

Television Range 07/08



HITACHI
Inspire the Next

Truly Advanced Viewing

In 1956 we manufactured the F-100, Hitachi's first television.

Since then and throughout the past half century Hitachi has been bringing consumers across the world immeasurable enjoyment by providing the ultimate image technology and the best TV pictures.

Hitachi is not only a manufacturer of televisions but also an innovator in television technology. This spirit of innovation has driven us to create unique and original solutions including the ALIS Plasma panel, IPS Alpha LCD panel and image processors. Hitachi continues to invest heavily in proprietary manufacturing of these cutting edge High Definition devices with new factories opening in 2006 and beyond to supply the growing world market for flat panel televisions.

Although we are a leading global company, Hitachi is swift to respond to the needs of local markets. Australia is at the forefront of High Definition digital television and in 2007 Hitachi offers a range of HD Plasma and LCD televisions with integrated High Definition tuners designed to Australian specifications.

The future vision of Hitachi is to continue pushing the boundaries of High Definition image technology – "Inspire the Next".

From the Past into the Future

50 Years of HITACHI TVs



Over 50 years of research and development;
no wonder our visual technology is so advanced

■ Full HD LCD?



or Full HD Plasma?

What's the Difference?

Plasma and LCD may look similar but their flat screen and thin profile is where the similarities end. The main difference between the two types of screens is the technology that powers their images. To produce an image Plasma uses tiny gas cells that are powered by precise electrical charges to produce the picture. LCD screens use a backlight which passes through tiny liquid crystal dots which are turned either opaque or clear to create the image.

Picture Quality

Plasma and LCD both produce excellent picture quality and all Hitachi models are High Definition capable. When choosing between Plasma and LCD a good starting point is to consider what type of viewing you will want to do most. As Plasma emits light only when the gas cells are activated it can produce deep contrast with bright whites and pitch blacks. This contrast level is ideal for watching movies in a home cinema environment where the room lighting is low. Plasma cells are also very fast to switch on and off. This speed makes Plasma an excellent choice for viewing fast moving content such as sports because the image motion is very smooth and natural.

LCD panels are available in smaller sizes than Plasma so it's easy to find a screen that suits your room or application. LCD generally looks at its best in brighter rooms and when



viewing bright content such as nature programs, news and documentaries. LCD is also an excellent choice for playing computer games, connecting to a PC or viewing still photos.

Power Consumption

Plasma displays only emit light where necessary, resulting in Plasmas being more economical for television viewing. In contrast, while many of the LCDs quote lower peak power ratings than similar sized Plasma displays, they

constantly keep a bright backlight on regardless of the image being displayed.

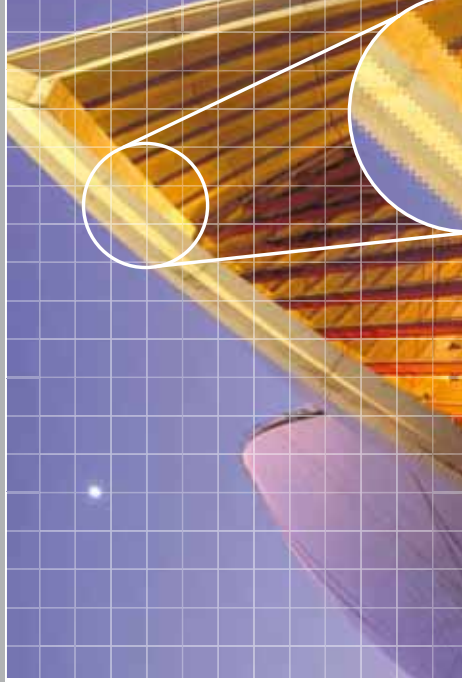
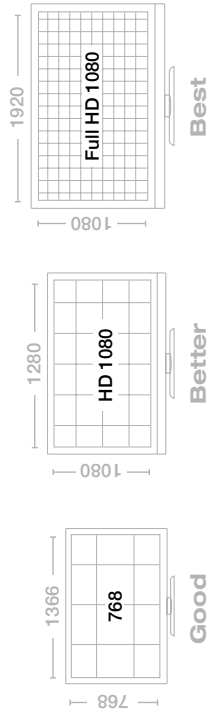
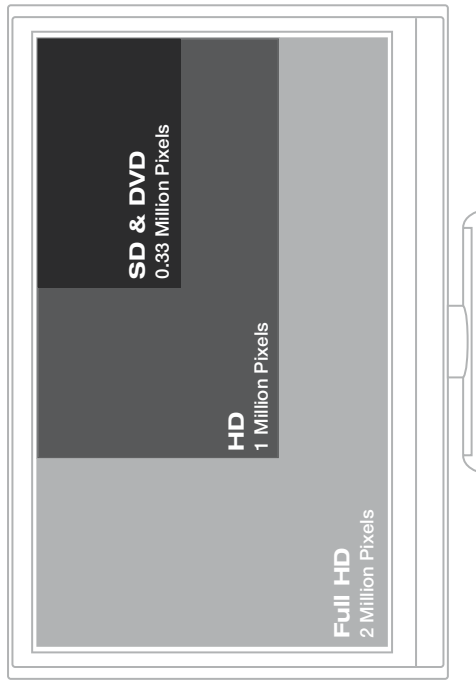
In reality the difference in power consumption between these two types of displays is nominal.

