PROTECTING THE LCD SCREEN

CAUTION: The screen can be damaged if it is not supported properly. Do not use hard objects such as 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.
Handle by two or more people recommended.
Never touch the screen when handling.
Handling damage is not covered under warranty.
Do not remove the protective covering from the front cabinet while handling the HDTV.

POSITIONING THE HDTV

• Always use a firm and flat surface when positioning your HDTV.
• Do not position the unit in a confined area.
• Allow adequate space for proper ventilation.
• Never position the HDTV where it is easily reachable by small children and may present a risk of injury.
• Once HDTV is positioned, remove the protective film covering front cabinet.

The American Academy of Pediatrics discourages media use by children younger than two years. For more information, visit www.aap.org.

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 equipment 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 cause permanent discoloration or dark spots.

CONTAINS MERCURY LAMPS, DISPOSE OF PROPERLY

SANYO television customers should contact MRM Recycling at 888-329-1449 or visit their website at www.mrmrecycling.com regarding SANYO’s waste management plan.

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 the terminals inside the remote control.
• Please properly dispose of used 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 service to the HDTV’s ANT terminal with the use of a 75 OHM coaxial cable.

NOTE: Keep your indoor antenna at least 2 ft. away from the television set and any other electronic equipment.

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. ON/OFF

3. TV SET LOCATION SELECTION: Select “Home Mode” to set the HDTV’s backlight to an Energy Star qualified level, or select “Show 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 tuning setup screen displays analog and digital channels found, as well as a digital signal strength.

Select Finish Setup and press ENTER.

NOTE: If you wish to repeat the process press 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.

HDTV INPUT/OUPUT REFERENCE

1. 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 with the use of an HDMI cable.

NOTE: A DVI connection is possible via the HDMI (DVI) INPUT1 and HD INPUT2 jack set (VIDEO2) on your HDTV.

2. COMPONENT INPUT

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

3. VIDEO INPUT (COMPONENT)

Green (Y), blue (Pr), red (Ph) Video Inputs plus the white and red Audio Outputs.

COMPONENT connection will accept SDTV, EDTV and HDTV video signals. Use it for high image quality from digital devices such as a DVD player or Video Game system.

Match your digital device’s Component output jacks to the VIDEO INPUT1 jack set (VIDEO1) on your HDTV.

NOTE: A composite connection is possible via VIDEO INPUT2 using the Y (VIDEO) jack and the L/R audio jacks (see side View of Connections).

4. VIDEO INPUT (COMPOSITE)

Yellow (Video), plus white and red (Audio) input jacks.

COMPOSITE connections are used to hookup your analog-type device such as a VCR or an older DVD player.

NOTE: Match the color of your device’s output jack, the connector and the HDTV’s input jack.

5. DIGITAL AUDIO OUTPUT (Coaxial)

Plug into a multichannel digital receiver with the use of a phono-type digital audio cable.

6. STEREO AUDIO OUT (L/R) jacks

Connect an external stereo Amplifier. (Do not connect external speakers directly to the HDTV.)

This equipment is a Class II or double insulated electrical device. It has been designed in such a way that it does not require a safety connection to electrical earth.
ON-SCREEN MENU OPERATION

Channel Scan Memory
Scan 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 ▲ ▼ keys to change page.

Setup
Display the On Screen menu and use the CURSOR ▲ ▼ keys to select Setup. Press ENTER.

Menu Language
Choose between English, Spanish and French for your On Screen menu's display language.

Press ENTER on the desired language.

Digital Caption
Captioning is textual information transmitted along with the picture and sound. Turning Captioning ON (by pressing the CURSOR key during normal TV viewing) causes the HDTV to overlay the captions (dialog or analog) and superimpose them on the highlighted input.

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

Mode (Home/Store)
Use the Mode (Home/Store) option if you would like to change the initial Energy Saving Mode chosen at HDTV's first turn-on.

Home Mode - For saving energy and power consumption reduction.

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

NOTE: Only Home Mode qualifies for Energy Star. Press ENTER on the desired mode.

REMOTE CONTROL OPERATION

Power
Power turns your HDTV on or off.

Input
Selects the video source to view. Press down to select the key displays the Input List.

ECO
Modifies the Energie Saver level.

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

On Timer
Displays the current on timer.

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

Reset
Pressing twice restores your HDTV to its factory settings. All settings with custom settings will be cleared.

Sleep
Displays the "Off" Timer. While Off Timer is displayed, press the "0" key to set the amount of time (in 30 minutes intervals) at which the HDTV will turn off.

Numeric Keys
Choose a channel directly.

CH ▲ ▼ Scan through the channels in the channel database.

Vol + - Increases or decreases the audio level.

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

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 ◄ ► keys to modify the Current Time and/or Switch On Time.

V-Chip (parental control)
Use this feature to 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 originate in other countries.

ADJUSTING THE V-CHIP RATINGS

Select ON and press ENTER. Select Adjust standard (parental) and press ENTER.

Eco Controls
View the Eco Controls screen.

NOTE: Blocking a rating will automatically block all higher ratings. Unblocking a rating will automatically unblock all lower ratings.

For V-Chip (Movie) ratings select Movie Parental and press ENTER, and then select the desired MPA rating limit. Press the EXIT key to close the V-Chip menu.

Chassis Setting
Displays the Chassis Setting menu.

NOTE:近些 the Input Setting feature allows the user to change the selected input from the AV input loop.

Display the On Screen menu and use the CURSOR ▲ ▼ keys to select Channel. Press ENTER.

Audio Setting
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.

Digital Add-On - Searches digital channel numbers newly found digital channel numbers to the channel database.

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

Input Setting
Input Setting feature allows the user to change the selected input from the AV input loop.

Use the CURSOR ▲ ▼ keys to select an AV input. Press ENTER to disable or enable (check) the highlighted input.

NOTE: Local broadcasters decide which caption signals to transmit.

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

NOTE: Local broadcasters decide which caption signals to transmit.

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

SMART SHUT-OFF Function
This feature allows you to set a Current Time for your HDTV and a Shut Off Time for the HDTV to turn off at a specific time of day. When Switch Off Time Function is set to ON, the TV will automatically turn off at the previously set Shut Off Time.

Use the CURSOR ◄ ► keys to modify the Shut Off Time and/or Switch Off Time.

NOTE: Auto Shut-Off blocks digital channels. When the HDTV is on, it only allows the HDTV to automatically turn off when no video and/or audio signals are being received.

NOTE: By factory default, this feature is set to ON. The HDTV power consumption will automatically be turned off if no audio signals are received in a time span of 15 minutes.

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

ON-SCREEN DISPLAY SETTING

Select the desired On Screen display setting.

Press ENTER on the desired setting.

1 Audyssey Dynamic Volume solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies. Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the program content is preserved, with consistent overall loudness and dynamic control. Listed and below text is the same.