➤ Identifying the remote control buttons

Remote radiating window

Power button — Power indicator

Mute button

Enter TV source button — TV | Mute | Source — Source selecting button

Program selecting/number button — 1 2 3 / 4 5 6 / 7 8 9

Display information button — Display 0 Recall — Recall button

Set sleep timer button — Sleep

Special function buttons

PIP mode selecting button — PIP — Channel up of PIP picture
Interchange the main and sub picture button — PIP Swap / PIP Source — PIP source selecting button
Change the position of PIP picture — PIP Move / PIP CH∨ — Channel down of PIP picture
Picture mode selecting button — Picture
Menu button — Menu / Sound — Sound mode selecting button
OK button — CH∧ — Channel up/Cursor up button
Volume down/Cursor left button — VOL∨ OK VOL∧ — Volume up/Cursor right button
Picture still button — Still / CH∨ / Zoom — Zoom button
Adjust CC mode — CC / SAP — Channel down/Cursor down button
Audio select button
Mono/Stereo/SAP operation

Invalid buttons

Note:
1. **The figures above are for reference only.**
2. **Those buttons without comment have no relations with this TV.**

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➤ Brief operations of remote control

Change the batteries

1. Open the battery cover on the back of the remote control.
2. Install two AAA size (1.5V) batteries. Match the "+" and "-" signs on the batteries to the signs on the battery compartment.
3. Close the battery cover.

Note:

1. Dispose of your batteries in a designated disposal area. Do not throw the batteries into fire.
2. Do not mix battery types or combine used batteries with new ones.
3. Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.
4. If you do not intend to use the remote control for a long time, remove the batteries.
5. The effective range of remote control is suggested below.

The effective range of remote control

1. The remote control distance: 8 meters in front of the TV set.
2. The remote control angle: taking the television infrared light receiver window as an apex, 6 meters away, its controlled angle (left to right) is within 30 degrees, while the vertical angle (up to down)is within 30 degrees.

➤ Power on/off

1.To turn on the TV: Connect the TV using power cord supplied to a power outlet. TV will now be in standby mode and front panel power light should be "red".
2.Press the power button on the front control or on the remote control to switch on the TV. Power standby light will change from red to blue and image will appear on screen (5-10 seconds).
3.Wait at least 5 seconds after turning off the TV to re-start the TV.
Note:
Always remove the AC power plug from the outlet when not using this TV for a long period of time.

➤ Changing Channels/ Volume

1. Press [CH∧ / ∨] button on the remote control, you can change the channels.
   (Press [VOL∧ / ∨]button to raise or lower the volume).
2. Press [CH▲/▼]button on the front panel of the TV set, you can also change the channels.
   (Press [VOL▲/▼] button to raise or lower the volume).
3. Press the numeric buttons on the remote control to display the corresponding channels.
Note:
Changing the channels can also be achieved by directly pressing the Program No. If you want to choose the program No. from 1 to 9, press the numeric buttons directly. If you want to select a program No. that double-digit or three-figure, the time between twice pressing the numbers should not be more than 3 seconds.

➤ Select input source

Choose the current input signal of the main picture. First press this button to display the signal inputs. Press [CH∧ /CH ∨]button to select the source you wanted to enter, then press [VOL∧/OK] button to confirm.

➤ Change picture mode

It can be set as Bright, Standard, soft and User. This mode achieves a certain image display effect by setting the brightness, contrast and color etc.

➤ Change sound mode

It can be set as Music, Standard, Speech and User. This mode achieves a special sound effect by setting equalizer. If the SRS TSXT is "on", sound mode is invalid.

➤ Still picture

Press this button the moving picture become a still one.

➤ Mute sound

Press [Mute] button to turn the sound off, press this button again to turn the sound back on. This function is used to switch off sound temporarily.

➤ Set sleep timer

It can set the TV to let it enter into the Standby state automatically, Press this button repeatedly to select the proper sleeping clock mode, and the clock tells you the remaining time before the TV enters Standby state. The clock mode is as follows: Off-10minutes-20minutes-30minutes… 120minutes.