Try it for Yourself

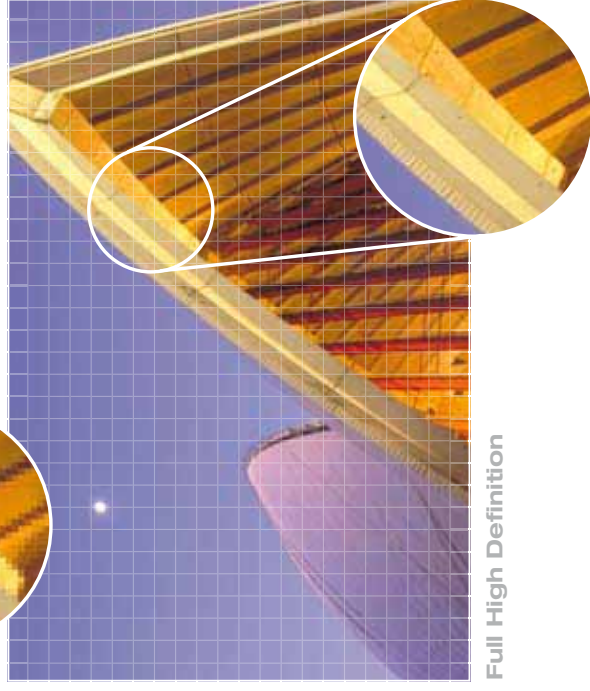
We suggest viewing the range of Hitachi LCD and Plasma televisions for yourself to see which picture quality you prefer.

What is Full HD?

Packing over two million pixels on the screen, Full HD is the ultimate High Definition experience. With twice the resolution of conventional HD video, Full HD makes the most of large screen Plasma and LCD TVs delivering smooth life like images right down to the minutest detail. Full HD movies and video games are available on Blu Ray disc and the list of titles is growing all the time.



High Definition (HD)



Full High Definition

The Picture Master Advantage



The Hitachi Picture Master processor incorporates a range of advanced proprietary technologies to enhance picture quality and faithfully reproduce all the details of the original image. Every Hitachi plasma and LCD television model contains a Picture Master processor that has been specifically designed to meet the specifications of the panel, so the best possible image results on all types of content.

Core Picture Master Technologies

1080p Image Engine

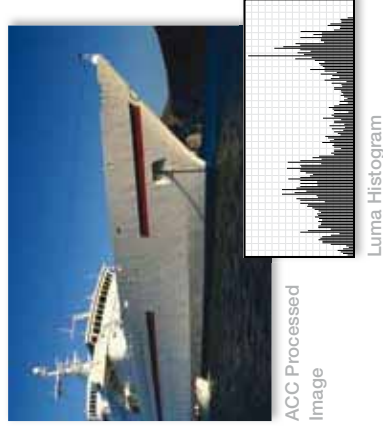
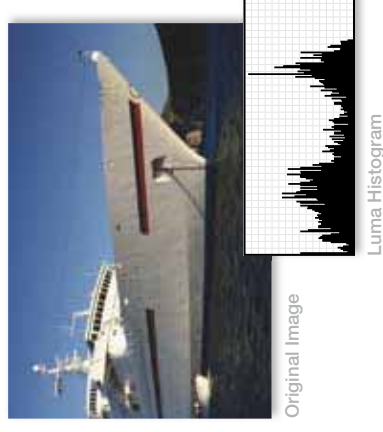
The Picture Master image processor analyses every incoming video source signal and if required scales it up to a high resolution 1080p image. Once converted to this high resolution image finely detailed processing is possible so outstanding sharpness, contrast and colour can be delivered on screen. 1080p processing also ensures the image is ideally matched to the native panel resolution.

Dynamic Histogram Processing

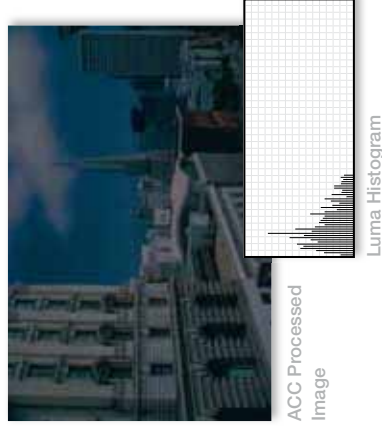
Dynamic Histogram Processing and Dynamic Contrast enhancements are two technologies pioneered by Hitachi to boost overall contrast performance. Using these techniques Picture Master precisely tailors the image to the specific panel characteristics. The result is a picture with the best possible contrast and detail on both bright and dark scenes.

Adaptive Contrast and Colour

Day time scenes require boost on bright scenes



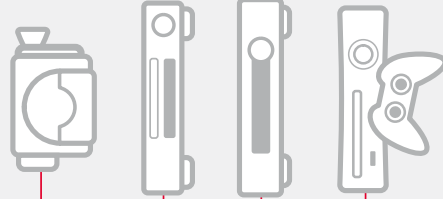
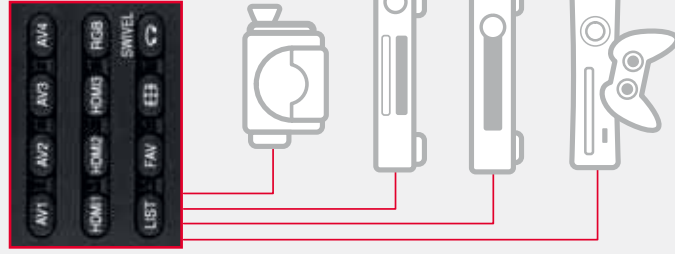
Night time scenes require boost on dark colours



Hitachi Features

One Touch Remote

All Hitachi TVs feature one touch input switching from the remote control. At the press of a single button the internal tuner and each of the many inputs can be accessed without any confusing menus or scrolling. This feature is very useful when using multi function learning remotes or home automation systems.



