

# LED 58" class (57.5" diagonal)



#### Part No.: 1JC0P1P0039 - -

© 2012 Sanyo Manufacturing Corporation



Please read before operating your HDTV!

Model:

**Owner's** 

Manual

(English)

POSITIONING THE HDTV

positioning your HDTV.

may present risk of injury.

visit www.aap.org.

area.

lation.

• Always use a firm and flat surface when

• Do not position the unit in a confined

• Allow adequate space for proper venti-

• Do not position the HDTV where it is

easily reachable by small children and

• Once HDTV is positioned, remove the

protective film covering front cabinet.

The American Academy of Pediatrics dis-

courages media use by children younger

than two years. For more information,

#### **PROTECTING THE LCD** SCREEN

- CAUTION: The screen can be damaged if it is not maintained properly.
- Do not use hard objects such as hard cloth or paper to clean the screen.
- Do not use excessive pressure when cleaning the screen; excessive pressure can cause permanent discoloration or dark spots
- NEVER spray liquids on the screen.

## HANDLING PRECAUTIONS

- Handle by the cabinet only.
- Handling by two or more people is recommended
- Never touch the screen when handling.
- Handling damage is not covered under warranty
- Do not remove the protective film covering the front cabinet while handling the HDTV.

## TRADEMARKS \_

Manufactured under license from Dolby Laboratories. "Dolby" is a trademark of Dolby Laboratories.

## HOMI

HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



As an Energy Star® Partner, Sanyo Manufacturing Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.

SANYO television customers should contact MRM Recycling at 888-769-0149 or visit their website at www.mrmrecycling.com regarding SANYO's waste management plan.

## **SPECIFICATIONS**

NOTE: Design and specifications are subject to change without notice.

**Power Requirement:** Source: AC 120V, 60Hz

AC Power Consumption: 155 watts

Weight: 48.1 lbs (w/stand)

| Dimensions                     |       |        |       |
|--------------------------------|-------|--------|-------|
|                                | WIDTH | HEIGHT | DEPTH |
| w/stands                       | 51.3  | 31.5   | 10.5  |
| w/out stands                   | 51.3  | 30.4   | 3.9   |
| NOTE: Dimensions are in inches |       |        |       |

ENERGY STAR is a set of power-saving guidelines issued by the U.S. Environmental Protection Agency (EPA). ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

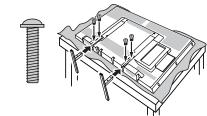
Changes to default as-shipped television configuration and settings or enabling certain optional features and functionalities will change the energy consumption of the television, this may increase energy consumption beyond the limits required for ENERGY STAR qualification.

#### **GETTING STARTED**

#### STAND ASSEMBLY

- NOTE: Skip these steps if using a wall mounting kit (not included).
- Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish.
- Carefully insert both foot stands to the bottom of the HDTV and secure them by inserting two (2) long screws (M4 4x30) in each one as indicated in the diagram below.

NOTE: Foot stand screws are located in the literature package.



Position the HDTV on a firm and 3 flat surface with adequate space

#### **BATTERY INSTALLATION**

Install two (2) "AAA" batteries in the remote control. (Not included)

### PRECAUTIONS:

- Replace both batteries at the same time. Do not use a new battery with a used battery.
- There's a risk of explosion if a battery is replaced by an incorrect type.
- Keep away from moisture.
- Be sure to match the "+" and "-" signs on the batteries with marks inside the remote control.
- Please properly dispose of used up batteries

WARNING: The batteries (or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

ANTENNA CONNECTION FOR

**OFF-AIR SIGNALS OR CABLE** 

Hook up your antenna or your cable

#### **INITIAL CHANNEL SEARCH** Before proceeding, please make

sure to correctly hook up your antenna or cable connection and all AV equipment to your HDTV.

**1. PLUG IN AC POWER CORD** 120V AC, 60Hz

#### 2. TURN ON TV

#### 3. TV SET LOCATION SELECTION:

Select "Home Mode" to set the HDTV's backlight to an Energy Star qualified level, or select "Store Mode" to set the backlight to a retail display level.