➤ Change view ratio

For the various Sources, this unit has set various display modes. Press Zoom button to display Zoom menu, including "1:1", "4:3", "16:9", "Zoom 1", "Zoom 2", "Smart Zoom".

◇ 4:3: Shows the standard 4:3 ratio picture image in the center of the TV with dark bars on the left and right.

◇ 16:9: This mode display the picture of input source expanded to fill the screen.

◇ Zoom1: Proportionally stretches the TV picture, but clips the top and bottom of the image to fit the screen. Eliminates black bars.

◇ Zoom2: Zooms further into the middle of the screen and clips off more from the top and bottom.

◇ Smart Zoom: Similar to 16:9 mode, but shows more of the sides.

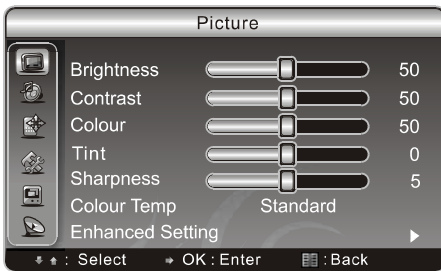**Note:** The option of zoom mode is different in different sources.

➤ Channel settings

```
                 Channel
    Program No.              25
    Colour System           Auto
    Fine Tune               ▶
    RF Input                Air
    Auto Search             ▶
    Program Edit            ▶

    ↕ : Select    → OK : Enter    ▦ : Back
```

1 Press Menu button to display the main menu.
2 Press [CH∧ / CH∨] button to select Channel item.
3 Press [VOL∧/OK] button to enter Channel menu.
4 Press [CH∧ / CH∨] button to select the option, press
   [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
   to adjust the option.
5. When you are finished, press the Menu button to close
   the menu.

The options are:
■ **Program NO.:** Adjusts the current channel number.
■ **Colour System:** Adjusts the colour system.
■ **Fine Tune:** Fine adjusts frequency to achieve a perfect effect.
■ **RF Input:** Selects the mode of RF input.
■ **Auto Search:** Searches the channels automatically.
■ **Program Edit:** Edit the channels, Including:
   ◇ Rename: press Red button to change the name of the selected channel. Press [▲/▼] button
     to adjust the token of the name. Press [OK] button to confirm or Green button to cancel. The
     longest channel number name has 6 letters.
   ◇ Skip the channel: press Green button to select skip function. If you want to cancel skip, press
     Green button again.
     The channels which are set to skipped will be skipped when pressing the [CH∧ / ∨]button on
     the remote control to brows the programs. However, they will still be directly selected by
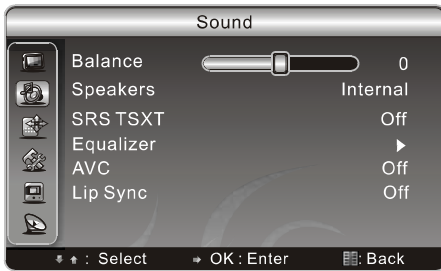   pressing the Program No.

➤ Picture settings

```
                    Picture
   ▣  Brightness    ▭▭▭█▭▭▭    50
   ◑  Contrast      ▭▭▭█▭▭▭    50
   ◩  Colour        ▭▭▭█▭▭▭    50
   ◈  Tint          ▭▭▭█▭▭▭     0
   ◪  Sharpness     ▭▭▭█▭▭▭     5
   ▣  Colour Temp        Standard
   ◭  Enhanced Setting            ▶
   ↕ ↑ : Select   ↪ OK : Enter   ▦ : Back
```

1 Press Menu button to display the main menu.
2 Press [CH∧ /CH ∨] button to select Picture item.
3 Press [VOL∧/OK] button to enter Picture menu.
4 Press [CH∧ /CH ∨] button to select the option, press
   [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
   to adjust the option.
5. When you are finished, press the Menu button to close
   the menu.