Motorised Swivel

A true turning point for Plasma and LCD screens. On the P50X01 it is now possible for you to change direction for the panel 30 degrees in either direction of centre with the touch of a button. Perfect for board meeting situations, or for private viewings of your favourite movie, you can swivel the screen from the comfort of your chair.



Hitachi features

1080p Input Capability



All Hitachi HD and Full HD televisions can accept a 1080p input signal, including the latest 1080p 24Hz signal used on Blu Ray discs. On models which feature a Full HD 1920 x 1080 progressive panel, 1080p signals are played back on screen using the progressive scan method at resolutions of up to 1920 x 1080, depending on the resolution of the input signal.

HD Tick



Developed in 2007 by the Australian Digital Suppliers Industry Forum (ADSIF), the HD Tick certification logo identifies televisions which have a built-in High Definition digital tuner and provides consumers with assurance that their TV purchases meet all the ADSIF standards for a true High Definition television experience. Amongst the mandatory requirements for HD Tick certification, a television must feature HDMI digital video inputs, a Digital Audio Tuner output for connecting to a surround sound HiFi system, and a minimum of 720 lines of picture resolution.

PC Input



All Hitachi televisions feature an RGB analogue connection for a personal computer. Using this connection it is possible to view content from the internet, photos from your PC hard drive, or playback edited video from your camcorder.*

HDMI



High Definition Multimedia Interface, or HDMI, combines a simple single cable solution with the best possible digital picture and multi channel audio quality. To get the most out of your Blu Ray or other Full HD device, an HDMI connection should be used as a first choice. The latest (HDMI) connections are included on all Hitachi TVs.

*capability of this input is dependent on the connected PC and the specifications of the panel.



Full HD Plasma

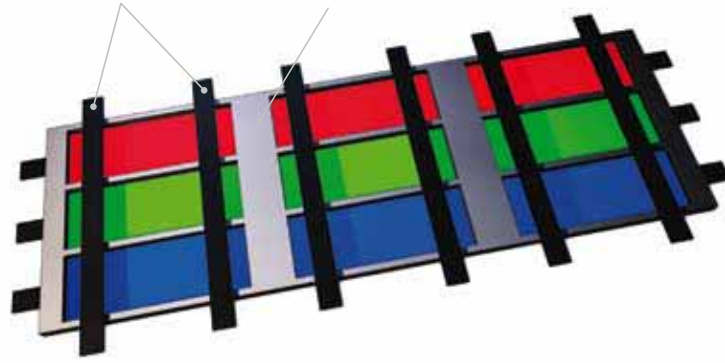
The images on films you see at the movies are photographed on a very fine-grain film that creates a smooth, seamless picture. A high-definition television uses millions of tiny picture elements (pixels) to create that image. More pixels means more detail.

Clear Window plasma technology enables a significantly higher pixel density than conventional designs. Instead of thick walls between vertical pixels, it employs continuous channels of phosphor material. Vertical pixel boundaries are smaller and defined electronically with greater precision. This increased accuracy creates smaller boundaries, placing pixels closer together for a higher-density display structure.

This innovative Hitachi pixel structure results in a smooth, film-like quality not found on competing models. Designed for optimal display of 1080i HDTV signals, Clear Window technology accurately recreates the smooth cinematic texture of fine-grain film in your own home. Power consumption is also reduced when compared to conventional plasma designs as a result of the shared electrode structure of Clear Window plasma TVs.

Hitachi's Clear Window plasma technology combined with a full 1080 picture lines, delivers a bright and exceptionally detailed High Definition image that is a perfect line for line match with the dominant 1080i HDTV broadcast standard.

Conventional Plasma



Two discrete electrodes
Each horizontal row of pixels has two discrete electrodes that obscure the illuminated pixel area.

Wide barriers between rows
Horizontal rows of pixels must be separated by a wide non-picture barrier to isolate the charge from neighboring electrodes.

Hitachi Plasma



Shared Electrodes
Horizontal rows of pixels share a common electrode. Allows for more active picture area for a smoother, brighter picture.

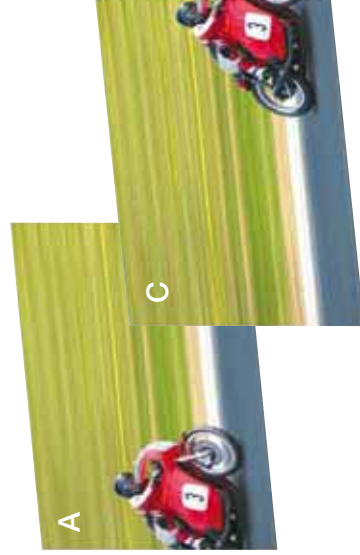
Higher aperture
Hitachi HD1080 technology enables four rows for every three of conventional 768 panel designs.

Frame Rate Conversion FRC

Movies provide us with the illusion of motion by showing us a series of still images over time. In fact, all Hollywood blockbuster flash 24 individual images each second.