- 4. CHANNEL AND SIGNAL SEARCH: Select "Signal Search" and press
- ENTER to perform a channel search from an Antenna or a direct Cable connection, and a signal search from devices hooked up to the HDTV's AV input jacks.
- 5. SIGNAL SEARCH RESULT SCREEN The final setup screen displays ana-

#### THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT. CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN! CAUTION: TO REDUCE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTE-NANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings
- 4. Follow all instructions.
- 5. Do not use this apparatus near water. 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. Do not defeat the safety purpose of the polarized or groundingtype plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit fully into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11. Only use attachments/accessories specified by the manufacturer.
- 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: FCC Regulations state that improper modifications or unauthorized changes to this unit may void the user's authority to operate the unit

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

#### HDTV INPUT/OUTPUT REFERENCE

#### ANT Analog / Digital Antenna Input (1)

Hook up your indoor or outdoor digital antenna, or a direct Cable service (Analog or ClearQAM).

VIDEO INPUT (COMPONENT/COMPOSITE combo)

## **COMPOSITE Connection**

A Composite connection is used to hookup your analog equipment such as a VCR or an older DVD player.

Match the YELLOW connector from your external device to the GREEN Y-VIDEO jack on the HDTV.

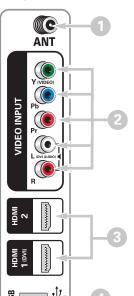
NOTE: Use the WHITE and RED (L and R) jacks for AUDIO signal.

#### **COMPONENT Connection**

A Component connection will accept SDTV, EDTV and HDTV video signals. Use it for great image quality from digital devices such as a DVD player or Video Game system. Match your digital device's Component output jacks to the

Component input jack set on your HDTV. NOTE: Use the GREEN (Y), BLUE (Pb) and RED (Pr) jacks for the VIDEO signal and the WHITE and RED (L and R) jacks for the AUDIO signal.





should be taken to keep from touching such power lines or circuits as contact with them might be fatal. **EXAMPLE OF ANTENNA GROUNDING ACCORDING** TO NATIONAL ELECTRICAL CODE, ANSI/NFPA 70 ANTENNA LEAD IN WIRE GROUND CLAMP - ANTENNA DISCHARGE UNIT (NEC SECTION 810-20) ELECTRIC SERVICE — EQUIPMENT GROUND CLAMPS GROUNDING CONDUCTORS (NEC SECTION 810-21)

and requirements for the grounding electrodes.

15. If an outside antenna is connected to the television equipment. be sure the antenna system is grounded so as to provide some

protection against voltage surges and built up static charges.

In the U.S. Selection 810-21 of the National Electrical Code pro-

vides information with respect to proper grounding of the mast

and supporting structure, grounding of the lead-in wire to an

antenna discharge unit, size of grounding conductors, location

of antenna discharge unit, connection to grounding electrodes,

ty of overhead power lines or other electrical light or power

circuits, or where it can fall into such power lines or circuits.

When installing an outside antenna system, extreme care

16. An outside antenna system should not be located in the vicini-

POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H) NEC - NATIONAL ELECTRICAL CODE

'Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

- 17. Wall or Ceiling Mounting-The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
- Apparatus shall not be exposed to dripping or splashing, and no 18 objects filled with liquids, such as vases, shall be placed on it. 19. When the MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

for proper ventilation.

#### WALL MOUNTING (OPTIONAL) Wall mounting of the HDTV must be performed by a skilled person.

If foot stand disassembly is required:

- Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish.
- Remove the two (2) screws securing each foot stand. CAUTION: Hold the stands firmly as you remove the last screw

Use the four (4) short screws included in the literature package to secure the HDTV to a wall mounting kit (not included.)

**IMPORTANT: Wall mount kit must** comply with VESA standard 400 x 400. All four (4) screws must be threaded to the wall mount and HDTV's back cabinet

Mounting screws measurements:

M6 (6mm) Diameter, Length 12mm (min.) – 16mm (max.)

www.sanyoctv.com

Need help?

1-800-877-5032

service to the HDTV's ANT terminal with the use of a 75 OHM coaxial cable.

NOTE: Keep your indoor antenna at least 3 ft. away from the television set and any other electronic equipment.





The tuner in this HDTV can receive: Digital and Analog off air signals from an antenna

 Analog or ClearQAM cable channels from a direct Cable TV connection.

log and digital channels found, as well as AV inputs detected.

Select Finish Setup and press ENTER.

NOTE: If you wish to repeat the process, select Repeat.



#### **AV INPUT SELECTION**

Press the INPUT key to select the correct AV input for the video source you wish to watch.

NOTE: Unused AV inputs may be disabled with the Input Setting feature.

