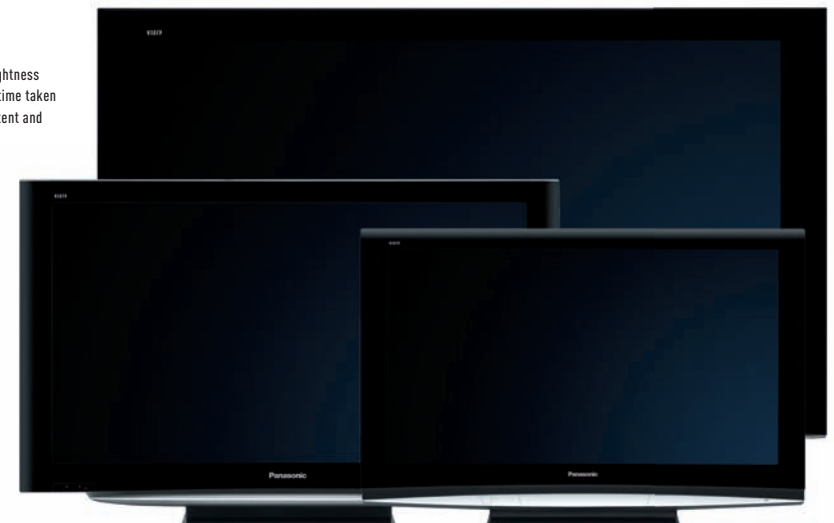
THE VIERA LCD TELEVISION SERIES

PURE AND CLEAR RIGHT FROM THE SCREEN

THE LZD800 SERIES

The LZD800 series comes with our largest ever 37-inch IPS-alpha panel and is the pinnacle VIERA Full HD LCD TV. Packed with picture enhancing technologies like 100Hz Motion Picture Pro 2 for beautiful, flicker-free on-screen motion, you won't miss a moment of the action! It also has V-Audio Surround sound for the home cinema experience and 24p Film so that you can playback original movie content in perfect judder-free clarity too!

THE LZD81 SERIES

The LZD81 series are the first LCD TV's in the UK to feature a freesat built-in HD tuner enabling subscription free HD channels. The LZD81 has a dynamic contrast ratio of 10.000:1 and intelligent scene controller technology to ensure consistent deep black level and crisp on screen motion. Available in 37-inch and 32-inch screen sizes.

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THE LZD85 SERIES

Available in both 37-inch and 32-inch IPS-alpha panels, this high-end Full HD LCD TV series come with 100Hz Motion Picture Pro 2 to ensure all on-screen action is smooth and clear. It also features VIERA link so you can operate all your compatible AV equipment with just one remote control. With three HDMI inputs you are not limited in connectability.

THE LZD80 SERIES

Our core Full HD series, the LZD80 boasts dynamic contrast ratio of an amazing 10,000:1 and Intelligent Scene Controller technology to ensure a consistent deep black level and crisp on-screen motion. It also has a built-in SD memory card slot to allow you to watch your photos in HD quality, right in the comfort of your own living room!

THE LXD85 SERIES

The LXD85 series is our HD-Ready LCD TV range, equipped with our own 100Hz Motion Picture Pro technology to keep all the on-screen action smooth and flicker-free. Additionally, it also achieves an amazing dynamic contrast ratio of 10,000:1 so that, unlike some LCD TVs, the blacks are really black! Available in 32-inch IPS Alpha Panel.

THE LXD80 SERIES

The HD-Ready LXD80 series combines modern design with state of the art technology. Additionally they have VIERA LINK for easy operation and built-in SD memory card slot to allow you to watch your photos in HD quality. Available in 32-inch and 26-inch screen sizes.

THE LXD8 SERIES

The HD-Ready LXD8 series of TV's is for those who want to enjoy the best picture quality at a price range suiting their budget. Available in screen sizes 32-inch, 26-inch and 19-inch.

VIERA

TX-37LZD800

PREMIUM VIERA 37 INCH
(94 cm V Wide) FULL-HD LCD TV

- IPS-Alpha Full HD Panel
  1920 x 1080 pixels

- Ultra Wide 178° Viewing Angle
  Horizontally & Vertically

- 100Hz Motion Picture Pro 2
  with Motion Focus Technology

- V-real PRO 3 Technology

- 10,000:1 Contrast

- Intelligent Scene Controller

- x.v. Colour*

- 24p Film with Cinema Smoother

- Clear Panel

- Additional features
  Enhanced VIERA Link, SDHC Card Networkability
  (HD-JPEG Photo Viewer), V-AUDIO Surround
  equipped with SRS TruSurround XT, Clear Panel,
  Integrated Digital Tuner, HDMI x4, Swivel
  Pedestal included

  * x.v. Colour is a trademark

LZD800

VIERA · HD ready 1080p · 100Hz motion picture pro2 · V real PRO 3 · INTELLIGENT SCENE CONTROLLER

V-AUDIO SURROUND · VIERA Link · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · SDHC · PC in · x.v.Colour · digital V Approved product · GUIDE Plus+ GEMSTAR

VIERA

TX-37LZD81

VIERA 37 INCH (94 cm V Wide)
FULL-HD LCD TV WITH
FREESAT HD

with **freesat HD**

- freesat HD* Integrated Digital Tuner
  (freesat requires connection to suitable satellite dish)

- IPS-Alpha Full HD Panel
  1920 x 1080 pixels

- Ultra Wide 178° Viewing Angle
  Horizontally & Vertically

- V-real PRO 3 Technology

- 10,000:1 Contrast

- Intelligent Scene Controller

- x.v. Colour**

- 24p Playback

- Additional features
  Enhanced VIERA Link, PC Input, SDHC Card Networkability (HD-JPEG Photo Viewer), V-AUDIO Surround equipped with BBE ViVA HD3D, HDMI x3, SCART x2, Eco Mode, Swivel Pedestal included

* freesat HD is a trademark
** x.v. Colour is a trademark

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TX-32LZD81

- Same as TX-37LZD81, but 32 Inches (80 cm V Wide)

LZD81

VIERA HD ready 1080p Vreal PRO3 INTELLIGENT SCENE CONTROLLER V-AUDIO SURROUND VIERA Link HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

SDHC PC in x.v.Colour with freesat HD digital V Approved product GUIDE plus+ GEMSTAR

Panasonic

TX-37LZD85

HIGH-END VIERA 37 INCH (94 cm V Wide) FULL-HD LCD TV

WHAT HI★FI? SOUND AND VISION ★★★★★

- IPS-Alpha Full HD Panel
  1920 x 1080 pixels
- Ultra Wide 178° Viewing Angle
  Horizontally & Vertically
- 100Hz Motion Picture Pro 2
  with Motion Focus Technology
- V-real PRO 3 Technology
- 10,000:1 Contrast

