

SAMSUNG COLOR TELEVISION

TX-T2041X/TX-T2042X

Owner's Instructions

Before operating, please read this manual thoroughly, and retain it for future reference.

Register your product at www.samsung.com/global/register.

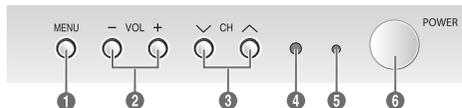
Record your Model and Serial number.

▪ Model _____ ▪ Serial No. _____

Control Panel (depending on the model)

➤ The product color and shape may vary depending on the model.

Front Panel



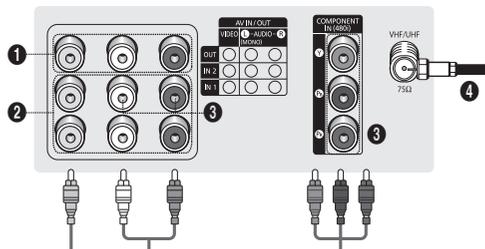
- ❶ On-screen menu display
- ❷ Volume adjustment
- ❸ Channel selection
- ❹ Remote control sensor
- ❺ Indicator (Standby or Timer)
- ❻ Power on/off

- ◆ The ❷ and ❸ buttons also have the same function as the ◀/▶/▲/▼ buttons on the remote control.
- ◆ If the remote control no longer works or you have misplaced it, you can use the controls on the panel of the television.

Connection Panel (depending on the model)

➤ The product color and shape may vary depending on the model.

Rear Jack



➤ Whenever you connect an audio or video system to your television, ensure that all elements are switched off. Please be sure to match the color coded input terminals and cable jacks.

❶ Audio/Video Output Jacks

Connect to the audio/video input jacks of a recording VCR.

❷ Audio/Video Input Jacks

Connect to the audio/video output jacks of VCRs, DVD players and similar devices.

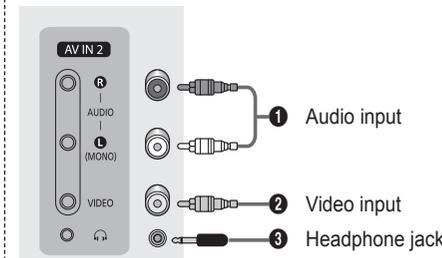
❸ Component Video Input Jacks (Y, Pb, Pr)

Connect to the Component video outputs of a DVD or DTV set-top box. 480i video signal input is available. When using the Component Video input, connect audio jacks to "AV IN 2 (AUDIO-L/R)".

❹ VHF/UHF

Connect to an antenna or to a cable TV system.

Side Jack



➤ Please be sure to match the color coded input terminals and cable jacks. When both the side and rear jacks (AV IN 2) are connected to external equipment, the side receives priority.

❶ Audio Input Jacks

Connect audio signals from a camcorder or video game.

❷ Video Input Jack

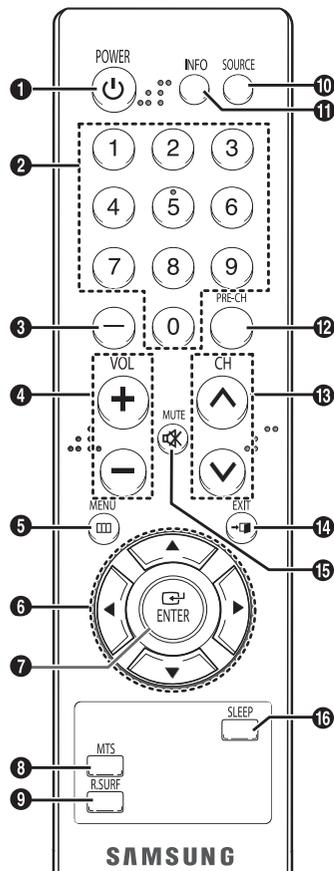
Connect a video signal from a camcorder or video game.