#### HDMI (INPUT1 or INPUT2)

Use HDMI INPUT1 & 2 to hookup HD digital devices such as a Blu-ray player, HD Cable Box, HD Satellite Receiver or Video-game System.

Connect your digital device's HDMI output to any of the two (2) HDMI inputs on your HDTV's side panel with the use of an HDMI cable.

NOTE: A DVI connection is possible via the HDMI (DVI) INPUT1 using an appropriate cable or adapter and connecting the audio to the L and R (VIDEO INPUT) jacks.

#### USB

USB input jack is used to connect a USB mass storage device to watch digital images stored in JPEG format.

#### **DIGITAL AUDIO OUT (Coaxial)**

Hookup a multichannel receiver with the use of a phonotype digital audio cable.

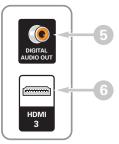
#### HDMI (INPUT3)

Use HDMI INPUT3 to hookup HD digital devices such as a Blu-ray player, HD Cable Box, HD Satellite Receiver or Video-game System.

Connect your digital device's HDMI output to the HDMI3 input on your HDTV with the use of an HDMI cable.



#### HDTV BACK PANEL





Sanyo Manufacturing Corp. 3333 Sanyo Road, Forrest City, AR 72335 Printed in Mexico, December 2012 US3B - 58-Z7GA - GXHA

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#### **REMOTE CONTROL OPERATION**



#### POWER. Turns your HDTV On or Off.

INPUT. Selects the video source to view. Holding down the key displays the Input List

NUMERIC KEYS. Choose a channel directly.

SUB CH. Use for the direct selection of digital subchannels. For example: for channel 39-1 press the 3 and 9 keys, followed by the dash –, and 1 keys.

RECALL. Switch between current channel and last selected channel or input.

MUTE. Mute or restore the sound. VOL + - . Increases or decreases the

audio level.

**CH**  $\blacktriangle \nabla$ . Scan through the channels in the memory database.

AUDIO. Selects the desired Audio mode. Stereo, Mono, or SAP (when available.)

PIX SHAPE. Cycles through the various aspect ratios. The different settings either stretch, zoom, or fill the image on your screen. Bars may appear on top and bottom of vour screen (or on left and right sides) depending on the broadcasted signal or program.

CAPTION. Cycles through the available Caption modes (when available.)

## **Digital Caption**

Captioning is textual information transmitted along with the picture and sound. Turning Captioning ON (by pressing the CAPTION key during normal TV viewing) causes the HDTV to open these captions (digital or analog) and superimpose them on the screen.



NOTE: Local broadcasters decide which caption signals to transmit.

Use the **CURSOR**  $\blacktriangle \forall$  and  $\blacktriangleleft \triangleright$  keys to modify Font, Background, and Foreground of digital caption text.

#### Mode (Home/Store/Demo)

Choose to modify the initial Energy Saving Mode chosen at HDTV's first

MENU. Display or hide the on-screen menu. HELP. Displays the on-screen Help menu.  $CURSOR \blacktriangle \forall \blacktriangleleft \triangleright$  . Move the on-screen cursor in the desired direction ENTER. Set or select the highlighted option on the screen. INFO. Displays the Channel Information banner. EXIT. Exits the on-screen menu. ON TIMER. Displays the current switch

on time (if activated.)

**RESET**. Pressing it twice restores your HDTV to its factory settings. All user customized settings will be cleared.

SLEEP. Displays the "Off" Timer. While Off Timer is on-screen, press the "0" key to Set the amount of time (in 30 minute increments) at which the HDTV will turn off.

ECO. Modifies the Energy Saver level.

## **ON-SCREEN MENU** OPERATION \_

#### **CHANNEL**

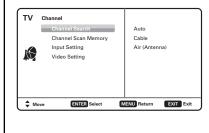
Display the On Screen menu and use the CURSOR ◀ ► keys to select Channel. Press ENTER.

#### Channel Search

Auto - Searches the detected mode, Cable or Air.

Cable - Searches for analog and unscrambled (ClearQAM) digital cable channels

Air (Antenna) - Searches for analog and digital off-air channels.



**IMPORTANT FACT:** This HDTV maintains only one database of digital channels. Therefore, when you search for cable channels, the database of antenna digital channels will be deleted. You will only be able to receive those ClearQAM channels your cable company provides.

## **Channel Scan Memory**

Channel Scan Memory lists all Analog and Digital channels found. It also lists Analog channels that were not found, which can be added.