Hollywood's 24 frames per second does not match our television system which shows 50 or 60 frames each second. A technique called 3:2 pull-down is used to change the 24 film frames to fit the television's faster 60 frame rate.

There is a jerky motion side effect of 3:2 pull-down that is known



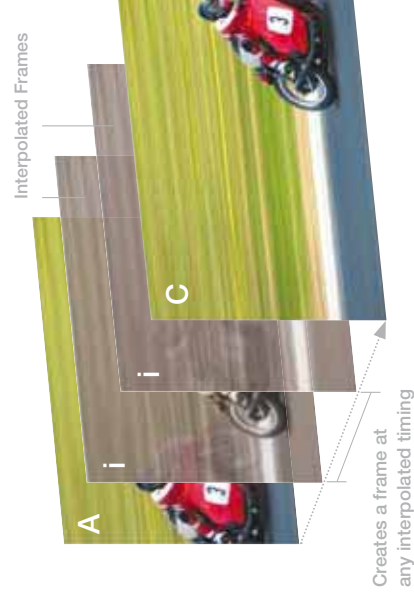
Original Film Frames



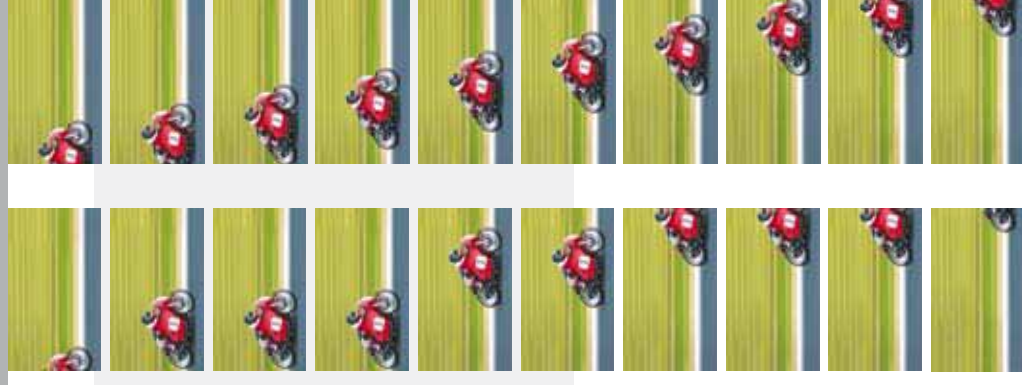
as "judder". It looks as if the image is stuttering and is especially noticeable when displaying side to side movements.

Hitachi's exclusive FRC technology accurately and automatically eliminates the jerky motion. The result is extremely smooth motion, whether it's a passing vehicle or a camera pan from side-to-side.

By creating 'interpolated' frames based on the movement of original film images, FRC processing smooths out the movement of movies and correctly matches the original motion.



FRC Frames



Frame Rate Conversion

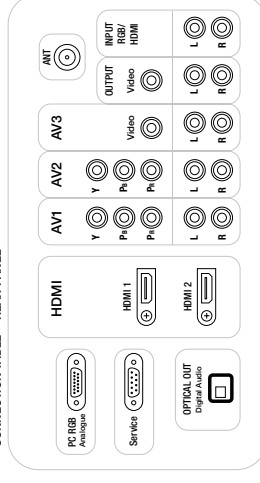
■ P50X01 Full HD Plasma TV



Combining the astounding detail of Full HD with the speed, colour and contrast that only plasma can deliver. The P50X01 is the ideal choice for the serious home cinema or sports enthusiast. Thanks to the 1920 x 1080i pixel panel the P50X01 is a perfect match for Full HD sports broadcasts, while the inclusion of Hitachi's Frame Rate Conversion system delivers a smooth motion cinematic experience when watching Blu-ray and DVD movies.

- 127cm Full HD Plasma TV
- 1920 x 1080i Full HD Panel (Interlaced)
- Integrated HD Tuner
- 10,000:1 Contrast Ratio
- Frame Rate Conversion (FRC)
- 3 x HDMI Inputs
- 2 x Component Inputs
- 1080p Input Capable (50/60/24Hz)
- PC Input
- Optical Digital Output for DTT
- Power Swivel Base
- One Touch Remote Control

CONNECTION TABLE - REAR PANEL †



CONNECTION TABLE - FRONT PANEL †



■ P60X01 Full HD Plasma TV

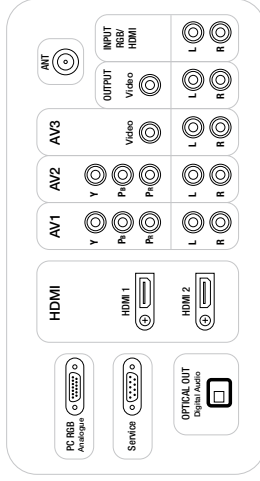


Speaker stands sold separately.

For a serious home cinema you need a serious screen. This used to mean bulky rear projection televisions that produced pale pictures which could only be viewed in total darkness, or expensive and noisy projectors attached to the lounge room ceiling. Not any more. Thanks to Hitachi's advanced Plasma technology it is now possible to offer screen sizes in a flat panel that previously were only available in projection based systems. Introducing the P60X01 153cm Full HD Plasma TV. Featuring a 1920 x 1080 progressive plasma panel, this massive display delivers all the Full HD picture quality, high contrast and fast motion that are the hallmarks of Plasma technology. Because the P60X01 is a Plasma TV, it performs brilliantly when watching sports action, or thanks to the inclusion of Frame Rate Conversion it is also an outstanding high contrast, smooth motion home cinema screen.