❸ Headphone Jack

Connect a set of external headphones to this jack for private listening.

Remote Control (depending on the model)

- Operation of remote control may be affected by bright artificial light near to the TV.
- This is a special remote control for the visually impaired, and has Braille points on the POWER, Channel and Volume buttons.

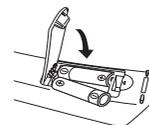


- 1 POWER**
Turns the TV on and off.
- 2 Number buttons**
Press to select channels directly on the TV.
- 3 -**
Press to select channels over 100. For example, for channel 122, press "-", then "2", then "2".
- 4 VOL +, VOL -**
Press to increase or decrease the volume.
- 5 MENU**
Displays the main on-screen menu.
- 6 ▲/▼/◀/▶**
Controls the cursor in the menu.
- 7 ENTER** 
While using the onscreen menus, press ENTER to activate (or change) a particular item.
- 8 MTS**
(Multi-channel Television Sound)
Press to choose "Stereo", "Mono", or "SAP" (Secondary Audio Program).
- 9 R.SURF**
Press to automatically return to a preferred channel after a userpresert time delay.
- 10 SOURCE**
Press to display all of the available video sources.
- 11 INFO**
Press to display information on the TV screen.
- 12 PRE-CH**
Tunes to the previous channel.
- 13 CH ^, CH v**
Press to change channels.
- 14 EXIT**
Press to exit the menu.
- 15 MUTE**
Press to temporarily cut off the sound.
- 16 SLEEP**
Press to select a preset time interval for automatic shut off.

Installing Batteries

Remove the cover. Install two AAA size batteries, then replace the cover. When the remote control does not operate normally, check that the "+" and "-" ends of the batteries are inserted correctly or the batteries are drained.

- Do not mix battery types, i.e. alkaline and manganese.



Turning the TV On and Off

Press the **POWER** button on the remote control. You can also use the **POWER** button on the TV.

Viewing the Menus

- 1 Press the **MENU** button.
The main menu is displayed on the screen. Its left side has five icons: "Input", "Picture", "Sound", "Channel", and "Setup".
- 2 Press the **▲** or **▼** button to select one of the icons. Press the **ENTER** button to access the icon's sub-menu.
- 3 Press the **▲** or **▼** button to move to items in the menu. Press the **ENTER** button to enter items in the menu.
- 4 Press the **▲/▼/◀/▶** button to change the selected items. Press the **MENU** button to return to the previous menu.
- 5 Press the **EXIT** button to exit from the menu.

Setup - Plug & Play

When the TV is initially powered on, several basic customer settings proceed automatically and subsequently. The following settings are available.

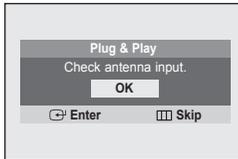
- 1 Press the **POWER** button on the remote control. The "Start Plug & Play" is displayed. Press the **ENTER** button, then the "Language" is displayed.



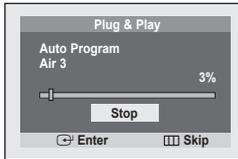
- 2 Press the **▲** or **▼** button to select the desired language, then press the **ENTER** button. The "Check antenna input." is displayed.



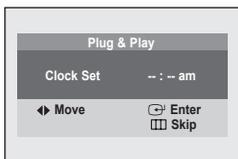
- 3 Make sure that the antenna is connected to the TV. Press the **ENTER** button, then the "Auto Program" is displayed.



- 4 Press the **ENTER** button to start. The TV begins memorizing all available channels. Press the **ENTER** button to stop.

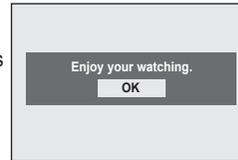


- 5 After all available channels are stored, the "Clock Set" is displayed. Press the **◀** or **▶** button to move to the hour or minute. Set the clock by pressing the **▲** or **▼** button.