Use the **CURSOR** ▲▼ keys to move the channel select bar through all enabled and disabled channels.

NOTE: You can use the  $CH \blacktriangle \nabla$  keys to change page.

Press ENTER to enable or disable the selected channel.

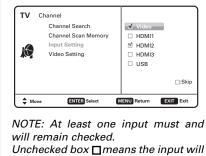
| тν   | Channel Scan Memory |           |              |             |           |
|------|---------------------|-----------|--------------|-------------|-----------|
|      | 1                   | Analog    | 03           | WREG-DT     |           |
|      | $\checkmark$        | Digital   | 03-1         |             |           |
|      |                     | Digital   | 03-2         | WCVB        |           |
|      | $\checkmark$        | Analog    | 04           | WEXT        |           |
|      |                     | Analog    | 05           | NICK        |           |
|      |                     | Analog    | 06           | NICK        |           |
|      | $\checkmark$        | Digital   | 06-1         | VBCT        |           |
| \$ м | ove                 | CH 🗘 Page | ENTER Select | MENU Return | EXIT Exit |

NOTE: For information on local digital channels, visit www.antennaweb.org

#### Input Setting

Input Setting feature allows the removal of unused inputs from the AV input loop.

Use the CURSOR  $\blacktriangle \nabla$  keys to select an AV input. Press ENTER to disable (uncheck) or enable (check) the highlighted input.



be skipped

Color Tint

Contrast

Default

MENU Return

Brightness

Color Temperature

EXIT Exit

Detailed Setting

TV Picture

Vivi

Mild

ON

Standar

ENTER Select

the **CURSOR**  $\triangleleft$   $\triangleright$  keys.

menu screen.

**♦** Adjust

Once adjustments are complete, press

ADJUSTING A PICTURE SETTING

Use the **CURSOR**  $\blacktriangle \nabla$  keys to highlight

the picture parameter you wish to

adjust. Press the ENTER key to enter the

value adjustment screen. Modify the

selected parameter's value by pressing

*NOTE:* **CURSOR ▲▼** *keys select the* 

next/previous parameter with-

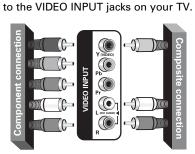
out returning to the previous

Color ------

MENU Return EXIT Exit

#### Video Setting

Use this feature to establish either a Component or Composite connection



Once in the Video Setting menu, use the CURSOR ▲▼ keys to select Component (Y/Pb/Pr) if your hookup uses five (5) jacks like on the left; or select Composite (V) if your hookup uses three (3) jacks like on the right.

NOTE: Selecting Auto Detection will establish the correct Video Setting depending on the type of connection used in VIDEO INPUT.

#### SETUP

Display the On Screen menu and use the **CURSOR** ◀ ► keys to select *Setup*. Press ENTER.

#### Menu Language

**ADVANCED V-CHIP SYSTEM (RRT5)** Choose between English, Spanish and RRT5 (V-Chip Regional Ratings 5) is an French for your On Screen menu's disadvanced V-Chip ratings system for over play language. the air digital channels. When compati-

## V-Chip (parental control)

Press **ENTER** on the desired language.

# Use this feature to automatically block

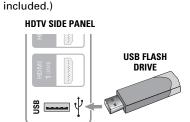
programs with content you deem as inappropriate for viewing by your children. NOTE: This feature is designed to comply with the United States of America's FCC V-Chip regulations. Therefore, it may not function with broadcasts that origi-

nate in other countries. ADJUSTING THE V-CHIP RATINGS

#### Select ON and press ENTER. Select Adjust (Standard) and press ENTER.

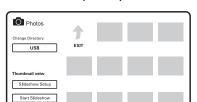
## **USB INPUT** PHOTO VIEWER

View pictures on your HDTV with the use of a USB mass storage device (not



Insert the flash drive into the USB port, the TV will display the Photo Viewer thumbnail screen.

NOTE: INPUT key can also be used to select the USB input on your HDTV.



#### **Energy Solution**

NOTE: Blocking a rating will automati-

For V-Chip (Movie) ratings select Movie

and press ENTER, and then select the

desired MPAA rating limit. Press the

EXIT key to close the V-Chip menu.

ratings.

TV V-Chip (Movie)

Ś

Move

TV V-Chip (TV)

Move

Block All

TV-Y7 TV-G Ŷ

TV-PG

TV-MA

selected rating.