- Intelligent Scene Controller
- x.v. Colour*
- 24p Film with Cinema Smoother
- Additional features
  Enhanced VIERA Link, SDHC Card Networkability
  (HD-JPEG Photo Viewer), V-AUDIO Surround
  equipped with BBE ViVA HD3D, Integrated Digital
  Tuner, HDMI x3, Swivel Pedestal included

  * x.v. Colour is a trademark

TX-32LZD85

- Same as TX-37LZD85, but 32 Inches (80 cm V Wide)

techradar.com ★★★★★ Deep into technology

TrustedReviews.com TR RECOMMENDED

WHAT VIDEO & HI-DEF TV Best Buy ★★★★★

WHAT HI★FI? SOUND AND VISION ★★★★★

LZD85

VIERA | HD ready 1080p | 100Hz motion picture pro2 | Vreal PRO 3 | INTELLIGENT SCENE CONTROLLER

V-AUDIO SURROUND | VIERA Link | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | SDHC | PC in | x.v.Colour | digital V Approved product | GUIDE plus+ GEMSTAR

VIERA

TX-37LZD80
VIERA 37 INCH (94 cm V Wide) FULL-HD LCD TV

- IPS-Alpha Full HD Panel
  1920 x 1080 pixels

- Ultra Wide 178° Viewing Angle
  Horizontally & Vertically

- V-real PRO 3 Technology

- 10,000:1 Contrast

- Intelligent Scene Controller

- x.v. Colour*

- 24p Playback

- Additional features
  Enhanced VIERA Link, SDHC Card Networkability
  (HD-JPEG Photo Viewer), V-AUDIO Surround
  equipped with BBE ViVA HD3D, Integrated
  Digital Tuner, HDMI x3, Swivel Pedestal included

  * x.v. Colour is a trademark

TX-32LZD80

- Same as TX-37LZD80, but 32 Inches (80 cm V Wide)

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What Plasma &LCDTV EDITOR'S CHOICE ★★★★★

WHAT HI·FI?
SOUND AND VISION
★★★★★

LZD80

Panasonic

VIERA HD ready 1080p Vreal PRO 3 INTELLIGENT SCENE CONTROLLER

V-AUDIO SURROUND VIERA LinK HDMI HIGH DEFINITION MULTIMEDIA INTERFACE SDHC PC in x.v.Colour digital V Approved product GEMSTAR plus+

TX-32LXD85

VIERA 32 INCH (80cm V Wide)
HD-READY LCD TV

- IPS-Alpha HD ready Panel
- Ultra Wide 178° Viewing Angle
  Horizontally & Vertically
- 100Hz Motion Picture Pro
- V-real 3 Technology
- 10,000:1 Contrast
- Intelligent Scene Controller
- 24p Playback
- Additional features
  Enhanced VIERA Link, SDHC Card Networkability
  (HD-JPEG Photo Viewer), V-AUDIO Sound, Integrated
  Digital Tuner, HDMI x3, Swivel Pedestal included

BEST BUY which? www.which.co.uk Televisions September 2008

TrustedReviews.com TR RECOMMENDED

techradar.com ★★★★★ Deep into technology

LXD85

VIERA HD ready 100Hz motion picture pro2 Vreal i3 INTELLIGENT SCENE CONTROLLER V-AUDIO

VIERA Link HDMI HIGH DEFINITION MULTIMEDIA INTERFACE SDHC PC in digital✓ Approved product GUIDEPlus+ GEMSTAR

VIErA

TX-32LXD80

VIERA 32 INCH (80 cm V Wide) HD-READY LCD TV

- IPS HD ready Panel
- Ultra Wide
  178° Viewing Angle
  Horizontally
- V-real 3 Technology
- 8,000:1 Contrast

- 3D Colour Management
- 24p Playback
- Additional features
  Enhanced VIERA Link, SDHC Card
  Networkability (HD-JPEG Photo Viewer),
  V-AUDIO Sound, Integrated Digital Tuner,
  HDMI x3, PC input, Pedestal included

TX-26LXD80

VIERA 26 INCH (66cm V Wide) HD-READY LCD TV

- HD Ready LCD Panel
- V-real 3 Technology
- 8,000:1 Contrast
- 3D Colour Management
- 24p Playback

- Additional features
  Enhanced VIERA Link, SDHC Card
  Networkability (HD-JPEG Photo
  Viewer), V-AUDIO Sound, Integrated
  Digital Tuner, HDMI x3, PC input,
  Pedestal included

Panasonic

LXD80

VIErA **HD** ready V real³ V-AUDIO

VIErA Link HDMI™ SDHC digital V GUIDE plus+
HIGH DEFINITION MULTIMEDIA INTERFACE   Approved product   GEMSTAR

TX-32LXD8

VIERA 32 INCH (80 cm V Wide) HD-READY LCD TV

- IPS HD ready Panel
- Ultra Wide
  178° Viewing Angle
  Horizontally
- V-real 3 Technology
- 8,000:1 Contrast
- 2 x HDMI
- 24p Playback
- Additional features
  Enhanced VIERA Link,
  Ambience Sound, Integrated
  Digital Tuner, Pedestal included

TX-26LXD8

VIERA 26 INCH (66cm V Wide) HD-READY LCD TV

- HD Ready LCD Panel
- V-real 3 Technology
- 2 x HDMI
- 3D Colour Management
- 24p Playback
- Additional features
  Enhanced VIERA Link,
  Ambience Sound, Integrated
  Digital Tuner, Pedestal Included

LXD8

TX-19LXD8

VIERA 19 INCH (48cm V Wide) HD-READY LCD TV

- High Resolution
  HD Ready LCD Panel
  (1,680 x 1,050 pixels)
- Intelligent Scene Controller
- 5,000:1 Contrast
- SD Card Reader
  (HD Photo Viewer)
  with Slide Show Feature
- 2 x HDMI
- 24p Playback
- Smart Sound Bottom
  Speaker System
- Additional features
  Enhanced VIERA Link, Integrated
  Digital Tuner, PC Input, Headphone
  Socket, Pedestal Included