The options are:

■ **Brightness:** Increases the brightness to add more light to dark areas of the picture. Decreases
   the brightness to add more dark to light areas of picture.

■ **Contrast:** Increases the picture level to adjust the white areas of the picture. Decreases the
   picture level to adjust the black areas of the picture.

■ **Colour:** Adjusts the intensity of the colour.

■ **Tint**: **Control will be appeared only if NTSC signal is received**.

■ **Sharpness:** Increases the sharpness level to show cleaner and cleaner image. Decreases the
   level to show a smoother picture.

■ **Colour Temp.:** Selects the colour temperature. You can select Standard, Warm or Cool.

■ **Enhanced Setting:** Accesses advanced video settings, Including:

   ◇ BackLight: Backlight brightness adjustment.

   ◇ DNR: It can optimize the picture signal from time and space; reduce the outside noise
      interference and return the pure initial signal. It has four ratings: Low, Standard, Strong and
      Off.

   ◇ CTI: Marginal improvements in color, that color the edge of a sharp transition

   ◇ Flesh Tone: When this feature is "on" state, the TV could be the basis of image content, for
      color correction.

   ◇ ALC: According to the screen in different scenes, the dynamic adjustment of image contrast
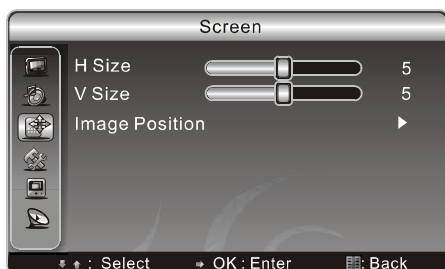   to show the effect of better quality.

➤ Sound settings

Sound	
Balance	▭▬▭ 0
Speakers	Internal
SRS TSXT	Off
Equalizer	▶
AVC	Off
Lip Sync	Off

⇕ ⇧ : Select   ⇨ OK : Enter   ⬛: Back

1 Press Menu button to display the main menu.
2 Press [CH∧ /CH ∨] button to select Sound item.
3 Press [VOL∧/OK] button to enter Sound menu.
4 Press [CH∧ /CH ∨] button to select the option, press
    [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
    to adjust the option.
5.When you are finished, press the Menu button to close
    the menu.

The options are:

■ **Balance:** Adjusts the volume from the left and right speakers.

■ **Speakers:** Choice of internal speaker or external speakers, when the speaker is set to internal,
    the TV sound is output to the machine speaker; when the speaker is set to external, the sound
    through the audio line output to connect to other external speaker at this time, at the same time,
    the switch to open an external speaker.

■ **SRS TSXT:** Enhance the sound of the surround sound and bass effects. If the SRS TSXT is "on",
    Equalizer and sound mode is invalid.

■ **Equalizer:** Weaken or enlarge the sound of the main frequency points.

■ **AVC:** Auto volume control, turns automatic volume control on or off. The option keeps the audio
    in a preset range to eliminate large spikes in volume.

■ **Lip Sync:** Keep sound and image synchronization.

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Screen settings

Screen

H Size ▭▭▬▭▭▭ 5
V Size ▭▭▬▭▭▭ 5
Image Position ▶

⬍ ⬆ : Select   ➡ OK : Enter   ▦ : Back

1 Press Menu button to display the main menu.
2 Press [CH∧ /CH ∨] button to select Screen item.
3 Press [VOL∧/OK] button to enter Screen menu.
4 Press [CH∧ /CH ∨] button to select the option, press
    [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
    to adjust the option.
5. When you are finished, press the Menu button to close
    the menu.

The options are:

■ **H-Size:** Adjusts the horizontal size of the image.

■ **V-Size:** Adjusts the vertical size of the image.

■ **Image Position:** Adjusts the position of image on screen by press [CH∧ /CH ∨/VOL∧/VOL∨]
  button.

■ **Phase:** (Only for VGA source)Adjusts the phase of the clock used for synchronizing the image.