MORE INFORMATION

MPAA

cally block all higher ratings.

Unblocking a rating will auto-

matically unblock all lower

NC-17

Viewable

Viewable

MENU Return EXIT Exit

ENTER Select MENU Return EXIT Exit

For V-Chip (TV) ratings select TV and

press ENTER. Use the CURSOR A V

keys to select a rating and press ENTER.

Use the **CURSOR** ▲ ▼ keys to set the

rating's status as Blocked or Viewable.

Once ratings are set, press the EXIT key

to close the V-Chip menu.

ENTER Select

ble RRT5 data is detected, it's down-

loaded & stored in memory, and the

Setup V-Chip screen is then modified to

Use the **CURSOR**  $\blacktriangle$   $\bigtriangledown$  and  $\blacklozenge$  keys to

highlight the different options, and use

the ENTER key to block or unblock the

NOTE: When vertical scroll bars appear

Additional information about MPAA

(Motion Picture Association of

America) and V-Chip rating can be

found at: www.mpaa.org and

www.v-chip.org, respectively.

press CURSOR ▲▼ to gain

access to the additional ratings.

show the Adjust (Advanced) option.

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#### • ECO (ENERGY SAVER)

ECO controls the LCD backlight brightness to reduce power consumption. - Level 1: Energy Saver feature is off. - Level 2: Low power consumption. - Level 3: Lowest power consumption.

Press ENTER on the desired level.

#### LIGHT SENSOR

This feature detects ambient room light brightness and uses that reading to control the panel brightness level and picture parameters to reduce the HDTV's power consumption.

NOTE: When room lighting is dark. the panel brightness and/or the picture setting parameters such as brightness and contrast are lowered. When room lighting is bright, parameters are affected opposite.

Use the **CURSOR** ▲▼ keys to select *On* or OFF and press ENTER.

#### • AUTO SHUT-OFF

- When Auto Shut-off feature is set to ON, it will allow the HDTV to automatically turn off when no video and/or audio signals are being received.
- NOTES: By factory default, this feature is set to ON. The HDTV will automatically turn off if no AV signals are received in a time span of 15 minutes.

Use the **CURSOR** ▲▼ keys to select *On* or OFF and press ENTER.

#### **Clock Timer**

This feature allows you to set a Current Time for your HDTV and enable a Switch On Time for the HDTV to turn on at a specific time of day.

When On Timer Function is set to ON, the TV will automatically turn on at the previously set Switch on Time.

Use the **CURSOR**  $\blacktriangle \lor$  and  $\blacktriangleleft \triangleright$  keys to modify the Current Time and/or Switch On Time.

## **ONE-YEAR LIMITED PARTS AND LABOR** WARRANTY

THIS LIMITED PARTS AND LABOR WARRANTY IS VALID ONLY ON SANYO TELEVISIONS PURCHASED AND USED IN THE UNITED STATES OF AMERICA, CANADA, AND PUERTO RICO, EXCLUDING ALL OTHER U.S. TERRITORIES AND PROTECTORATES. THIS LIMITED WARRANTY APPLIES ONLY TO THE ORIGINAL RETAIL PURCHASER, AND DOES NOT APPLY TO PRODUCTS USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES.

#### WARRANTY APPLICATION

FOR ONE YEAR from the date of original retail purchase Sanyo Manufacturing Corporation (SMC) warrants this TV to be free from manufacturing defects in materials and workmanship under normal use and conditions for parts and labor.

For the **FIRST 90 DAYS** from the date of original retail purchase, Sanyo Manufacturing Corporation will replace any defective TV via exchange at the retailer. To ensure proper warranty application, keep the original-dated-sales receipt for evidence of purchase. Return the defective TV to the retailer along with the receipt and the included accessories, such as the remote control. The defective TV will be exchanged for the same model, or a replacement model of equal value, if necessary. Replacement model will be contingent on availability and at the sole discretion of Sanyo Manufacturing Corporation. THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

#### OBLIGATIONS

For one year from the date of purchase, Sanyo Manufacturing Corporation warrants

## PICTURE Display the On Screen menu and use

the **CURSOR** ◀ ► keys to select Picture, Press ENTER.

You may choose between Vivid, Mild, and Standard, which have predetermined fixed picture parameter values, or choose the Manual option for customized personal settings.

