

# Frequently Asked Questions

## Audio Video

### VIERA:

#### **Q1: What is Digital processing?**

A1: Digital signals need to be converted into analogue so that we can see or hear them. Panasonic TVs with an acuity digital chassis use high quality converters for superb picture quality and feature 10-bit processing at a sample rate of up to 60MHZ. That means the processor samples 10-bit chunks of digital data, 60 million times before it delivers the optimum picture signal.

#### **Q2: What is MACH?**

A2: Panasonic introduced HD MACH technology with the TH-50PHW6 and TH42PHW6 plasma displays and as a result, brightness levels on these models were boosted by 40 percent (When compared to a Panasonic 42-inch plasma without HD MACH). The HD MACH (High Definition Multi-facet Asymmetrical Configuration Hyper-pixel) panel is a bounded cell structure made-up of wall-like ribs. These are used to wrap each individual cell. Increasing the area in which the phosphor can be applied dramatically improves both light-emitting efficiency and intensity. Allied to this technology is the unique MACH Enhancer. This improves image contours making them more naturally suited for human eyes. The results are more realistic and lifelike pictures.

#### **Q3: What is NTSC?**

A3: In the US and Japan, NTSC (National Standards Television Committee) is the standard used for all video equipment. NTSC uses 525 lines to make up a TV picture and scans at 60Hz. unless otherwise specified, NTSC video equipment is only compatible with NTSC software and TV broadcasts.

#### **Q4: What is PAL?**

A4: Abbreviation for (Phase Alternate Line) commonly used color TV system and is the standard for all TV and video equipment. The PAL system uses 625 lines to make up a video or TV picture and scans at 50Hz. unless otherwise specified, PAL video equipment is only compatible with PAL software and TV broadcasts.

#### **Q5: What is the difference between the models TH-49CX700M and TH-49CX700S?**

A5: →TH-49CX700M is a Middle East Model and TH-49CX700S is a Singapore model

→The main difference for these two models is the language Menu

→Middle East model has Arabic language while Singapore model does not have Arabic language

**Q6: How to connect headphone to the model TH-L32C4?**

A6: There is no Headphone jack available in this model

**Q7: Is there an audio return channel facility on Panasonic TH-50C310M?**

A7: No, the model TH-50C310M does not have ARC feature.

**Q8: Is it possible to disable motion smoothing for Panasonic TH-55CX400?**

A8: It's not possible this is already by default included in the system.

**Q9: Can I connect Panasonic TH-42AS610 through web browser?**

A9: No, Panasonic Internet TV can only connect through web apps and not direct browser.

**Q10: How to upgrade, install and access NETFLIX app on VIERA TVs?**

A10: Steps to install NETFLIX app on compatible Viera TVs:

[Menu] → [Network] → [Quick setup] → enter Wi-Fi username and Password.

Wi-Fi connection confirmation → [Next] → new software search → [Firmware upgrade]

New firmware message → [accept]

From the remote control: Press [apps] → select NETFLIX→ Create User name and ID for paid movies.

**Q11: I have Panasonic TH-P42UT30D (42) Full HD 3D Plasma Television, what kind of 3D glasses to be used with this TV?**

A11: Panasonic 3D glasses with below part numbers can be used

TY-EW3D10W (Battery type)

TY-EW3D2SW, TY-EW3D2MW, TY-EW3D2LW (Rechargeable Type)

**Q12: I bought Panasonic LED TV VIERA TH-43CS630M today and tried connecting to YouTube. Every time it go to: [youtube.com](https://www.youtube.com), it requests for user name and password.**

**After I finished nothing really happens. And every time I try to connect to YouTube it does not get logged in, and it still asks me to "sign in to confirm your age" and gives me a different code to fill.**

A12: This is not a TV problem; this is a problem of the user log in access.

It is better if you can confirm if your YouTube user name /password access is working fine in other devices before you log to the TV.

**Q13: What is High Definition Television (HDTV)?**

A13: High Definition Television (HDTV) provides image resolution which is superior to SDTV and to the existing analog, with up to six times the improvement in detail. This means that the benefits of HDTV are particularly noticeable on larger screen sets and when using projection equipment. HDTV will be in widescreen format and provide cinema-quality viewing with Dolby surround sound. Within two years of the commencement of digital broadcasting in an area, and in addition to their analog and Standard Definition transmissions, commercial television broadcasters and the SBC and SBS will be required to provide at least 20 hours per week of programs in HDTV. HDTV integrated receivers and set-top boxes are expected to cost more than SDTV integrated receivers and set-top boxes.

**Q14: What is Standard Definition Television (SDTV)?**

Q14: Standard Definition Television (SDTV) is digital television with improved reception capability when compared to the existing analog service. SDTV will be in widescreen format, providing enhancements and multi-channeling and eliminate ghosting and other errors found in analog transmissions. The federal government requires broadcasters to provide a digital SDTV signal at all times, even when HDTV services are being broadcast. This is to ensure that viewers will always be able to receive a digital transmission. Without this requirement some viewers with a digital receiver capable only of receiving and displaying a SDTV signal would not be able to view the SDTV version of the program when the higher quality HDTV signal is transmitted. SDTV-only integrated receivers and set-top boxes are expected to be cheaper than integrated receivers and set-top boxes that can display both SDTV and HDTV.

**Q15: What is VIERA means?**

A15: VIERA is Panasonic's nick-name for our flat panel TV line (Plasma and LCD). "VIERA "stands for "Visual Era".

**Q16: What is HDMI?**

A16: HDMI, which stands for "High-Definition Multimedia Interface", is the consumer electronic industry's first connection capable of transmitting uncompressed digital audio/video signals. Components featuring HDMI can transmit both digital audio and video over one convenient cable, replacing the tangled mess that resides behind many home theater components.

HDMI also offers improved quality over traditional analog connections thanks to all-digital transmission. Digital sources like DVDs and HDTV programming can now be transferred digitally from source to display without analog conversions that can degrade the original signal.

**Q17: What is VIERA Link?**

A17: Viera Link function lets you switch to home theatre mode using just the View remote control unit. Simply pressing the Viera Link button and select "Home Theatre" and its menu will be displayed on the TV screen. You can playback DVD disc or select from DVD disc menu.

Note\*- Viera Link features are compatible with all 2006 Viera link products. Non HDMI compliant cables cannot be utilized recommended to use Panasonic HDMI cable.

**Q18: What is (1080p digital processing)?**

A18: The 1080p Full-HD video signals allows the reproduction of highly expressive images with exceptional details and full 1920 x 1080 resolution, used in Viera Plasma TV, this high performance chip set processes the full HD signal without altering its natural specifications. it helps maximize performance of the full HD plasma panel, so you can enjoy clear, vibrant, beautiful pictures with extraordinary detail.

**Q19: What is V-Real II and V-Real Pro II technology?**

A19: The high performance driver optimizes the performance of the display panel. This helps VIERA render images that have smooth, crystal clear motion and delicate colors with rich gradation.

**Q20: What is VIERA V-real 3 or V-real PRO 3 Processor?**

A20: This core state of the art device generates signals that comply with the newest video standards.

**Q21: What is VIERA G11 HD/G11 Full HD Panel?**

A21: The full HD panel displays images in magnificent resolution.