Plasma Television - Full HD Specifications

MODEL	TH-65PZ800B	TH-58PZ800B	TH-50PZ800B	TH-42PZ800B	TH-46PZ85B	TH-42PZ85B
TV TUNER						
Tuner Integrated	Y	Y	Y	Y	Y	Y
DVB Digital Tuner	Y	Y	Y	Y	Y	Y
Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
CATV Compatibility	UK	UK	UK	UK	UK	UK
Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)
Teletext Reception	2000P Level 2.5, FASTEXT/LIST	2000P Level 2.5, FASTEXT/LIST	2000P Level 2.5, FASTEXT/LIST	2000P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST
Receiving System	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB
Receiving System (AV input)	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC
DISPLAY						
Screen Size	65˝ (165 cm) diagonal	58˝ (147 cm) diagonal	50˝ (127 cm) diagonal	42˝ (106 cm) diagonal	46˝ (116 cm) diagonal	42˝ (106 cm) diagonal
Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide
Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel
Viewing Angle	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free
Response Speed	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)
Natural Vision Filter	Y (PRO)	Y (PRO)	Y (PRO)	Y (PRO)	Y	Y
Progressive Scan						
Number of Pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels
Colour System	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC
Applicable PC signals	SXGA	SXGA	SXGA	SXGA	SXGA	SXGA
Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
Contrast Ratio (in dark surroundings)	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1
Shades of Gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation
Intelligent Frame Creation	Y	Y	Y	Y	Y	Y
100 Hz Double Scan	Y	Y	Y	Y	Y	Y
24p Real Cinema	Y	Y	Y	Y	Y	Y
24p Playback	Y	Y	Y	Y	Y	Y
Digital Cinema Colour	Y	Y	Y	Y	—	—
Deep Colour (10-bit)	Y	Y	Y	Y	—	—
x.v.Colour	Y	Y	Y	Y	Y	Y
Digital Optimiser	Y	Y	Y	Y	Y	Y
3D Colour Management	Y	Y	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y	Y	Y
Picture Overscan	Y	Y	Y	Y	Y	Y
Motion Pattern Noise Reduction	Y	Y	Y	Y	Y	Y
C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y	Y	Y	Y
Video Noise Reduction	Y	Y	Y	Y	Y	Y
3D Comb Filter	Y	Y	Y	Y	Y	Y
Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco
SOUND						
Speaker System	Smart Sound Speaker System	Smart Sound Speaker System	Smart Sound Speaker System	Smart Sound Speaker System	—	—
Speakers	Woofer (80 mm round) x 2 (L, R); Tweeter (23 X 100 mm) x 2 (L, R)	Woofer (80 mm round) x 2 (L, R); Tweeter (23 X 100 mm) x 2 (L, R)	Woofer (80 mm round) x 2 (L, R); Tweeter (23 X 100 mm) x 2 (L, R)	Woofer (80 mm round) x 2 (L, R); Tweeter (23 X 100 mm) x 2 (L, R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)
Audio Output	31 W ([13W + 2.5W] x 2), 10% THD	31 W ([13W + 2.5W] x 2), 10% THD	31 W ([13W + 2.5W] x 2), 10% THD	31 W ([13W + 2.5W] x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
Sound Mode	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech
V-Audio	V-Audio Surround	V-Audio Surround	V-Audio Surround	V-Audio Surround	V-Audio Surround	V-Audio Surround
SRS TruSurround XT	Y	Y	Y	Y	—	—
BBE ViVA HD3D Sound	—	—	—	—	Y	Y
Dolby Digital	Y	Y	Y	Y	Y	Y
Ambience	Y	Y	Y	Y	Y	Y
TERMINALS						
CI (Common Interface)*	Y	Y	Y	Y	Y	Y
SD Memory Card Slot (SDHC Compatible)	Y (AVCHD playback)	Y (AVCHD playback)	Y (AVCHD playback)	Y (AVCHD playback)	Y	Y
HDMI Input	4 (1 front, 3 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	4 (1 front, 3 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	4 (1 front, 3 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	4 (1 front, 3 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	3 (1 side, 2 rear) [ver. 1.3 with x.v.Colour]	3 (1 side, 2 rear) [ver. 1.3 with x.v.Colour]
Composite Video Input	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)
S-Video Input	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)
PC Input	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)
Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
Audio Input (for HDMI, PC, Component)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, side x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, side x 1 set)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
Monitor Out	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)
Audio Output	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 side)	Headphone jack (1 side)
Digital Audio Output	Y	Y	Y	Y	Y	Y
FEATURES						
EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
Screen Saver	Wobbling	Wobbling	Wobbling	Wobbling	Wobbling	Wobbling
Multi Window	PIP/PAP/PAT	PIP/PAP/PAT	PIP/PAP/PAT	PIP/PAP/PAT	PAT	PAT
Q-Link	Y	Y	Y	Y	Y	Y
Aspect Controls	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3
On-Screen Display Languages	English	English	English	English	English	v
Hold	Y	Y	Y	Y	Y	Y
Off Timer	Y	Y	Y	Y	15/30/45/60/75/90 min	15/30/45/60/75/90 min
Child Lock	Y	Y	Y	Y	Y	Y
Power Save Mode	Y	Y	Y	Y	Y	Y
GENERAL						
Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
Power Consumption (Rated)	700 W	635 W	495 W	385 W	470 W	385 W
(Assumptive Actual Use)**	566 Wh	485 Wh	450 Wh	324 Wh	387 Wh	324 Wh
(Standby)	0.4 W	0.4 W	0.4 W	0.4 W	0.4 W	0.4 W
Dimensions W/O stand (W x H x D)	1,599 x 993 x 109 mm	1,445 x 898 x 109 mm	1,267 x 794 x 104 mm	1,078 x 685 x 104 mm	1,168 x 737 x 93 mm (Depth 79 mm: exclusive of protruding portion)	1,064 x 674 x 92 mm (Depth 79 mm: exclusive of protruding portion)
Dimensions with stand (W x H x D)	1,599 x 1,052 x 416 mm	1,445 x 949 x 409 mm	1,267 x 847 x 387 mm	1,078 x 847 x 327 mm	1,168 x 792 x 387 mm	1,064 x 723 x 327 mm
Weight W/O stand	73 kg	59.0 kg	41 kg	32 kg	35 kg	30 kg
Weight with stand	90 kg	63.5 kg	46 kg	37 kg	39 kg	34 kg
Swivel Angle	—	±10°	±10°	±10°	±15°	±15°
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV   **Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home.