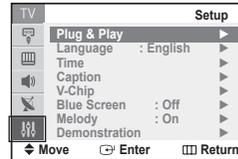
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- 6 When you have finished, press the **MENU** button. The "Enjoy your watching." is displayed.
 - Plug & Play feature doesn't work in the AV mode.



Re-setting the Plug & Play Method:

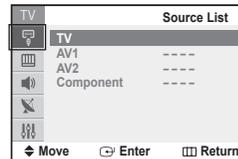
MENU → **▲/▼** (Setup) → **ENTER** → **▲/▼** (Plug & Play) → **ENTER**



Input - Source List / Edit Name

◆ Source List

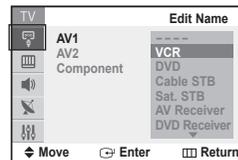
You can switch between viewing signal from connected equipment, such as a VCR, DVD, set-top box, and the TV source (broadcast or cable).



- Press the **SOURCE** button on the remote control repeatedly to select the desired signal source.

◆ Edit Name

You can give a name to the external source.



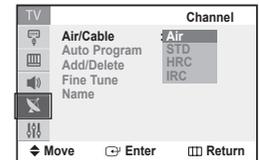
Channel - Memorizing the Channels

Your TV can memorize and store all of the available channels for both air and cable channels. After the available channels are memorized, use the **CH ▲** and **CH ▼** buttons to scan through the channels.

This eliminates the need to change channels by entering the channel digits. There are three steps for memorizing channels: "Air/Cable", "Auto Program" and "Add/Delete".

◆ Air/Cable

Before your TV can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or a cable system).



Select "Air", "STD", "HRC", or "IRC" by pressing the **▲** or **▼** button.

◆ Auto Program

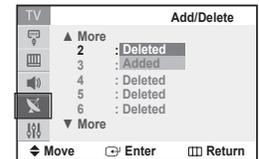
All available channels are automatically stored in memory when channels are selected by the direct tuning function.



Press the **ENTER** button at any time to interrupt the memorization process.

◆ Add/Delete

You can add or delete a channel to display the channels you want only. To use the "Add/Delete" function, first run Auto Program. Select "Deleted" or "Added" by pressing the **▲** or **▼** button.



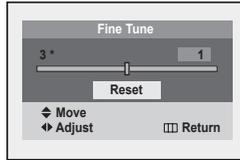
Channel - Fine Tune

The Fine Tuning function lets you manually adjust the TV's tuner if you have difficulty tuning channels.

Adjust the fine tuning by pressing the ◀ or ▶ button.

To store the fine tuning setting in the TV's memory, press the **MENU** button.

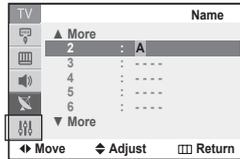
To reset the fine tuning to "0", select "Reset" by pressing the ▲ or ▼ button, then press the **ENTER** button.



Channel - Name

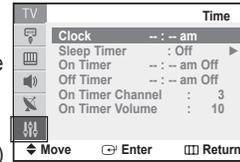
Use this feature to assign an easy-to-remember label to any channel (i.e., "CBS", "ESPN", "PBS2", "CNN1", etc.).

A label consists of four fields, where each field is a letter (A~Z), a number (0~9), a blank, or -. When the **INFO** button is pressed, the channel label will appear next to the channel number.



Setup - Time

- ◆ **Clock**
Setting the clock is necessary in order to use the various timer features of the TV. Also, you can check the time while watching the TV. (Just press the **INFO** button.)



