



A thin profile provides a multitude of design possibilities. Display AQUOS using its sleek stand or wall-mount using optional brackets.

# AQUOS™ PLATFORM

**Delivering Unmatched Picture Quality, the AQUOS Platform Sets the Standard for Liquid Crystal Television**

## Advanced Super View LCD Panel with 450cd/m<sup>2</sup> High-Luminance and 800:1 High Contrast Ratio

AQUOS G4U Series employs an Advanced Super View Low-Reflection Black TFT LCD for a high-precision large screen with approx. 3,150,000 dots, resulting in wide viewing angles of 170° vertically and horizontally and a high contrast ratio of 800:1. It brings clear and distinct picture reproduction preventing ambient light reflection and provides high-resolution reproduction of DVDs and high-definition video.



## Convenient Terminal Connections

### Interface Compatible with a Variety of Digital Media

AQUOS G4U series employs HDMI (High-Definition Multimedia Interface), the new-generation interface standard for the digital audio and visual world, which provides easy one-cable connection and communication of both audio and pictures. It also reproduces high-resolution, fine images and sound by way of digital transmission while depressing noise generation. In addition, a DVI terminal\*1 is built-in to enjoy noiseless pictures by digital-to-digital connection with digital hardware and software including DVD players, set-top boxes, digital tuners and PCs. The built-in PC Card Slot compatible with HDD PC cards\*\*2 provides versatile visual entertainment such as recording long-time programs and viewing still pictures recorded with digital cameras.

\*1 Sharp's G-series models employ DVI-I terminals

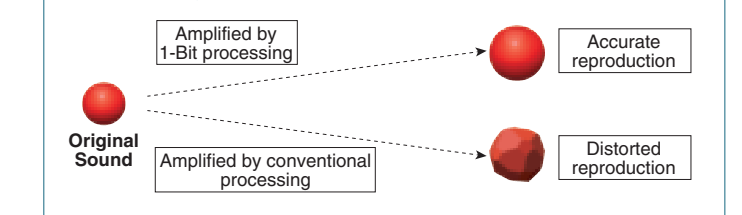
\*\*2 Compatible with Hard Disc PC Card, xC Picture Card, Compact Flash, Multi-Media Card, Smart Media, Memory Stick, Micro Drive SD Card. A separately sold PC Card Adaptor is needed for each compatible media card.

## Stunning Sound Quality

### 1-Bit Digital Amplifier for High Resolution Sound Reproduction

High-speed sampling of nearly 2.8 million times per second (64 times the CD rate) provides high-resolution digital sound, delivering dynamic, high-density audio with a sense of speed. It also reproduces the same natural, clear sound quality as the original, transferred without signal loss or random compensation.

### 1-Bit Audio Image Illustration



Conventional analog amplifiers tend to be affected by noise mixing and distortion. The 1-Bit Digital Amplifier converts minute signals into 1-bit digital signals, preventing the effects of noise and reproducing sound quality virtually as high-fidelity as the original.

## Crystal-Clear Picture Quality

### Built-in 1-Chip Digital High-Quality LSI Dramatically Reduces Noise

Four conventional circuits for image signal processing are integrated into Sharp's uniquely developed 1-Chip Digital High-Quality LSI. Digital high-definition broadcasts as well as common broadcasts can be viewed with vivid color and beautiful picture without image degradation. Also, picture-in-picture or two pictures of satellite digital broadcasts and analog broadcasts can be reproduced in high quality.

## Friendly to the Environment

### A Whole New Perspective On Television

AQUOS G4U Series is produced by Sharp and based upon the AQUOS Platform concept. From circuit design to LCD panel production, AQUOS is produced in Sharp's integrated production system, bringing not only a high-quality picture, but also space-savings, energy-savings and long-life design. In addition, the G4U Series is designed according to Sharp's strict environmental standards. AQUOS LC-TVs use fewer raw materials during manufacture, consume less power during use and are easier to recycle at the end of their service life than traditional CRT televisions.

## Breathtaking Fast-Motion Image Reproduction

### Quick Shoot (QS) Drive for Quick Response to Provide Vivid Reproduction of Quick Motion

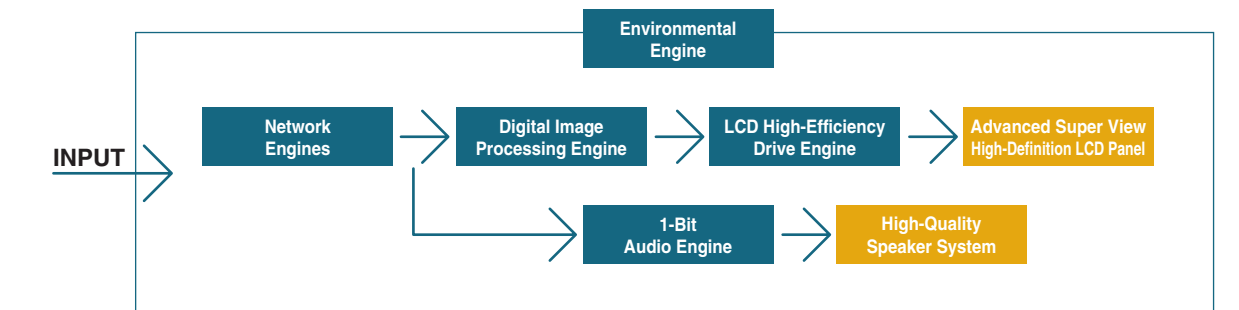
Built into the G4U Series, QS Technology improves the response speed of moving scenes on LC panels and achieves a response speed of less than 16ms. Clear pictures are reproduced even in scenes with rapid movement.