Plasma Television - Full HD Specifications

MODEL	TH-50PZ81B	TH-46PZ81B	TH-42PZ81B	TH-50PZ80B	TH-46PZ80B	TH-42PZ80B
TV TUNER						
Tuner Integrated	Y	Y	Y	Y	Y	Y
DVB Digital Tuner	Y [DVB/freesat]	Y [DVB/freesat]	Y [DVB/freesat]	Y	Y	Y
Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
CATV Compatibility	UK	UK	UK	UK	UK	UK
Broadcast Stereo Reception	NICAM [FM]	NICAM [FM]	NICAM [FM]	NICAM [FM]	NICAM [FM]	NICAM [FM]
Teletext Reception	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST	1500P Level 2.5, FASTEXT/LIST
Receiving System	PAL -I, DVB, freesat	PAL -I, DVB, freesat	PAL -I, DVB, freesat	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB
Receiving System (AV input)	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC
DISPLAY						
Screen Size	50″ [127 cm] diagonal	46″ [116 cm] diagonal	42″ [106 cm] diagonal	50″ [127 cm] diagonal	46″ [116 cm] diagonal	42″ [106 cm] diagonal
Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide
Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel
Viewing Angle	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free
Response Speed	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]	0.001 msec. [Time of discharge after the drive pulse signal of the panel is sent.]
Natural Vision Filter	Y	Y	Y	Y	Y	Y
Progressive Scan	Y	Y	Y	Y	Y	Y
Number of Pixels	2,073,600 [1,920 x 1,080] pixels	2,073,600 [1,920 x 1,080] pixels	2,073,600 [1,920 x 1,080] pixels	2,073,600 [1,920 x 1,080] pixels	2,073,600 [1,920 x 1,080] pixels	2,073,600 [1,920 x 1,080] pixels
Colour System	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC
Applicable PC signals	SXGA	SXGA	SXGA	SXGA	SXGA	SXGA
Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p,1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p,1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
Contrast Ratio (in dark surroundings)	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1	Native: 30,000:1; Dynamic: 1,000,000:1
Shades of Gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation	5,120 equivalent steps of gradation
Intelligent Frame Creation	Y	Y	Y	Y	Y	Y
100 Hz Double Scan	Y	Y	Y	Y	Y	—
24p Real Cinema	Y	Y	Y	—	—	—
24p Playback	Y	Y	Y	Y	Y	Y
Digital Cinema Colour	—	—	—	—	—	—
Deep Colour (10-bit)	Y	Y	Y	—	—	—
x.v.Colour	Y	Y	Y	Y	Y	Y
Digital Optimiser	Y	Y	Y	Y	Y	Y
3D Colour Management	Y	Y	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y	Y	Y
Picture Overscan	Y	Y	Y	Y	Y	Y
Motion Pattern Noise Reduction	Y	Y	Y	Y	Y	Y
C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y	Y	Y	Y
Video Noise Reduction	Y	Y	Y	Y	Y	Y
3D Comb Filter	Y	Y	Y	Y	Y	Y
Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco
SOUND						
Speaker System	—	—	—	—	—	—
Speakers	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)
Audio Output	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
Sound Mode	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech
V-Audio	Y	Y	Y	Y	Y	Y
SRS TruSurround XT	—	—	—	—	—	—
BBE ViVA HD3D Sound	—	—	—	—	—	—
Dolby Digital	Y	Y	Y	—	—	Y
Ambience	Y	Y	Y	Y	Y	Y
TERMINALS						
CI (Common Interface)*	Y	Y	Y	Y	Y	Y
SD Memory Card Slot (SDHC Compatible)	Y (AVCHD playback)	Y (AVCHD playback)	Y (AVCHD playback)	Y	Y	Y
HDMI Input	3 (1 front, 2 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	3 (1 front, 2 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	3 (1 front, 2 rear) [ver. 1.3 with Deep Colour & x.v.Colour]	3 (1 front, 2 rear) [ver. 1.3 with x.v.Colour]	3 (1 front, 2 rear) [ver. 1.3 with x.v.Colour]	3 (1 front, 2 rear) [ver. 1.3 with x.v.Colour]
Composite Video Input	AV3: RCA phono type x 1 [front]	AV3: RCA phono type x 1 [front]	AV3: RCA phono type x 1 [front]	AV3: RCA phono type x 1 [front]	AV3: RCA phono type x 1 [front]	AV3: RCA phono type x 1 [front]
S-Video Input	AV3: Mini DIN 4-pin [front]	AV3: Mini DIN 4-pin [front]	AV3: Mini DIN 4-pin [front]	AV3: Mini DIN 4-pin [front]	AV3: Mini DIN 4-pin [front]	AV3: Mini DIN 4-pin [front]
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)
PC Input	Mini D-sub 15-pin x 1 [rear]	Mini D-sub 15-pin x 1 [rear]	Mini D-sub 15-pin x 1 [rear]	Mini D-sub 15-pin x 1 [rear]	Mini D-sub 15-pin x 1 [rear]	Mini D-sub 15-pin x 1 [rear]
Component Video Input	RCA phono type x 3 [Y , PB, PR] [rear]	RCA phono type x 3 [Y , PB, PR] [rear]	RCA phono type x 3 [Y , PB, PR] [rear]	RCA phono type x 3 [Y , PB, PR] [rear]	RCA phono type x 3 [Y , PB, PR] [rear]	RCA phono type x 3 [Y , PB, PR] [rear]
Audio Input (for HDMI, PC, Component)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)	RCA phono type connectors (L, R) x 2 sets (rear x 1 set, front x 1 set)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link [rear] AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
Monitor Out	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)
Audio Output	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)
Digital Audio Output	Y	Y	Y	—	—	—
FEATURES						
EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
Screen Saver	Wobbling	Wobbling	Wobbling	Wobbling	Wobbling	Wobbling
Multi Window	PIP/PAP/PAT	PIP/PAP/PAT	PIP/PAP/PAT	PAT	PAT	PAT
Q-Link	Y	Y	Y	Y	Y	Y
Aspect Controls	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3
On-Screen Display Languages	English	English	English	English	English	English
Hold	Y	Y	Y	Y	Y	Y
Off Timer	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min
Child Lock	Y	Y	Y	Y	Y	Y
Power Save Mode	Y	Y	Y	Y	Y	Y
GENERAL						
Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
Power Consumption (Rated)	TBC	TBC	TBC	495 W	470 W	385 W
(Assumptive Actual Use)**	TBC	TBC	TBC	450 Wh	387 Wh	324 Wh
(Standby)	TBC	TBC	TBC	0.4 W	0.4 W	0.4 W
Dimensions W/O stand (W x H x D)	1,244 x 790 x 110 mm	1,158 x 747 x 110 mm	1,048 x 679 x 110 mm	1,244 x 790 x 99.7 mm	1,158 x 747 x 99.7 mm	1,048 x 679 x 99.7 mm
Dimensions with stand (W x H x D)	1,244 x 844 x 387 mm	1,158 x 800 x 387 mm	1,048 x 727 x 327 mm	1,244 x 844 x 387 mm	1,158 x 800 x 387 mm	1,048 x 727 x 327 mm
Weight W/O stand	38 kg	35 kg	30 kg	38 kg	35 kg	30 kg
Weight with stand	43 kg	40 kg	34 kg	43 kg	40 kg	34 kg
Swivel Angle	±10°	±10°	±15°	±10°	±10°	±15°
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C