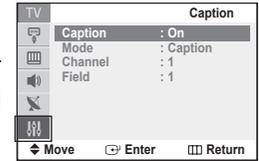
- ◆ **Sleep Timer**
You can select a time period of between 30 and 180 minutes after which the TV automatically switches to standby mode.
 - Press the **SLEEP** button on the remote control repeatedly until the appropriate time interval appears (any of the preset values from "30 Min." to "180 Min.").
- ◆ **On Timer / Off Timer**
You can set the On/Off timers so that the TV will switch on or off automatically at the time you select.
 - You must set the clock first.
- ◆ **On Timer Channel**
The preferred channel can be set for when the timer automatically turns on the TV.
- ◆ **On Timer Volume**
The preferred volume can be set for when the timer automatically turns on the TV.
- ◆ **Auto Power Off**
When you set the timer "On", the TV will eventually turn off, if no controls are operated for 3 hours after the TV was turned on by timer. This function is only available in timer "On" mode and prevents overheating or leakages, which may occur if a TV is on for too long.

Setup - Caption

Your TV decodes and displays the closed captions that are broadcast with certain TV shows.

These captions are usually subtitles for the hearing impaired or foreign-language translations.

All VCRs record the closed caption signal from TV programs, so home-recorded video tapes also provide closed captions. Most pre-recorded commercial video tapes provide closed captions as well. Check for the closed caption symbol in your TV schedule and on the tape's packaging:

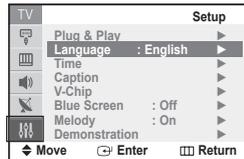


- ◆ **Caption: On/Off**
You can activate or deactivate the "Caption" function.
- ◆ **Mode**
 - In "Caption" mode, captions appear at the bottom of the screen, and they usually cover only a small portion of the picture.
 - In "Text" mode, information unrelated to the program, such as news or weather, is displayed. Text often covers a large portion of the screen.
- ◆ **Channel / Field**
Depending on the particular broadcast, it might be necessary to make changes to "Channel" and "Field". Different channels and fields display different information: Field 2 carries additional information that supplements the information in Field 1. (For example, Channel 1 may have subtitles in English, while Channel 2 has subtitles in Spanish.)
- ◆ Misspellings and unusual characters sometimes occur during closed caption transmissions, especially those of live events. There may be a small delay before captions appear when you change channels. These are not malfunctions of the TV.

Setup - Language / Blue Screen / Melody / Demonstration

◆ Language

When you start using the TV for the first time, you must select the language which will be used for displaying menus and indications.



◆ Blue Screen

Blue Screen If no signal is being received or the signal is very weak, a blue screen automatically replaces the noisy picture background. If you wish to continue viewing the poor picture, you must set the "Blue Screen" to "Off".

◆ Melody

You can hear melody sound when the TV is powered on or off.

◆ Demonstration

To become familiar with the various menus provided by the TV, you can view the in built demonstration. Each of the menu options is displayed in turn. When you wish to stop the demonstration, press any button on the remote control.

Setup - V-Chip

The V-Chip feature automatically locks out programming that is deemed inappropriate for children. The user must first enter a PIN (personal ID number) before any of the V-Chip restrictions can be set up or changed.

The "Enter Pin" screen appear after entering the V-Chip menu. Enter your 4-digit PIN number.

- The default PIN number for a new TV set is "0-0-0-0".

When the V-chip feature is active, channel-auto program features do not function.



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◆ Change PIN

Choose any 4 digits for your PIN and enter them. As soon as the 4 digits are entered, "Confirm New Pin" screen appears. Re-enter the same 4 digits. When the Confirm screen disappears, your Pin has been memorized.

- If you forget the PIN, press the remote control keys in the following sequence, which resets the pin to 0-0-0-0: **POWER (Off), MUTE, 8, 2, 4, POWER (On).**



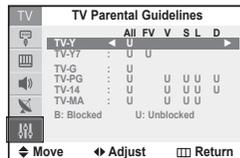
◆ V-Chip Lock: Off/On

You can activate or deactivate the V-Chip Lock function.



◆ TV Parental Guidelines

First, set up a personal identification number (PIN), and enable the V-Chip. (See previous section.) Parental restrictions can be set up using either of two methods: The TV guidelines or the MPAA rating.