- 153cm Full HD Plasma TV
- 1920 x 1080p Full HD Panel (progressive)
- Integrated HD Tuner
- Frame Rate Conversion (FRC)
- 8,000:1 Contrast Ratio
- 3 x HDMI Inputs
- 2 x Component Inputs
- 1080p 24 Playback
- PC Input
- Optical Digital Output for DTT
- Detachable Side Speakers
- One Touch Remote Control
- Optional Speaker Stands Available

CONNECTION TABLE – REAR PANEL †



CONNECTION TABLE – FRONT PANEL †



FULL HD LCD ■



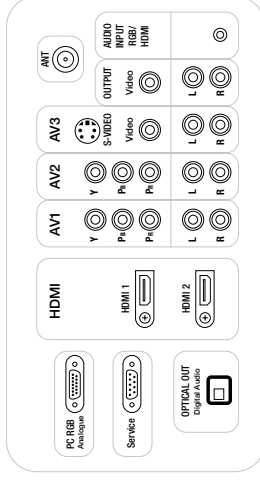
L42X01 Full HD LCD TV



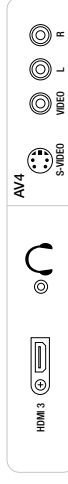
Well suited to bright environments and multimedia, Hitachi's L42X01 delivers all the detail and colour of today's Full HD game consoles, Blu-ray players or Full HD 1080i broadcasts. Thanks to its 1920 x 1080p Full HD progressive panel, the latest 1080p 24Hz Blu-ray movies will be reproduced in their original resolution and frame rate without compression or re-scaling.

- 106cm Full HD LCD TV
- 1920 x 1080p Full HD Panel (progressive)
- Integrated HD Tuner
- 10,000:1 Dynamic Contrast Ratio
- 5ms Panel Response Time
- 3 x HDMI Inputs
- 2 x Component Inputs
- 1080p 24 Playback
- PC Input
- Optical Digital Output for DTT
- Swivel Base
- One Touch Remote Control

CONNECTION TABLE – REAR PANEL †



CONNECTION TABLE – SIDE PANEL †



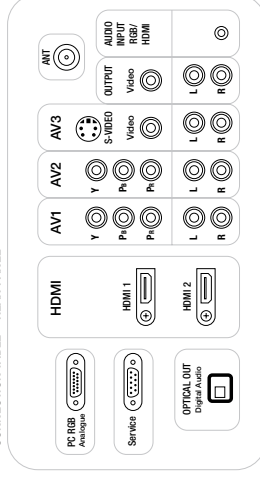
L37X01 Full HD LCD TV



The L37X01 delivers all the features of the larger L42X01 but in a slightly smaller size. Typically an LCD panel of this size makes an ideal replacement for many older 29 and 32 inch CRT televisions as it will fit neatly into wall units or on TV stands that were designed for these older bulky televisions. The 37LX01 is also well suited to smaller rooms where the viewing distance is only between one and two metres.

- 94cm Full HD LCD TV
- 1920 x 1080p Full HD Panel (progressive)
- Integrated HD Tuner
- 10,000:1 Dynamic Contrast Ratio
- 6ms Panel Response Time
- 3 x HDMI Inputs
- 2 x Component Inputs
- 1080p 24 Playback
- PC Input
- Optical Digital Output for DTT
- Swivel Base
- One Touch Remote Control

CONNECTION TABLE - REAR PANEL †



CONNECTION TABLE - SIDE PANEL †





High Definition ALIS Plasma

The Latest Generation of 1080i Line High Definition Panels
Many Australian High Definition TV broadcasts are delivered in a format called 1080i. This type of broadcast delivers 1080 interlaced horizontal picture lines which is the maximum available on High Definition TV. To more accurately reflect the vertical resolution of 1080i, Hitachi ALIS plasma screens feature 1080 interlaced horizontal picture lines, so no vertical compression is required. By limiting picture compression to the horizontal domain the amount of image processing is reduced resulting in a more accurate picture.

Up to 40% More Pixels*

Hitachi's advanced ALIS Clear Window screen technology makes it possible to tightly pack pixels together on the screen.

As a result Hitachi plasma screens feature up to 40% more pixels than leading competitor High Definition plasma models*. This superior pixel density, combined with 1080 lines of vertical resolution, results in a more finely detailed picture which is closer to the original High Definition broadcast

Fast Response for Motion Pictures

Using the same florescent phosphors as conventional Cathode Ray Tube (CRT) televisions to emit light, Hitachi Plasma TVs are ideally suited for displaying moving images. The fast response for motion pictures results in smooth, natural moving images.