Plasma Television - HD Ready Specifications

MODEL	TH-46PZ8B	TH-42PZ8B	TH-42PX80B	TH-37PX80B	TH-50PX8B
TV TUNER					
Tuner Integrated	Y	Y	Y	Y	Y
DVB Digital Tuner	Y	Y	Y	Y	Y
Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
CATV Compatibility	UK	UK	UK	UK	UK
Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)
Teletext Reception	500P Level 2.5, FASTEXT/LIST	500P Level 2.5, FASTEXT/LIST	1000P Level 2.5, FASTEXT/LIST	1000P Level 2.5, FASTEXT/LIST	500P Level 2.5, FASTEXT/LIST
Receiving System	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB
Receiving System (AV input)	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC
DISPLAY					
Screen Size	46˝ (116 cm) diagonal	42˝ (106 cm) diagonal	42˝ (106 cm) diagonal	37˝ (94 cm) diagonal	50˝ (127 cm) diagonal
Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide
Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive Full-HD Plasma Display Panel	G11 Progressive HD Plasma Display Panel	G11 Progressive HD Plasma Display Panel	G11 Progressive HD Plasma Display Panel
Viewing Angle	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free	Viewing Angle Free
Response Speed	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)
Natural Vision Filter	–	–	Y	Y	–
Progressive Scan	Y	Y	Y	Y	Y
Number of Pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	786,432 (1,024 x 768) pixels	737,280 (1,024 x 720) pixels	1,049,088 (1,366 x 768) pixels
Colour System	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC
Applicable PC signals	–	–	SVGA (XGA compressed)	SVGA (XGA compressed)	–
Applicable Scanning Format	525 (480/60i, 525 (480/60p, 625 (576/50i, 625 (576/50p, 750 (720/50p, 750 (720/60p, 1125 (1080/50i, 1125 (1080/60i, 1125 (1080/24p (HDMI only), 1125 (1080/50p (HDMI only), 1125 (1080/60p (HDMI only)	525 (480/60i, 525 (480/60p, 625 (576/50i, 625 (576/50p, 750 (720/50p, 750 (720/60p, 1125 (1080/50i, 1125 (1080/60i, 1125 (1080/24p (HDMI only), 1125 (1080/50p (HDMI only), 1125 (1080/60p (HDMI only)	525 (480/60i, 525 (480/60p, 625 (576/50i, 625 (576/50p, 750 (720/50p, 750 (720/60p, 1125 (1080/50i, 1125 (1080/60i, 1125 (1080/24p (HDMI only), 1125 (1080/50p (HDMI only), 1125 (1080/60p (HDMI only)	525 (480/60i, 525 (480/60p, 625 (576/50i, 625 (576/50p, 750 (720/50p, 750 (720/60p, 1125 (1080/50i, 1125 (1080/60i, 1125 (1080/24p (HDMI only), 1125 (1080/50p (HDMI only), 1125 (1080/60p (HDMI only)	525 (480/60i, 525 (480/60p, 625 (576/50i, 625 (576/50p, 750 (720/50p, 750 (720/60p, 1125 (1080/50i, 1125 (1080/60i, 1125 (1080/24p (HDMI only), 1125 (1080/50p (HDMI only), 1125 (1080/60p (HDMI only)
Contrast Ratio (in dark surroundings)	Native: 20,000:1	Native: 20,000:1	Native: 15,000:1	Native: 15,000:1	Native: 10,000:1
Shades of Gradation	4,096 equivalent steps of gradation	4,096 equivalent steps of gradation	4,096 equivalent steps of gradation	4,096 equivalent steps of gradation	3,072 equivalent steps of gradation
Intelligent Frame Creation	–	–	–	–	–
100 Hz Double Scan	Y	Y	Y	Y	Y
24p Real Cinema	–	–	–	–	–
24p Playback	Y	Y	Y	Y	Y
Digital Cinema Colour	–	–	–	–	–
Deep Colour (10-bit)	–	–	–	–	–
x.v.Colour	–	–	–	–	–
Digital Optimiser	Y	Y	Y	Y	Y
3D Colour Management	Y	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y	Y
Picture Overscan	Y	Y	Y	Y	Y
Motion Pattern Noise Reduction	Y	Y	Y	Y	Y
C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y	Y	Y
Video Noise Reduction	Y	Y	Y	Y	Y
3D Comb Filter	Y	Y	Y	Y	Y
Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema
SOUND					
Speaker System					
Speakers	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)
Audio Output	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
Sound Mode	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech
V-Audio	–	–	Y	Y	–
SRS TruSurround XT	–	–	–	–	–
BBE ViVA HD3D Sound	–	–	–	–	–
Dolby Digital	–	–	–	–	–
Ambience	Y	Y	Y	Y	Y
CI (Common Interface)*	Y	Y	Y	Y	Y
SD Memory Card Slot (SDHC Compatible)	–	–	Y	Y	–
TERMINALS					
HDMI Input	2 (rear)	2 (rear)	3 (rear)	3 (rear)	2 (rear)
Composite Video Input	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)
S-Video Input	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)
PC Input	–	–	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	–
Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
Audio Input (for HDMI, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
Monitor Out	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)
Audio Output	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)	Headphone jack (1 front)
Digital Audio Output	–	–	–	–	–
FEATURES					
EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
Screen Saver	Wobbling	Wobbling	Wobbling	Wobbling	Wobbling
Multi Window	PAT	PAT	PAT	PAT	PAT
Q-Link	Y	Y	Y	Y	Y
Aspect Controls	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3
On-Screen Display Languages	English	English	English	English	English
Hold	Y	Y	Y	Y	Y
Off Timer	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min	15/30/45/60/75/90 min
Child Lock	Y	Y	Y	Y	Y
Power Save Mode	Y	Y	Y	Y	Y
GENERAL					
Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
Power Consumption (Rated)	470 W	385 W	255 W	235 W	355 W
(Assumptive Actual Use)**	387 Wh	324 Wh	215 Wh	189 Wh	298 Wh
(Standby)	0.4 W	0.4 W	0.7 W	0.7 W	0.5 W
Dimensions W/O stand (W x H x D)	1,158 x 747 x 95 mm	1,048 x 679 x 95 mm	1,020 x 679 x 95 mm	917 x 616.5 x 95 mm	1,210 x 790.5 x 92.5 mm
Dimensions with stand (W x H x D)	1,158 x 800 x 387 mm	1,048 x 727 x 327 mm	1,020 x 727 x 327 mm	917 x 665 x 327 mm	1,210 x 844 x 387 mm
Weight W/O stand	35 kg	30 kg	26 kg	22.5 kg	35 kg
Weight with stand	37 kg	32 kg	28 kg	24.5 kg	37 kg
Swivel Angle	–	–	–	–	–
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV   **Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home.