TV-Y	Young children
TV-Y7	Children 7 and over

TV-G	General audience
TV-PG	Parental guidance
TV-14	Viewers 14 and over
TV-MA	Mature audience

- These categories consist of two separate groups: TV-Y and TV-Y7 (young children through age 7), and TV-G through TV-MA (everybody else). The restrictions for these two groups work independently: If a household includes very young children as well as young adults, the TV guidelines must be set up separately for each age group.

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- The TV-Y7, TV-PG, TV-14 and TV-MA have additional options:

FV	Fantasy violence
D	Dialog
L	Offensive language
S	Sexual situation
V	Violence

The V-Chip will automatically block certain categories that are "more restrictive." For example, if you block "TV-Y" category, then "TV-Y7" will automatically be blocked.

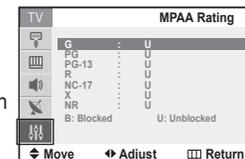
Similarly, if you block the TV-G category, then all the categories in the "young adult" group will be blocked (TV-G, TV-PG, TV-14 and TVMA).

The sub-ratings (D, L, S, V) work together similarly.

◆ MPAA Rating

The MPAA rating system uses the Motion Picture Association of America (MPAA) system, and its main application is for movies.

When the V-Chip lock is on, the TV will automatically block any programs that are coded with objectionable ratings (either MPAA or TV-Ratings).



G	General audience (no restrictions).
PG	Parental guidance suggested.
PG-13	Parents strongly cautioned.
R	Restricted. Children under 17 should be accompanied by an adult.
NC-17	No children under age 17.
X	Adults only.
NR	Not rated.

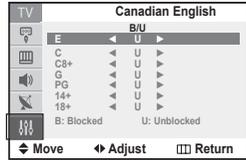
- The V-Chip will automatically block any category that is "more restrictive." For example, if you block the "PG-13" category, then "R," "NC-17," and "X" will automatically be blocked also.

U.S.A Only

This product is covered by the following U.S. patents : US4,930,158 US4,930,160

◆ **Canadian English**

E Exempt programming includes... news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.



C Programming intended for children under age 8.

C8+ Programming generally considered acceptable for children 8 years and over to watch on their own.

G General programming, suitable for all audiences.

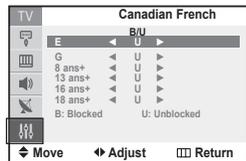
PG Parental Guidance.

14+ Programming contains themes or content which may not be suitable for viewers under the age of 14.

18+ Adult programming.

◆ **Canadian French**

E Exempt programming includes... news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.



G General.

8 ans+ Not recommended for young children.

13 ans+ Programming may not be suitable for children under the age of 13.

16 ans+ Programming is not suitable for children under the age of 16.

18 ans+ Programming restricted to adults.

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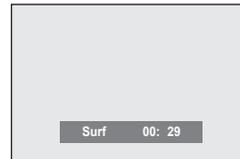
◆ **How to Reset the TV after the V-Chip Blocks a Channel (“Emergency Escape”)**

Blocks a Channel (“Emergency Escape”) If the TV is tuned to a restricted channel, the V-Chip will block it. The screen will go black and the following message will appear: “Excessive rating”.

To resume normal viewing, tune to a different channel using the number buttons. Under certain conditions (depending on the rating of the local TV programs) the V-Chip might lock out all the channels. In this case, use the V-Chip function for an “emergency escape”: Press the **MENU** button to display the menu. Press the **▲** or **▼** button to select the “Setup” menu and press the **ENTER** button. Press the **▲** or **▼** button to select the “V-Chip” menu and press the **ENTER** button. Enter your PIN number, and press the **▶** button to temporarily disable the V-Chip Lock.

R.Surf Feature

This feature allows you to set the TV to return to a particular channel after a certain amount of time. For example, you may be watching a channel when commercials start. You can set the R.Surf to “5 minutes”, then switch channels. After minutes, the TV will return to the original channel.