Advanced ALIS Panel – up to 1,400cd/m²

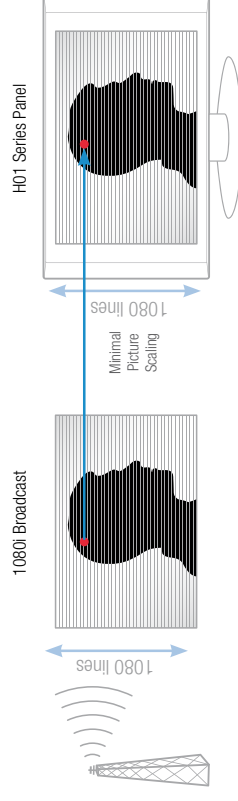
The ALIS (Alternative Lighting of Surfaces) panels featured on Hitachi HD Plasma TVs will dazzle you with their ability to reproduce High Definition signals with outstanding brightness and clarity. Thanks to the combination of fine pitch Clear Window technology with the high speed illumination of alternating lines every 1/50th of a second, ALIS plasma panels can achieve a brightness level of up to 1400 cd/m².*

*based on a comparison of Hitachi and competitors published pixel counts for high definition 42" plasma screens.

†P42H01.

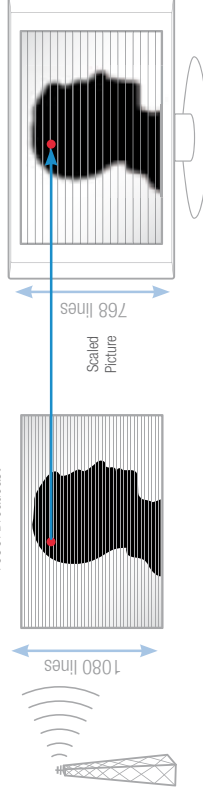
Hitachi H01 Series High Definition ALIS Plasma Panel Displaying 1080i HD Image

1080 lines of High Definition input signals are displayed with minimal picture scaling.

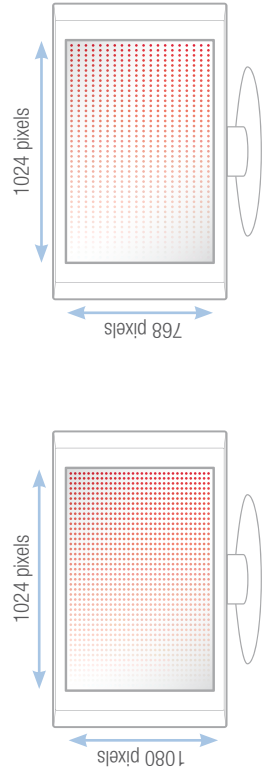


Typical Competitor High Definition Plasma Panel Displaying 1080i HD Image

1080i Broadcast



Pixel Count



Hitachi P42H01 – 1,105,920 pixels

Competitor models – 786,432 pixels

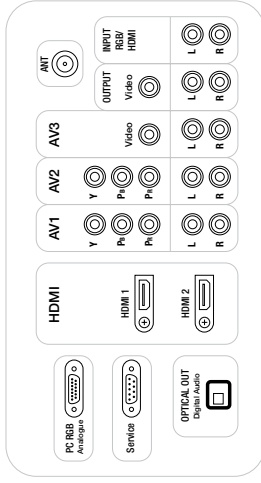
P50H01 HD Plasma TV



The Hitachi P50H01 High Definition ALIS Plasma is the clear choice for High Definition home cinema and sports viewing. By combining the speed, colour and contrast that only plasma can deliver with our unique 1080 line ALIS technology, Hitachi has created an HD plasma with outstanding detail and brightness. The Hitachi P50H01 is also very versatile as offering a wide range of inputs including two HDMI terminals that can accept 1080p 24Hz signals from a Blu-ray player.

- 127cm HD ALIS Plasma panel
- 1280 x 1080 Pixels
- Integrated HD Tuner
- 10,000:1 Contrast Ratio
- 2 x HDMI Inputs
- 2 x Component Inputs
- 1080p Input Capable (50/60/24Hz)
- PC Input
- Optical Digital Output for DTT
- Swivel Base
- One Touch Remote Control

CONNECTION TABLE – REAR PANEL †



CONNECTION TABLE – SIDE PANEL †



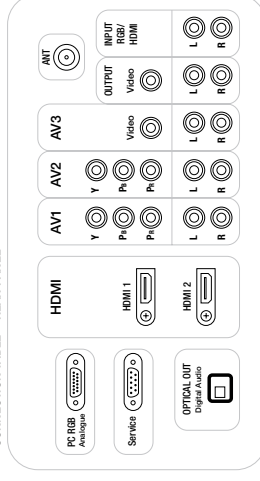
P42H01 HD Plasma TV



The Hitachi P42H01 High Definition ALIS plasma offers all the same features and connectivity as the larger P50H01 but in a smaller screen size. The ALIS Clear Window technology delivers over one million pixels on this 106cm plasma panel, which is up to 40% more than leading competitor models of the same size. Thanks to the high luminance of ALIS technology, this panel also achieves a brightness level of up to 1400cd/m².

- 106cm HD Plasma
- 1024 x 1080 Pixels
- Integrated HD Tuner
- 10,000:1 Contrast Ratio
- 2 x HDMI Inputs
- 2 x Component Inputs
- 1080p Input Capable (50/60/24Hz)
- PC Input
- Optical Digital Output for DTT
- Swivel Base
- One Touch Remote Control

CONNECTION TABLE – REAR PANEL †



CONNECTION TABLE – SIDE PANEL †





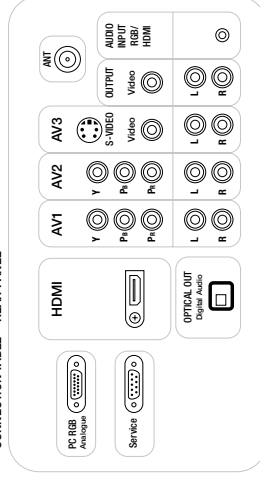
L32H01 & L26H01 HD LCD TVs



Well suited to bright environments and multi media use, Hitachi's High Definition LCD televisions feature our patented IPS Alpha LCD panels. This unique panel technology results in a picture of exceptional clarity and contrast, and a wide viewing angle of up to 178 degrees both horizontally and vertically. Add to this exceptional picture performance a wide range of inputs including HDMI and PC input, and you have a versatile High Definition TV for any application or environment.