Plasma Television - HD Ready Specifications

	MODEL	TH-42PX8B	TH-37PX8B
TV TUNER	Tuner Integrated	Y	Y
	DVB Digital Tuner	Y	Y
	Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
	CATV Compatibility	UK	UK
	Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)
	Teletext Reception	500P Level 2.5, FASTEXT/LIST	500P Level 2.5, FASTEXT/LIST
	Receiving System	PAL -I, DVB	PAL -I, DVB
	Receiving System (AV input)	PAL-525/60, SECAM, NTSC, M-NTSC	PAL-525/60, SECAM, NTSC, M-NTSC
DISPLAY	Screen Size	42˝ (106 cm) diagonal	37˝ (94 cm) diagonal
	Screen Aspect	16 : 9 Wide	16 : 9 Wide
	Panel	G11 Progressive HD Plasma Display Panel	G11 Progressive HD Plasma Display Panel
	Viewing Angle	Viewing Angle Free	Viewing Angle Free
	Response Speed	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)
	Natural Vision Filter	–	–
	Progressive Scan	Y	Y
	Number of Pixels	786,432 (1,024 x 768) pixels	737,280 (1,024 x 720) pixels
	Colour System	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC	NTSC/PAL/PAL 60Hz/SECAM/M-NTSC
	Applicable PC signals		
	Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
	Contrast Ratio (in dark surroundings)	Native: 10,000:1	Native: 10,000:1
	Shades of Gradation	3,072 equivalent steps of gradation	3,072 equivalent steps of gradation
	Intelligent Frame Creation		
	100 Hz Double Scan	Y	Y
	24p Real Cinema	–	–
	24p Playback	Y	Y
	Digital Cinema Colour	–	–
	Deep Colour (10-bit)	–	–
	x.v.Colour	–	–
	Digital Optimiser	Y	Y
	3D Colour Management	Y	Y
	Sub Pixel Control	Y	Y
	Picture Overscan	Y	Y
	Motion Pattern Noise Reduction	Y	Y
	C.A.T.S. (Contrast Automatic Tracking System)	–	–
	Video Noise Reduction	Y	Y
	3D Comb Filter	Y	Y
	Picture Mode	Dynamic/Normal/Cinema	Dynamic/Normal/Cinema
SOUND	Speaker System		
	Speakers	Full-Range (160 x 42 mm) x 2 (L,R)	Full-Range (160 x 42 mm) x 2 (L,R)
	Audio Output	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
	Sound Mode	Music/Speech	Music/Speech
	V-Audio	–	–
	SRS TruSurround XT	–	–
	BBE ViVA HD3D Sound	–	–
	Dolby Digital	–	–
	Ambience	Y	Y
TERMINALS	CI (Common Interface)*	Y	Y
	SD Memory Card Slot (SDHC Compatible)	–	–
	HDMI Input	2 (rear)	2 (rear)
	Composite Video Input	AV3: RCA phono type x 1 (front)	AV3: RCA phono type x 1 (front)
	S-Video Input	AV3: Mini DIN 4-pin (front)	AV3: Mini DIN 4-pin (front)
	Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, front)	AV3: RCA phono type connectors (L, R) (1 set, front)
	PC Input		
	Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
	Audio Input (for HDMI, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)
	21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
	Monitor Out	RCA phono type connectors (L, R) (1 set rear)	RCA phono type connectors (L, R) (1 set rear)
	Audio Output	Headphone jack (1 front)	Headphone jack (1 front)
	Digital Audio Output		
FEATURES	EPG	Y (Gemstar EPG)	Y (Gemstar EPG)
	VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)
	Screen Saver	Wobbling	Wobbling
	Multi Window	PAT	PAT
	Q-Link	Y	Y
	Aspect Controls	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3	Auto/16:9/14:9/Just/4:3/Zoom1/Zoom2/Zoom3
	On-Screen Display Languages	English	English
	Hold	Y	Y
	Off Timer	15/30/45/60/75/90 min	15/30/45/60/75/90 min
	Child Lock	Y	Y
	Power Save Mode	Y	Y
GENERAL	Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
	Power Consumption (Rated)	255 W	235 W
	(Assumptive Actual Use)**	215 Wh	189 Wh
	(Standby)	0.7 W	0.7 W
	Dimensions W/O stand (W x H x D)	1,020 x 679 x 92.5 mm	917 x 616.5 x 92.5 mm
	Dimensions with stand (W x H x D)	1,020 x 727 x 327 mm	917 x 665 x 327 mm
	Weight W/O stand	25.5 kg	22 kg
	Weight with stand	27.5 kg	24 kg
	Swivel Angle	–	–
	Operating Temperature	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV
**Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home.

LCD Television - Full HD Specifications

	MODEL	TX-37LZD800	TX-37LZD85	TX-32LZD85
TV TUNER	Tuner Integrated	Y	Y	Y
	DVB Digital Tuner	Y	Y	Y
	Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
	CATV Compatibility	UK	UK	UK
	Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)	NICAM (FM)
	Teletext Reception	2000P TOP/FASTEXT Level 2.5	1500P TOP/FASTEXT Level 2.5	1500P TOP/FASTEXT Level 2.5
	Receiving System	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB
	Receiving System (AV input)	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC
DISPLAY	Screen Size	37˝ (94 cm) diagonal	37˝ (94 cm) diagonal	32˝ (80 cm) diagonal
	Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide
	Panel	IPS-alpha Full-HD LCD Panel	IPS-alpha Full-HD LCD Panel	IPS-alpha Full-HD LCD Panel
	Clear Panel	Y		
	Viewing Angle	178 degree	178 degree	178 degree
	Contrast (Dynamic)	10,000:1	10,000:1	10,000:1
	Progressive Scan	Y	Y	Y
	Number of Pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels
	Applicable PC signals	XGA (SXGA compressed)	XGA (SXGA compressed)	XGA (SXGA compressed)
	Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
	100 Hz Motion Picture Pro	Y (Motion Picture Pro2)	Y (Motion Picture Pro2)	Y (Motion Picture Pro2)
	Motion Focus Technology			
	Intelligent Scene Controller	Y	Y	Y
	24p Film	Y	Y	Y
	24p Playback	Y	Y	Y
	x.v.Colour	Y (Automatic change)	Y (Automatic change)	Y (Automatic change)
	3D Colour Management	Y	Y	Y
	Sub Pixel Control	Y	Y	Y
	Picture Overcan	Y	Y	Y
	C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y
	Video Noise Reduction	Y	Y	Y
	3D Comb Filter	Y	Y	Y
	Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco
SOUND	Speaker System	Side Speaker (Smart Sound Speaker System)	Bottom Speaker	Bottom Speaker
	Speakers	Woofer (120 x 60 mm) x 2; Tweeter (23 x 100 mm) x 2	1-way, 2-speakers	1-way, 2-speakers
	Audio Output	20 W [(2.5 W + 7.5 W) x 2], 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
	Sound Mode	Music/Speech	Music/Speech	Music/Speech
	V-Audio	V-Audio Surround	V-Audio Surround	V-Audio Surround
	SRS TruSurround XT	Y	Y	Y
	BBE ViVA HD3D Sound	–	Y	Y
	Dolby Digital	–	–	–
	Ambience	Y	Y	Y
TERMINALS	CI (Common Interface)*	Y	Y	Y
	SD Memory Card Slot (SDHC Compatible)	Y	Y	Y
	HDMI Input	4 (3 rear, 1 side)	3 (2 rear, 1 side)	3 (2 rear, 1 side)
	Composite Video Input	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)
	S-Video Input	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)
	Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)
	PC Input	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)
	Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
	Audio Input (HDMI1, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)
	21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
	Audio Output	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)
	Digital Audio Output	Y	Y	Y
FEATURES	EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
	VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
	Multi Window	PIP/PAP/PAT	PAT	PAT
	Q-Link	Y	Y	Y
	Aspect Controls	Auto aspect/16:9/14:9/JUST/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3
	On-Screen Display Languages	English	English	English
	Hold	Y	Y	Y
	Off Timer	Y	Y	Y
	Child Lock	Y	Y	Y
GENERAL	Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
	Power Consumption (Rated)	200 W	197 W	154 W
	(Assumptive Actual Use)**	160 W	158 W	125 W
	(Standby)	0.3 W	0.3 W	0.3 W
	Dimensions (W x H x D) (with TV stand)	961 x 655 x 295 mm	943 x 648 x 295 mm	831 x 579 x 225 mm
	Dimensions (W x H x D) (w/o TV stand)	961 x 613 x 107 mm	943 x 606 x 108 mm	831 x 538 x103 mm
	Weight (with TV stand)	23.5 kg	23.0 kg	18.0 kg
	Swivel Angle	±15°	±15°	±15°
	Tilt Angle	–	–	–
	VESA Standard	Y	Y	Y
	Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV   **Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home.

