

# Connections

You can connect various external devices to the TV. For more information on an external device's connection, refer to the manual provided with each device.

## Antenna/Cable

Connect an antenna, cable, or cable box to watch TV. The illustrations may differ from the actual items and an RF cable is optional.

- Make sure not to bend the copper wire of the RF cable.
- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital.
- This TV cannot receive ULTRA HD (3840 x 2160 pixels) broadcasts directly because the related standards have not been confirmed. (Depending upon model)

## Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable.

### HDMI

- When connecting the HDMI cable, the product and external devices should be turned off and unplugged.
- HDMI Audio Supported Format: (Depending upon model)

DTS(44.1kHz /48kHz /88.2kHz /96kHz),

DTS HD (44.1kHz /48kHz /88.2kHz /96kHz /176.4kHz /192 kHz),

True HD (48kHz),

Dolby Digital / Dolby DigitalPlus (32kHz /44.1kHz /48kHz), PCM (32kHz /44.1kHz /48kHz / 96kHz /192kHz)

### External Devices

Supported external devices are: Blu-ray player, HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. For more information on external device's connection, refer to the manual provided with each device.

- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information about recording, refer to the manual provided with the connected device.

- The external device connections shown may differ slightly from illustrations in a manual.
- Connect external devices to the TV regardless about the order of the TV port.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast, or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate, or adjust the brightness and contrast on the Picture menu until the picture is clear. Depending upon the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.
- Some USB Hubs may not work. If a USB device connected through a USB Hub is not detected, connect it directly to the USB port on the TV.
- The TV may be capable of operating without a set-top from a multichannel video programming distributor (MVPD).
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable.

## Using Button

You can simply operate the TV functions, using the button.

### Basic functions

- 1 All running apps will close.
- 2 You can access and adjust the menu by pressing the button when TV is on.
- 3 You can use the function when you access menu control.

### Adjusting the menu

When the TV is turned on, press the button one time. You can adjust the Menu items using the button.

## Using Remote Control

(Depending upon model)

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly. To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.

Make sure to point the remote control toward the remote control sensor on the TV.

## Using Magic Remote Control

(Depending upon model)

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly. To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.

## Registering Magic Remote Control

### How to register the Magic Remote Control

To use the Magic Remote, first pair it with your TV.

1. Put batteries into the Magic Remote and turn the TV on.
2. Point the Magic Remote at your TV and press the Wheel (OK) on the remote control.

\* If the TV fails to register the Magic Remote, try again after turning the TV off and back on.

### How to deregister the Magic Remote Control

Press the (BACK) and (HOME) buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.

\* Pressing and holding the button will let you cancel and re-register Magic Remote at the same time.

## User Guide

For more information about this TV, read the USER GUIDE embedded in the product.

\* To open the USER GUIDE → [General] → [About This TV] → [User Guide]

## Troubleshooting

### Cannot control the TV with the remote control.

- Check if any thing such as tape has been placed over the receiver.
- Check if there is any obstacle between the product and the remote control.
- Re place the batteries with new fresh ones.

### No image display and no sound is produced.

- Check if the product is turned on.
- Check if the power cord is connected to a wall outlet.
- Check if there is a problem in the wall outlet by connecting other products.

### **The TV turns off suddenly.**

- Check the power control settings. The power supply may be interrupted.
- Check if the auto-off function is activated in the settings menu.
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

### **Abnormal Display**

- If the TV feels cold to the touch, there may be a small flicker when it is turned on. This is normal; there is nothing wrong with TV. Some minute odd effects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV's performance. Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.
- This panel is an advanced product that contains millions of pixels. In a very few cases, you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.
- Displaying a still image for a prolonged period of time may cause an image sticking. Avoid displaying a fixed image on the TV screen for an extended length of time.

### **Generated Sound**

- Cracking noise A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal expansion and contraction is required.
- Electrical circuit humming/panel buzzing A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to the product. It varies depending upon the product. This generated sound does not affect the performance and reliability of the product.

## **Specifications**

Product specifications may be changed without prior notice due to upgrade of product functions. Estimated yearly energy consumption indicated on the FTC label is measured in accordance with the Test Procedures for Television Sets (USA only). The actual energy consumption depends on the usage environment (The content watched, TV settings, etc.).

### **Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