- 80cm / 66cm Progressive HD LCD Panel
- 1366 x 768 Pixels
- 6ms Panel Response Time
- Integrated HD Tuner
- 10,000:1 Dynamic Contrast Ratio
- HDMI input
- 2 x Component Inputs
- 1080p Input Capable (50/60/24Hz)
- PC Input
- Optical Digital Output for DTT
- Swivel base (L32H01 only)
- One Touch Remote Control

CONNECTION TABLE - REAR PANEL †



CONNECTION TABLE - SIDE PANEL †



Model	P60X01AU	P50X01AU	P50H01AU	P42H01AU
PICTURE				
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
Number of Pixels (HxV)	1920 x 1080 (2,073,600)	1920 x 1080 (2,073,600)	1280 x 1080 (1,382,400)	1024 x 1080 (1,105,920)
Panel Type	Full HD Progressive Scan	Full HD Interlaced Scan	HD Interlaced scan	HD Interlaced Scan
Screen Size (diagonal) mm	1,530	1,270	1,270	1,060
Contrast Ratio	8,000:1	10,000:1	10,000:1	10,000:1
TUNER				
DVB High Definition Tuner Integrated	Yes	Yes	Yes	Yes
Analogue Tuner Integrated	Yes	Yes	Yes	Yes
Analogue RF Reception	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)
Analogue RF Audio Reception	A2/NICAM	A2/NICAM	A2/NICAM	A2/NICAM
VIDEO INPUT CAPABILITY				
Video Signal	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL
Component Signal	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	480i/p, 576i/p, 720p(50/60), 1080i(50/60)
HDMI Signal (video mode)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p (50/60/24), VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p (50/60/24), VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24), VGA/60	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24), VGA/60
Analogue RGB Signal	VGA-SXGA (H:30 to 64kHz, V:60Hz to 70Hz)	VGA-SXGA (H:30 to 64kHz, V:60Hz to 70Hz)	VGA-SXGA (H:30 to 64kHz, V:60Hz to 70Hz)	VGA-SXGA (H:30 to 64kHz, V:60Hz to 70Hz)
INPUT & OUTPUTS				
Total Number of Connectable Video Sources	8	8	7	7
VIDEO CONNECTION CONFIGURATIONS				
HDMI Signal (video mode)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p (50/60/24), VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p (50/60/24), VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24), VGA/60	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24), VGA/60
S Video with Analogue Audio (RCA)	1 (front)	1 (front)	1 (side)	1 (side)
Component Video with Analogue Audio (RCA)	2	2	2	2
HDMI Input	3 (1 front, 2 rear)	3 (1 front, 2 rear)	2	2
Analogue Audio for HDMI / RGB (RCA)	1	1	1	1

Model	P 60X01AU	P50X01AU	P50H01AU	P42H01AU
OTHER CONNECTIONS				
RGB Input (PC)	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes
Headphone Socket (3.5mm)	Yes	Yes	Yes	Yes
AV Output	1x Composite Video with Analogue Audio (RCA)	1x Composite Video with Analogue Audio (RCA)	1x Composite Video with Analogue Audio (RCA)	1x Composite Video with Analogue Audio (RCA)
Digital Audio Optical Out	Yes	Yes	Yes	Yes
SOUND				
Surround Sound	SRS WOW	SRS WOW	SRS WOW	SRS WOW
Automatic Volume Level	Yes (Perfect Volume)	Yes (Perfect Volume)	Yes (Perfect Volume)	Yes (Perfect Volume)
Sound Modes	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)
PICTURE ASPECT MODES				
TV/Video (input signal dependent)	Panoramic1 / 2, Zoom, Cinema, Full, 4:3, Full 1080, 4:3 Zoom	Panoramic1 / 2, Zoom, Cinema, Full, 4:3, Full 1080, 4:3 Zoom	Panoramic1 / 2, Zoom, Cinema, Full, 4:3, Full 1080, 4:3 Zoom	Panoramic1 / 2, Zoom, Cinema, Full, 4:3, Full 1080, 4:3 Zoom
PC	Full, Normal, Zoom	Full, Normal, Zoom	Full, Normal, Zoom	Full, Normal, Zoom
OTHER FUNCTIONS				
On / Off Timer	Off only	Off only	Off only	Off only
Multi Picture Function	Yes	Yes	-	-
Analogue Teletext	1000 page	1000 page	1000 page	1000 page
Swivel Base	Fixed base	Power	Manual	Manual
REMOTE CONTROL FUNCTIONS				
One Touch Input Switching	Yes	Yes	Yes	Yes
GENERAL				
Dimensions Excluding Stand (WxHxD)mm	1502x952x139 (excludes attachable speakers)	1250 x 823 x 129	1240 x 821 x 128	1067 x 714 x 113
Dimensions Including Stand (WxHxD)mm	1773x890x483 (includes attachable speakers)	1250 x 890 x 423	1240 x 885 x 423	1067 x 781 x 366
Weight Excluding Stand (kg)	71.5 (excludes attachable speakers)	45.5	40.4	28.3
Weight Including Stand (kg)	96.5 (includes attachable speakers)	51.5	46.3	35.1
Power Supply	AC 240V (50Hz)	AC 240V (50Hz)	AC 240V (50Hz)	AC 240V (50Hz)
Power Consumption	575W	555W	449W	348W
Power Consumption Standby Mode	<1W	<1W	<1W	<1W