LCD Television - Full HD Specifications

MODEL	TX-37LZD81	TX-32LZD81	TX-37LZD80	TX-32LZD80
TV TUNER				
Tuner Integrated	Y	Y	Y	Y
DVB Digital Tuner	Y [DVB/FreeSat]	Y [DVB/FreeSat]	Y	Y
Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
CATV Compatibility	UK	UK	UK	UK
Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)
Teletext Reception	1500P TOP/FASTEXT Level 2.5	1500P TOP/FASTEXT Level 2.5	1500P TOP/FASTEXT Level 2.5	1500P TOP/FASTEXT Level 2.5
Receiving System	PAL -I, DVB, FreeSat	PAL -I, DVB, FreeSat	PAL -I, DVB	PAL -I, DVB
Receiving System (AV input)	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC
DISPLAY				
Screen Size	37″ (94 cm) diagonal	32″ (80 cm) diagonal	37″ (94 cm) diagonal	32″ (80 cm) diagonal
Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide
Panel	IPS-alpha Full-HD LCD Panel	IPS-alpha Full-HD LCD Panel	IPS-alpha Full-HD LCD Panel	IPS-alpha Full-HD LCD Panel
Clear Panel	–	–	–	–
Viewing Angle	178 degree	178 degree	178 degree	178 degree
Contrast (Dynamic)	10,000:1	10,000:1	10,000:1	10,000:1
Progressive Scan	Y	Y	Y	Y
Number of Pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels
Applicable PC signals	XGA (SXGA compressed)	XGA (SXGA compressed)	XGA (SXGA compressed)	XGA (SXGA compressed)
Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
100 Hz Motion Picture Pro	–	–	–	–
Motion Focus Technology	–	–	–	–
Intelligent Scene Controller	Y	Y	Y	Y
24p Film	–	–	–	–
24p Playback	Y	Y	Y	Y
x.v.Colour	Y (Automatic change)	Y (Automatic change)	Y (Automatic change)	Y (Automatic change)
3D Colour Management	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y
Picture Overcan	Y	Y	Y	Y
C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y	Y
Video Noise Reduction	Y	Y	Y	Y
3D Comb Filter	Y	Y	Y	Y
Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco
SOUND				
Speaker System	Bottom Speaker	Bottom Speaker	Bottom Speaker	Bottom Speaker
Speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers
Audio Output	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD
Sound Mode	Music/Speech	Music/Speech	Music/Speech	Music/Speech
V-Audio	V-Audio Surround	V-Audio Surround	V-Audio Surround	V-Audio Surround
SRS TruSurround XT	–	–	–	–
BBE ViVA HD3D Sound	Y	Y	Y	Y
Dolby Digital	–	–	–	–
Ambience	Y	Y	Y	Y
TERMINALS				
CI (Common Interface)*	Y	Y	Y	Y
SD Memory Card Slot (SDHC Compatible)	Y	Y	Y	Y
HDMI Input	3 (2 rear, 1 side)	3 (2 rear, 1 side)	3 (2 rear, 1 side)	3 (2 rear, 1 side)
Composite Video Input	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)
S-Video Input	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)
PC Input	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)
Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
Audio Input (HDMI1, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
Audio Output	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)
Digital Audio Output	Y	Y	Y	Y
FEATURES				
EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
Multi Window	PAT	PAT	PAT	PAT
Q-Link	Y	Y	Y	Y
Aspect Controls	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/Zoom1/Zoom2/Zoom3
On-Screen Display Languages	English	English	English	English
Hold	Y	Y	Y	Y
Off Timer	Y	Y	Y	Y
Child Lock	Y	Y	Y	Y
GENERAL				
Power Supply	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz	AC 220 - 240 V, 50/60Hz
Power Consumption (Rated)	190 W	150 W	190 W	150 W
(Assumptive Actual Use)**	150 W	120 W	150 W	120 W
(Standby)	0.3 W	0.3 W	0.3 W	0.3 W
Dimensions (W x H x D) (with TV stand)	943 x 648 x 295 mm	831 x 579 x 225 mm	943 x 648 x 295 mm	831 x 579 x 225 mm
Dimensions (W x H x D) (w/o TV stand)	943 x 606 x 108 mm	831 x 538 x 103 mm	943 x 606 x 108 mm	831 x 538 x 103 mm
Weight (with TV stand)	22.5 kg	18.0 kg	22.5 kg	18.0 kg
Swivel Angle	±15°	±15°	±15°	±15°
Tilt Angle	–	–	–	–
VESA Standard	Y	Y	Y	Y
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV   **Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home. FREESAT and the FREESAT logo are trade marks of Freesat (UK) Ltd and are used under licence.