■ **Manual Clock:** (Only for VGA source)Adjusts the clock used for synchronizing the image.

Note:
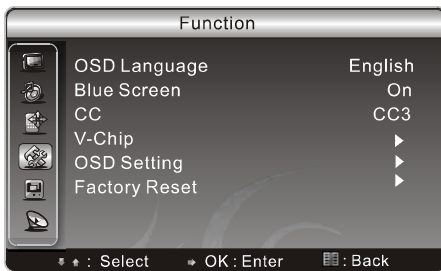**The options of screen are changed in different source.**

Take Windows2000 as an example, and the Windows system display setting is as illustrated:
1   Click "Setting" on the Windows Start menu and select "Setting" to move the mouse horizontally
     to click "Control Panel".
2   The control panel window appears; click "Display" to display a dialogue box.
3   Find the "Settings" item on the dialogue box, set the screen Resolution.
4   Click "OK" to exit.

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➤ Function settings

Function

	OSD Language	English
	Blue Screen	On
	CC	CC3
	V-Chip	▶
	OSD Setting	▶
	Factory Reset	▶

✦ : Select   ➡ OK : Enter   ▦ : Back

1 Press Menu button to display the main menu.
2 Press [CH∧ /CH ∨] button to select Function item.
3 Press [VOL∧/OK] button to enter Function menu.
4 Press [CH∧ /CH ∨] button to select the option, press
    [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
    to adjust the option.
5.When you are finished, press the Menu button to close
    the menu.

The options are:
■ **OSD Language:** Sets the menu language.
■ **Blue Screen:** Turns on or off display of a blue screen as the image when there is no video
   signal.
■ **CC:** sets the CC mode. The CC closed temporarily when the OSD menu appears or the PIP
   Mode is not in "off" state.
■ **V-Chip:**   When you first use this function,the default Password is [0000]. Only you input this
   password, you can continue to the next operation. The Motion Picture Association of America
   (MPAA) uses a rating system to qualify motion picture content. Television broadcasters employ
   a rating system to qualify the content of televison programs as well. The MPAA and TV ratings
   work with the V-CHIP feature and allow you to block out programming above the rating limits
   you determine.

◇ MPAA Rating:

Rating	Defined as
G	General audience
PG	Parental Guidance suggested
PG-13	Parents strongly cautioned
R	Restricted
NC-17	No one 17 and under admitted
X	Adult audience only

◇ TV Rating:
The TV ratings are divided into two groups: age-based and content-based.

Age	Defined as
TV-Y	All children
TV-Y7	Directed to older children
TV-G	General audience
TV-PG	Parental Guidance suggested
TV-14	Parents Strongly cautioned
TV-MA	Mature Audience only

Contents	Defined as
FV	Fantasy Violence
V	Violence
S	Sexual situations
L	Strong language
D	Suggestive dialogue

➤ Function settings

◇ Canadian English Rating:

Rating	Description
CE-E	Exempt
CE-C	Children
CE-C8	Children eight years and older
CE-G	General Programming,suitable for all audiances
CE-PG	Parents Guidance
CE-14	Viewers 14 years and older
CE-18	Adult programming

◇ Canadian French Rating

Rating	Description
CF-E	Exempt
CF-G	General
CF-8ANS	8+ General Not recommended for young children
CF-13ANS	Programming may not be suitable for children under the age of 13
CF-16ANS	Programming is not be suitable for children under the age of 16
CF-18ANS	Programming restricted to adults

NOTE: As you block rating,all rating higher than the ones you select are blocked as well. For example,if you choose to block the MPAA rating R,the higher ratings,NC-17 and X, are automatically blocked too.

◇ Block MPAA Unrated/Block TV None Rating: Block the programs that MPAA/TV not rated.
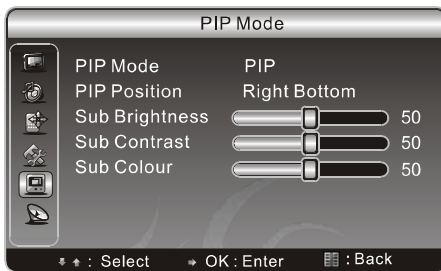
◇ Change Password:At the first time, you can use the default password. If you want to change it, first enter the new password then enter the same password again. You will get the new password.