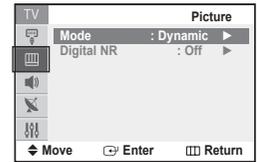


Press the **R.SURF** button repeatedly to set the timer in thirty second intervals, up to five minutes.

Picture - Mode / Custom / Color Tone / Digital NR

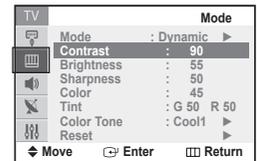
◆ **Mode: Dynamic/Standard Movie/Custom**

You can select the type of picture which best corresponds to your viewing requirements.



◆ **Contrast/Brightness/Sharpness/Color/Tint**

The TV has several settings which allow you to control the picture quality.



◆ **Color Tone: Cool2/Cool1/Normal/Warm1/Warm2**

You can change the color of the entire screen according to your preference.

◆ **Reset**

The previously adjusted picture settings will be reset to the factory defaults.

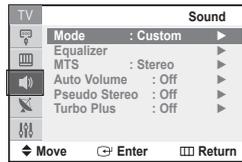
◆ **Digital NR**

If the signal received by the TV is weak, you can activate this feature to reduce any static and ghosting that may appear on the screen.

Sound - Mode / Equalizer / MTS / Auto Volume / Pseudo Stereo /Turbo Plus

◆ **Mode: Standard/Music/ Movie/Speech/Custom**

You can select the type of special sound effect to be used when watching a given broadcast.



◆ **Equalizer**

The TV has several settings which allow you to control the sound quality.

➤ If you make any changes to these settings, the sound mode is automatically switched to "Custom".

◆ **MTS (Multi-channel Television Sound)**

Depending on the particular program being broadcast, you can listen to Mono, Stereo, or SAP.

➤ Press the **MTS** button on the remote control repeatedly to select "Stereo", "Mono", or "SAP" (Secondary Audio Program).

◆ **Auto Volume**

Each broadcasting station has its own signal conditions, and so it is not easy to adjust the volume every time the channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

◆ **Pseudo Stereo**

This feature converts a monaural sound signal into two identical left and right channels. Once the "Pseudo Stereo" is set to "On" or "Off", the setting applies to the sound effects such as "Standard", "Music", "Movie" and "Speech".

◆ **Turbo Plus**

This feature emphasizes the bass and treble frequencies to add fullness to the sound.

Troubleshooting

If the TV seems to have a problem, first try this list of possible problems and solutions. If none of these troubleshooting tips apply, then call your nearest Samsung authorized service center.

Poor picture.

- ◆ Try another channel.
- ◆ Adjust the antenna.
- ◆ Check all wire connections.

Poor sound quality.

- ◆ Try another channel.
- ◆ Adjust the antenna.

No picture or sound.

- ◆ Try another channel.
- ◆ Press the **SOURCE** button.
- ◆ Make sure the TV is plugged in.
- ◆ Check the antenna connections.
- ◆ Make sure the **MUTE** button is off.

No color, wrong colors or tints.

- ◆ Make sure the program is broadcast in color.
- ◆ Adjust the picture settings.

Picture rolls vertically.

- ◆ Adjust the antenna.
- ◆ Check all wire connections.
- ◆ If you are using a VCR, check the tracking.

The TV operates erratically.

- ◆ Unplug the TV for 30 seconds, then try operating it again.

Your remote control does not operate your TV.

- ◆ Make sure the remote has batteries.
- ◆ Check that the "+" and "-" ends of the batteries are inserted correctly.
- ◆ Check that the batteries are drained.

The TV won't turn on.

- ◆ Make sure the wall outlet is working.
- ◆ Make sure the TV is plugged in.
- ◆ Make sure the remote has batteries.

Remote control malfunctions

- ◆ Replace the remote control batteries.
- ◆ Clean the upper edge of the remote control (transmission window).
- ◆ Check that the "+" and "-" ends of the batteries are inserted correctly.
- ◆ Check that the batteries are drained.

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