### Digital Source

HDMI Input  
DVI Input (For AV, PC)  
Memory Card

### Analog Source

Terrestrial Broadcast  
Component Input  
S-video  
RCA Input



## • Detachable, Independent Aluminum Speaker Cabinets

Integrated construction from aluminum materials provides a remarkably thin body and is far more rigid than conventional resin cabinets. Plus, the speakers are independent from the TV body, reducing sound deterioration caused by resonance.

## • Sophisticated Space-Saving Body, the Industry's Thinnest and Lightest Body with Advanced Narrow Frame Design

## • AVC System

All device connections are made through the AVC System, so the TV remains clean and elegant. This ensures clean and easy terminal connections, with no cable clutter, and more convenient wall-mounting.



## Design: Toshiyuki KITA

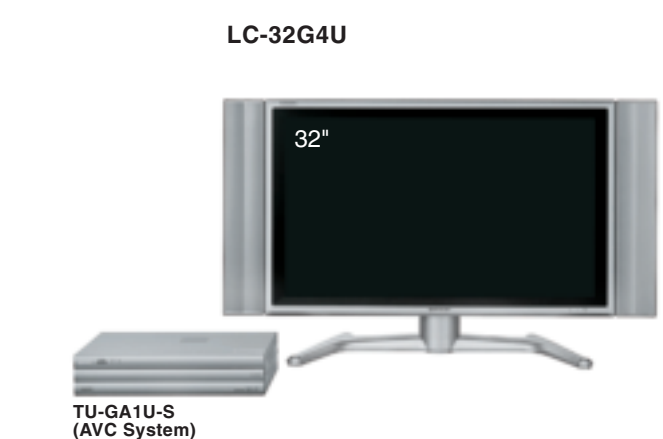
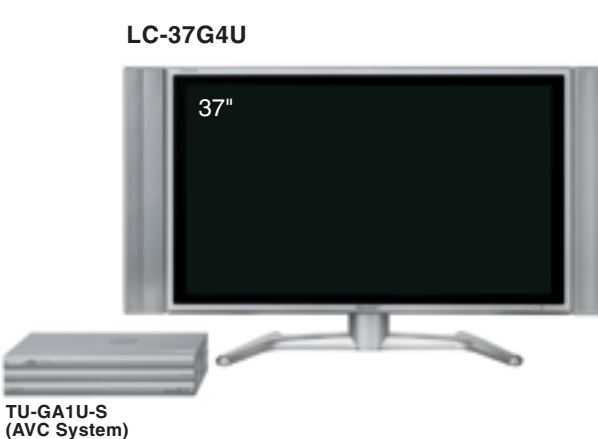
For more than 30 years, Toshiyuki Kita has created award-winning designs across diverse platforms: furniture, spaces, objects.

Dividing his time between Japan and Italy, Toshiyuki Kita masterfully marries the cultures and stimuli of both vibrant settings. While the two countries are separated geographically, the countries share a common, nurturing energy that provides the inspiration for his unparalleled and prolific designs, many of which are showcased in museums around the world.

By infusing modern research and materials with the spirit of centuries-old Japanese traditions, Kita is able to create designs that enliven the soul while celebrating classic form and modern functionality.



## High Performance Widescreen HDTV Monitors



Pompidou if sma Die Neue Sammlung

**Awards:**  
IF Design Award 2003  
IF Design Award 2002  
SMAU Design Award 2002  
**Permanent Collections:**  
Centre Georges Pompidou, Paris  
Museum für Kunst und Gewerbe, Hamburg  
Staatliches Museum für Kunst und Design, Nürnberg

T E C H N O L O G Y



AQUOS™: Vivid Picture Quality, Elegant Design and Advanced Features and Technology