■ **OSD Setting:** It includs Time, and Transparency, sets the time and transparency of menu separately.

■ **Factory Reset:** Resets your TV to the factory defaults. You can use this function when this unit is in an abnormal state or for any other reason you want it to return to factory reset.

PIP settings

PIP Mode

PIP Mode   PIP
PIP Position   Right Bottom
Sub Brightness   50
Sub Contrast   50
Sub Colour   50

↕ : Select   → OK : Enter   ▦ : Back

1 Press Menu button to display the main menu.
2 Press [CH∧ /CH ∨] button to select Channel item.
3 Press [VOL∧/OK] button to enter Channel menu.
4 Press [CH∧ /CH ∨] button to select the option, press
   [VOL∧/OK] button to enter or press [VOL∧/VOL∨] button
   to adjust the option.
5. When you are finished, press the Menu button to close
   the menu.

The options are:
■ **PIP Mode:** Sets the mode of the sub picture.
■ **PIP Position:** Sets the position of the sub picture.
■ **Sub Brightness:** Sets the brightness of the sub picture.
■ **Sub Contrast:** Sets the contrast of the sub picture.
■ **Sub Colour:** Sets the colour of the sub picture.

Appendix

➤ Specification

Power supply		Refer to rating label
Receiving systems	RF	NTSC
	AV	NTSC
Component Input		480I、480P 720P/50Hz、720P/60Hz、1080I/50Hz、1080I/60Hz 1080P/50Hz、1080P/60Hz
VGA Input		VGA（640×480　60Hz）、SVGA（800×600　60Hz） XGA（1024×768　60Hz）
HDMI Input		RGB/60Hz（640×480、800×600、1024×768） YUV/50Hz（720P、1080I、1080P） YUV/60Hz（480I、480P、720P、1080I、1080P）

➤ Trouble shooting

When something appears wrong with your TV refer to below chart. If the proposed remedy's do not work , then unplug the AC cord from wall, wait at least 60 seconds, plug AC back in and then Turn on the TV.   If the problem still cannot be solved, please contact the help line provided on the warranty card or a professional technician.

Symptom	Remedy
No sound or picture	Check if the power cord is in the AC outlet and if it has electricity. Check if you have pressed Power button on the TV or Power button on the remote control. Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	Check for the correct output connection on the external source and for the correct input connection on the TV. Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound	Check the volume settings Check if Mute mode is set "on"
Sound but no picture or black and white picture	If black and white picture first unplug TV from AC outlet and replug after 60 seconds. Check Colour Setting if picture is black and white
Sound and picture distorted or appear wavy.	An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. Insert the power plug of the TV set into another power outlet
Sound and picture is blurry or cuts out momentarily	If using an external antenna, check the direction, position and connection of the antenna. Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking	Check if there is interfering source nearby, such as appliance or electric tool
The plastic cabinet makes a "clicking" type of sound.	"Click" sound " can be caused when the room temperature changes. This change causes the television cabinet to inflate or contract, which makes the sound. This is normal and TV is OK.
Black square appears in the center of my television screen?	The Closed Caption function is set in the "text" mode. To remove it, access Closed Caption from the menu screen and change the Mode setting from "text" to either "CC1" or "off".
On some channels getting another language or sometimes no sound at all.	That would indicate that the MTS mode on your unit is set to "SAP" mode. We suggest setting the MTS mode to either "Stereo" or "Mono". For further instruction, please see "Audio Adjust" or "Multichannel TV Sound (MTS)" in your user manual.