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MODEL	L42X01AU	L37X01AU	L32H01AU	L26H01AU
PICTURE				
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
Number of Pixels (HxV)	1920 x 1080 (2,073,600)	1920 x 1080 (2,073,600)	1366 x 768 (1,049,088)	1366 x 768 (1,049,088)
Panel Type	Full HD Progressive Scan	Full HD Progressive Scan	HD Progressive Scan	HD Progressive Scan
Screen Size (diagonal) mm	1,067	940	800	661
Contrast Ratio	10,000:1 Dynamic	10,000:1 Dynamic	10,000:1 Dynamic	10,000:1 Dynamic
Panel Response Time	5ms	6ms	6ms	6ms
TUNER				
DVB High Definition Tuner Integrated	Yes	Yes	Yes	Yes
Analogue Tuner Integrated	Yes	Yes	Yes	Yes
Analogue RF Reception	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D,K/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D,K/K1) (PAL B,G,H/I/D,K)
Analogue RF Audio Reception	A2/NICAM	A2/NICAM	A2/NICAM	A2/NICAM
VIDEO FORMATS				
Video Signal	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL
Component Signal	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24)
HDMI Signal (video mode)	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24) VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24) VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24) VGA	480i/p, 576i/p, 720p(50/60), 1080i(50/60), 1080p(50/60/24), VGA
Analogue RGB Signal	VGA - WXGA (1360 x 768 @ 60Hz)	VGA - WXGA (1360 x 768 @ 60Hz)	VGA - WXGA (1360 x 768 @ 60Hz)	VGA - WXGA (1360 x 768 @ 60Hz)
INPUTS & OUTPUTS				
Total Number of Connectable Sources	8	8	6	6
VIDEO CONNECTION CONFIGURATIONS				
Composite Video with Analogue Audio (RCA)	2 (1 rear 1 side)	2 (1 rear 1 side)	2 (1 rear 1 side)	2 (1 rear 1 side)
S Video with Analogue Audio (RCA)	2 (1 rear 1 side)	1	1	1
Component Video with Analogue Audio (RCA)	2	2	2	2
HDMI Input	3 (2 rear 1 side)	3 (2 rear 1 side)	1	1
Stereo Analogue Audio for RGB	1 (3.5mm mini jack)	1 (3.5mm mini jack)	1 (3.5mm mini jack)	1 (3.5mm mini jack)

MODEL	L42X01AU	L37X01AU	L32H01AU	L26H01AU
OTHER CONNECTIONS				
RGB Input (PC)	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes	RGB : Mini D-sub 15P Yes
Headphone Socket (3.5mm)	Yes	Yes	Yes	Yes
AV Output	1x Composite Video with Analogue audio (RCA)	1x Composite Video with Analogue audio (RCA)	1x Composite Video with Analogue audio (RCA)	1x Composite Video with Analogue audio (RCA)
Digital Audio Out	Yes	Yes	Yes	Yes
SOUND				
Surround Sound	Matrix Surround	Matrix Surround	Matrix Surround	Matrix Surround
Automatic Volume Level	Yes (Perfect Volume)	Yes (Perfect Volume)	Yes (Perfect Volume)	Yes (Perfect Volume)
Sound Modes	4 Mode	4 Mode	4 Mode	4 Mode
PICTURE ASPECT MODES				
TV/Video (input signal dependent)	4:3, Panoramic, Cinema, Full	4:3, Panoramic, Cinema, Full	4:3, Panoramic, Cinema, Full	4:3, Panoramic, Cinema, Full
PC	4:3, Full	4:3, Full	4:3, Full	4:3, Full
OTHER FUNCTIONS				
Timer	On / Off	On / Off	On / Off	On / Off
Multi Picture Function	Yes	Yes	Yes	Yes
Analogue Teletext	1000 Page	1000 Page	1000 Page	1000 Page
Swivel Base	Manual	Manual	Manual	Fixed
REMOTE CONTROL FUNCTIONS				
One Touch Input Switching	Yes	Yes	Yes	Yes
GENERAL				
Dimensions excluding Stand (WxHxD)mm	1033 x 692 x 126	910 x 627 x 125	790 x 550 x 122	663 x 470 x 124
Dimensions including Stand (WxHxD)mm	1033 x 749 x 365	910 x 680 x 365	790 x 602 x 365	663 x 509 x 262
Weight excluding Stand (kg)	24.2	20.1	16	12.4
Weight including Stand (kg)	28.5	24.4	20.1	13
Power Supply	AC110V-240V (50/60Hz)	AC110V-240V (50/60Hz)	AC110V-240V (50/60Hz)	AC110V-240V (50/60Hz)
Power Consumption	210W	177W	144W	105W
Power Consumption Standby Mode	<2W	<2W	<2W	<2W

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