Specifications

| Category   |  | SIDE SPEAKER TYPE WIDE                       |                         |
|--|--|--|-------------------------|
| Model Number   |  | LC-37G4U with TU-GA1U-S                      | LC-32G4U with TU-GA1U-S |
| Screen Size*   |  | 37-inch                                      | 32-inch                 |
| LCD Panel  |  |  |                         |
| Advanced Super View & Black TFT LCD  |  |  |                         |
| Number of Pixels (dots)  |  | 3,147,264 (1,366 x 3 x 768)                  |                         |
| Luminance (cd/m <sup>2</sup> )   |  | 450  |                         |
| Contrast Ratio   |  | 800:1  |                         |
| Viewing Angles (H/V)   |  | 170°/170°                                    |                         |
| Lamp Life**  |  | 60,000 hours                                 |                         |
| Colors and Sound Systems   |  |  |                         |
| NTSC   |  |  |                         |
| Tuner (Preset Channels)  |  |  |                         |
| 2 tuners (181 preset PLL channels)   |  |  |                         |
| 1-Bit Digital Amplifier  |  |  |                         |
| Yes  |  |  |                         |
| Audio Output   |  |  |                         |
| 10W x 2  |  |  |                         |
| Speakers   |  |  |                         |
| Passive Radiator System  |  |  |                         |
| Stereo System  |  |  |                         |
| MTS/SAP Stereo   |  |  |                         |
| Surround System  |  |  |                         |
| Virtual Dolby® Surround  |  |  |                         |
| Quick Shoot (Improves LCD panel response when viewing fast-moving images.) |  |  |                         |
| Yes  |  |  |                         |
| OPC (Optical Picture Control)  |  |  |                         |
| Yes  |  |  |                         |
| On-Screen Display Language   |  |  |                         |
| English/Spanish/French   |  |  |                         |
| Terminals  |  | INPUT 1                                      |                         |
|  |  | AV, Component                                |                         |
|  |  | INPUT 2                                      |                         |
|  |  | AV, Component                                |                         |
|  |  | INPUT 3                                      |                         |
|  |  | AV, S-Video (front)                          |                         |
|  |  | INPUT 4                                      |                         |
|  |  | HDMI   |                         |
|  |  | INPUT 5                                      |                         |
|  |  | DVI-I, Audio in (3.5mm)                      |                         |
|  |  | ANTENNA                                      |                         |
|  |  | 2  |                         |
|  |  | MONITOR OUTPUT                               |                         |
|  |  | Audio (Variable, Fixed), AV out, S-video out |                         |
|  |  | RS-232C                                      |                         |
|  |  | 1  |                         |
|  |  | Ext. Speaker                                 |                         |
|  |  | 1  |                         |
|  |  | Headphones                                   |                         |
|  |  | 3.5mm Jack                                   |                         |
| Power Source   |  | AC Input                                     |                         |
|  |  | AC: 110-240V, 50/60Hz                        |                         |
| Power Consumption  |  | Display                                      |                         |
|  |  | 168W   |                         |
|  |  | 127W   |                         |
|  |  | AVC System                                   |                         |
|  |  | 48W  |                         |
| Standby Power Consumption***   |  | Display                                      |                         |
|  |  | 0.2W   |                         |
|  |  | AVC System                                   |                         |
|  |  | 0.4W   |                         |
| Dimensions (W x H x D)   |  | Display (with speakers, with stand)          |                         |
|  |  | 43 25/64" x 25" x 12 3/32"                   |                         |
|  |  | 38 37/64" x 22 9/32" x 12 3/32"              |                         |
|  |  | (without speakers, with stand)               |                         |
|  |  | 36 7/64" x 25" x 12 3/32"                    |                         |
|  |  | 31 19/64" x 22 9/32" x 12 3/32"              |                         |
|  |  | (with speakers, without stand)               |                         |
|  |  | 43 25/64" x 21 18/32" x 3 17/32"             |                         |
|  |  | 38 37/64" x 18 29/32" x 3 17/32"             |                         |
|  |  | (without speakers, without stand)            |                         |
|  |  | 36 7/64" x 21 18/32" x 2 25/32"              |                         |
|  |  | 31 19/64" x 18 29/32" x 2 25/32"             |                         |
|  |  | AVC System                                   |                         |
|  |  | 16 59/64" x 3 24/32" x 11 30/32"             |                         |
| Net Weight   |  | Display (with speakers, with stand)          |                         |
|  |  | 52.9 lbs.                                    |                         |
|  |  | 48.5 lbs.                                    |                         |
|  |  | (without speakers, with stand)               |                         |
|  |  | 40.8 lbs.                                    |                         |
|  |  | 38.6 lbs.                                    |                         |
|  |  | (with speakers, without stand)               |                         |
|  |  | 43 lbs.                                      |                         |
|  |  | 38.6 lbs.                                    |                         |
|  |  | (without speakers, without stand)            |                         |
|  |  | 30.9 lbs.                                    |                         |
|  |  | 28.7 lbs.                                    |                         |
|  |  | AVC System                                   |                         |
|  |  | 14.3 lbs.                                    |                         |

Design and specifications are current as of March 2004, but are subject to change without prior notice. AQUOS™ and 1-Bit Technology™ are trademarks of Sharp Corporation. All AQUOS Liquid Crystal Televisions are backed by a 1-year parts and labor limited warranty. \*Actual screen size 37 1/64" measured diagonally (37"), and 31 1/2" measured diagonally (32"). \*\*The typical period of time after which the lamp's power output will have decreased by about half, given that the AQUOS is used continuously in a 25°C room under standard lighting and brightness conditions. \*\*\*Measured at AC 120V. Screen images simulated.

**SHARP**  
..... be sharp

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Printed in U.S.A.  
AQ-06-101

**SHARP**

Widescreen Liquid Crystal Television  
**AQUOS G4U SERIES**



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*T. KITA*

**AQUOS™**

D E S I G N &