Symptom	Remedy
	SAP is Second Audio Program. It's a second audio channel that is usually used for a second language or descriptive audio for the visually impaired. MTS stands for Multichannel Television Sound, a standard that allows the encoding of 3 channels of audio within a standard NTSC (analog) video signal to a television. A television that is able to receive MTS Stereo allows you to watch television with stereo sound.
Not getting all of my cable channels on the television or I'm only getting 13 channels.	Check the cable connection for an incoming signal. Make sure the signal is coming OK. Best way to confirm signal is to use another TV and/or contact your cable company. Reprogram your channels. Press menu on your TV remote control, change antenna input setting to "Cable", then use "auto program" to reprogram your channels.
CH Up & CH Down don't work when I set the Channel to Cable? They work with the Air setting?	After switching to Cable, please auto program the channels. The TV will "remember" all the channels then the TV will allow you to surf the channels with CH up or CH down buttons.
Remote control does not work	Confirm that TV still has power and is operational. Change the batteries in the remote control Check if the batteries are correctly installed Clean the front of the remote control (LED window) If using a universal remote, be sure to select the TV mode on the remote. If the remote still does not work: 　○ oremove and reinstall the batteries correctly to reset the remote or install new batteries 　○ opress TV and then Power to turn on the TV. With a universal remote if you have reset or changed the batteries you will need to reprogram the remote for the other units. Check if there is obstruction between the remote control and the TV. TIP: If you have a digital camera/camera phone, you can aim the front of the remote at camera lenses (at this time, the camera should set on camera mode, not play mode). Observe the camera screen while pressing a button on the remote control; you should see flashing light on the screen. If there is no light observed, the remote control is not working. You need to repair or replace the remote control.

➤ Accessories

Remote control............................1
User's Manual.............................1
Dry Cell Battery...........................2

Appendix

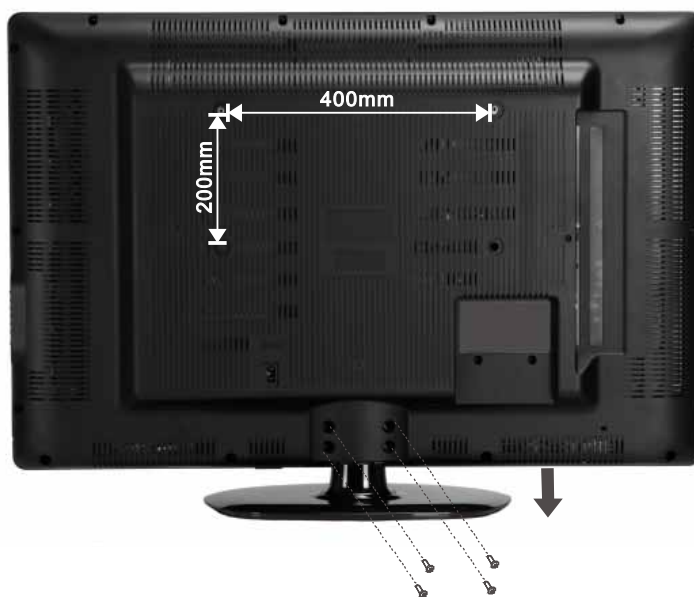## Wall-mounting Bracket Installation

Unit Dimension(unit: mm)	Screw Diameter
400x200	M4

Remark: The specification of screw is just used on the back cabinet.

NOTE: Wall mount bracket is not included with TV and mounting of wall mount bracket to wall may
vary depending on brand and size of bracket. Customer should consult bracket mounting
instructions that came with wall mount for specific information on how to mount bracket to wall.

 Removing TV Stand

1. Cover the surface of the table with soft cloth to avoid damage to LCD panel.

2. Lay the TV on a plane table which could bear a weight enough.

3. Remove the 4 bolts fixing the stand and remove the stand from TV.

Before reading the installing instruction, please notice:

A. The wall mount is not contained in the accessories sold with television. We only provide the installing specifications but not the wall mount itself. If you need the mount, please consult with the local dealer for the assorted fitting parts.

B. We strongly suggest to set the wall mount with equipments of specification we ordered. If not, inappropriate installing may cause damage to both the device and yourself.