LCD Television - HD Ready Specifications

MODEL	TX-32LXD85	TX-32LXD80	TX-26LXD80	TX-32LXD8	TX-26LXD8	TX-19LXD8
TV TUNER Tuner Integrated	Y	Y	Y	Y	Y	Y
DVB Digital Tuner	Y	Y	Y	Y	Y	Y
Tuning System	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner	PLL synthesizer 100-position auto-search tuner
CATV Compatibility	UK	UK	UK	UK	UK	UK
Broadcast Stereo Reception	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)	NICAM (FM)
Teletext Reception	1000P TOP/FASTEXT Level 2.5	1000P TOP/FASTEXT Level 2.5	1000P TOP/FASTEXT Level 2.5	1000P TOP/FASTEXT Level 2.5	1000P TOP/FASTEXT Level 2.5	1000P TOP/FASTEXT Level 2.5
Receiving System	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB	PAL -I, DVB
Receiving System (AV input)	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC	PAL-60, NTSC, M-NTSC
DISPLAY Screen Size	32˝ (80 cm) diagonal	32˝ (80 cm) diagonal	26˝ (66 cm) diagonal	32˝ (80 cm) diagonal	26˝ (66 cm) diagonal	19˝ (48 cm) diagonal
Screen Aspect	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 9 Wide	16 : 10 Wide
Panel	IPS-alpha (WXGA) LCD Panel	IPS (WXGA) LCD Panel	WXGA LCD Panel	IPS (WXGA) LCD Panel	WXGA LCD Panel	TN Panel
Clear Panel	–	–	–	–	–	–
Viewing Angle	178 degree	178 degree	160 degree (Horizontal), 150 degree (Vertical)	178 degree	160 degree (Horizontal), 150 degree (Vertical)	170 degree (Horizontal), 160 degree (Vertical)
Contrast (Dynamic)	10,000:1	8,000:1	8,000:1	8,000:1	8,000:1	4,000:1 (TBC)
Progressive Scan	Y	Y	Y	Y	Y	Y
Number of Pixels	1,049,088 (1,366 x 768) pixels	1,049,088 (1,366 x 768) pixels	1,049,088 (1,366 x 768) pixels	1,049,088 (1,366 x 768) pixels	1,049,088 (1,366 x 768) pixels	1,764,000 (1,680 x 1,050) pixels
Applicable PC signals	XGA (SXGA compressed)	XGA (SXGA compressed)	XGA (SXGA compressed)			
Applicable Scanning Format	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p, 750 (720)/50p, 750 (720)/60p, 1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
100 Hz Motion Picture Pro	Y	–	–	–	–	–
Motion Focus Technology	–	–	–	–	–	–
Intelligent Scene Controller	Y	–	–	–	–	Y
24p Film	–	–	–	–	–	–
24p Playback	Y	Y	Y	Y	Y	Y
x.v.Colour	–	–	–	–	–	–
3D Colour Management	Y	Y	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y	Y	Y
Picture Overcan	Y	Y	Y	Y	Y	Y
C.A.T.S. (Contrast Automatic Tracking System)	Y	Y	Y	Y	Y	Y
Video Noise Reduction	Y	Y	Y	Y	Y	Y
3D Comb Filter	Y	Y	Y	Y	Y	Y
Picture Mode	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco	Dynamic/Normal/Cinema/Eco
SOUND Speaker System	Bottom Speaker	Bottom Speaker	Bottom Speaker	Bottom Speaker	Bottom Speaker	Bottom Speaker
Speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers	1-way, 2-speakers
Audio Output	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	20 W (10 W x 2), 10% THD	6 W (3 W x 2), 10% THD
Sound Mode	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech	Music/Speech
V-Audio	Y	Y	Y	Y	Y	Y
SRS TruSurround XT	–	–	–	–	–	–
BBE ViVA HD3D Sound	–	–	–	–	–	–
Dolby Digital	–	–	–	–	–	–
Ambience	Y	Y	Y	Y	Y	Y
TERMINALS CI (Common Interface)*	Y	Y	Y	Y	Y	Y
SD Memory Card Slot (SDHC Compatible)	Y	Y	Y			Y
HDMI Input	3 (2 rear, 1 side)	3 (2 rear, 1 side)	3 (2 rear, 1 side)	2 (rear)	2 (rear)	2 (rear)
Composite Video Input	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV3: RCA phono type x 1 (side)	AV2: RCA phono type x 1 (side)
S-Video Input	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	AV3: Mini DIN 4-pin (side)	–
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV3: RCA phono type connectors (L, R) (1 set, side)	AV2: RCA phono type connectors (L, R) (1 set, side)
PC Input	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)			
Component Video Input	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)	RCA phono type x 3 (Y , PB, PR) (rear)
Audio Input (HDMI1, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)	RCA phono type connectors (L, R) (1 set, rear)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)	AV1: AV In/Out, S-Video In, RGB In, Q-Link (rear)
Audio Output	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)	RCA phono type connectors (L, R) (1 set, rear), Headphone jack (1, side)
Digital Audio Output	–	–	–	–	–	–
FEATURES EPG	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)	Y (Gemstar EPG)
VIERA Link	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)	Y (HDAVI Control 3)
Multi Window	PAT	PAT	PAT	PAT	PAT	PAT
Q-Link	Y	Y	Y	Y	Y	Y
Aspect Controls	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3	Auto aspect/16:9/14:9/4:3/4:3 FULL (HD signal only)/ Zoom1/Zoom2/Zoom3
On-Screen Display Languages	English	English	English	English	English	English
Hold	Y	Y	Y	Y	Y	Y
Off Timer	Y	Y	Y	Y	Y	Y
Child Lock	Y	Y	Y	Y	Y	Y
GENERAL Power Supply	AC 220 - 240 V, 50 Hz	AC 220 - 240 V, 50 Hz	AC 220 - 240 V, 50 Hz	AC 220 - 240 V, 50 Hz	AC 220 - 240 V, 50 Hz	AC 220 - 240 V, 50/60Hz
Power Consumption (Rated)	140 W	130 W	98 W	130 W	98 W	57 W
(Assumptive Actual Use)**	140 W	130 W	98 W	130 W	98 W	47 W (TBC)
(Standby)	0.4 W	1 W	1 W	1 W	1 W	0.5 W
Dimensions (W x H x D) (with TV stand)	820 x 572 x 250 mm	820 x 572 x 250 mm	700 x 489 x 204 mm	820 x 572 x 250 mm	700 x 489 x 204 mm	514 x 401 x 197 mm
Dimensions (W x H x D) (w/o TV stand)	820 x 534 x 119 mm	820 x 534 x 110 mm	700 x 452 x 110 mm	820 x 534 x 107.5 mm	700 x 452 x 107.5 mm	514 x 368 x 85 mm
Weight (with TV stand)	17 kg	17 kg	15 kg	17 kg	15 kg	7.5 kg
Swivel Angle	±15°	–	–	–	–	–
Tilt Angle	–	–	–	–	–	Y
VESA Standard	–	–	–	Y	–	Y
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C	0°C - 35°C

* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV   **Assumptive Actual Use Power Consumption is measured by an original method which is based on the usual TV watching conditions at home.

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