NOTE: Each AV input can have its own picture mode (pre-determined or manual.) Current input's selected option is indicated by a blue marker.

#### MANUAL PICTURE SETTINGS

Manual parameters to adjust include: Color Tint

 Contrast Brightness

• Sharpness • Color Temperature

- The Detailed Setting option allows for the adjustment of several additional parameters such as:
- Signal Balancer Noise Reduction
- White Balance Edge Enhancer

power on.

Home Mode - For saving energy and power consumption reduction.

Store Mode - High brightness and contrast for display at retailer store.

Demo Mode - High brightness and contrast plus TV feature demonstration.

NOTE: Only Home Mode qualifies for Energy Star.

#### Motion Sync (120 Hz)



refresh rate of 120Hz. Motion Sync SSSSSync is a special Frame Rate Converter feature that helps eliminate motion blur and film judder

in scenes with fast moving action.

- On Full advantage of TV's refresh rate capabilities for the best picture quality.
- Off Disables the Motion Sync Frame Rate Converter feature.
- NOTE: Off setting is recommended for some faster paced video games due to reduced picture delay.

the EXIT key to return to H-Size / V-Size
Oynamic Contrast viewing.

SOUND

Display the On Screen menu and use the **CURSOR** ◀ ► keys to select Sound. Press ENTER.

Choose sound setting option:

Auto – Sound settings are linked to the current Picture option and parameters are adjusted accordingly.

#### Dynamic, Mild, Standard -

Predetermined sound parameters not linked with any Picture option.

#### MANUAL SOUND SETTINGS

The Manual option provides different parameters that can be personally adjusted: Bass & Treble Bass Boost Detailed Setting - Equalizer: Personalize audio highs and lows.

| v                    | Manual<br>Bass   |             | ·         |
|----------------------|------------------|-------------|-----------|
| Treble<br>Bass Boost |                  |             |           |
|                      | Bass Boost       |             | ON        |
|                      | Detailed Setting |             |           |
|                      | Default Sound    |             |           |
|                      |                  |             |           |
|                      |                  |             |           |
| Mo                   | ve ENTER Select  | MENU Return | EXIT Exit |

#### ADJUSTING A SOUND SETTING

Use the **CURSOR**  $\blacktriangle \nabla$  keys to highlight the sound parameter you wish to adjust. Press the **ENTER** key to enter the value adjustment screen. Modify the selected parameter's value by pressing the CURSOR ◀ ► keys.

*NOTE:* **CURSOR ▲▼** *keys select the* next/previous parameter without returning to the previous menu screen.

Bass ------◆ Adjust MENU Return EXIT Exit Move

Once adjustments are complete, press the EXIT key to return to normal TV viewing.



NOTE: A thumbnail hide icon will appear if a picture cannot be decoded or if no thumbnail data is available.

#### **USING THE PHOTO VIEWER**

Press ENTER on a thumbnail photo to enable the Full View and Start Slideshow functions.

Once in Full View mode:

Use the **CURSOR**  $\triangleleft$   $\blacktriangleright$  keys to change picture.

Press ENTER to show the full view options menu.

- Zoom In / Out Rotate
- Pan Slideshow setup
- Start Slideshow Browse Photo

#### SLIDE SHOW

In the Slideshow Setup menu you may turn the Shuffle and Quick Change options ON or OFF.

Press ENTER on Start Slideshow either from the Thumbnail View Screen or from the full view options menu to start the slideshow from the current picture.

this product to be free from defects in material and workmanship under normal use and conditions. During the first 90 days under this warranty for any manufacturing defect or malfunction Sanyo Manufacturing Corporation will provide a new TV via exchange at the retailer

#### HOW TO MAKE A CLAIM UNDER THIS WARRANTY

Please call 1-800-877-5032. Please be prepared to give us the television's model number and serial number when you call. The model number and serial number are printed on a label attached to the back of the unit.

#### For customer assistance, call toll free 1-800-877-5032.

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights which vary from state to state.

(EFFECTIVE: March 1, 2007)

Your Sanyo HDTV is registered at the time of purchase, please keep sales receipt for future reference.

For your protection in the event of theft or loss of this product, please fill in the information requested below and KEEP IN A SAFE PLACE FOR YOUR OWN PERSONAL RECORDS.

| Model No                  | Serial No                 |
|---------------------------|---------------------------|
| (Located on back of unit) | (Located on back of unit) |
| Purchase date             | Purchase Price            |

Where Purchased