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Country	Customer Care Center ☎	Web Site	Address
CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com	Samsung Electronics Canada Inc., Customer Service 55 Standish Court Mississauga, Ontario L5R 4B2 Canada
South America	01-800-SAMSUNG (726-7864)	www.samsung.com	C.P 11570 AV. Presidente Masaryk No.111, Int. 701 Col. Chapultepec Morales, Delegacion Miguel Hidalgo Mexico D.F
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660-2112

A Warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

"excessive sound pressure from earphones and headphones can cause hearing loss."



BN68-03328B-00

LED TV - D7000 and above
PDP TV - D8000

Touch Control user manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register
your product at

www.samsung.com/register

SAMSUNG

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* Product design and specifications may be changed without notice.

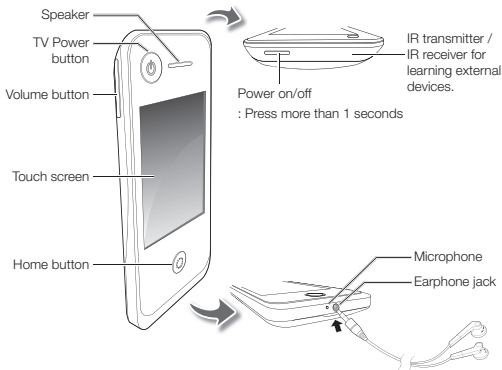
* Avoid displaying still images (such as jpeg picture files) or still image elements (such as TV Program logos, panorama or 4:3 format images, stock or news bars at the screen bottom etc.) on the screen. The continuous display of a still picture can cause ghosting of LCD screen, which can affect image quality. To reduce the risk of this occurring, please follow these recommendations:

- Avoid displaying the same TV channel for long periods.
- Always try to display any image on a full screen. Use the TV set picture format menu for best possible match.
- Reduce brightness and contrast values to the minimum required to achieve the desired picture quality. Exceeding these values may speed up the burn-in process.
- Frequently use all the Touch Control features designed to reduce image retention and screen burn-in. Refer to the proper user manual section for details.

Use basic functions



Description



Accessories



Touch Control

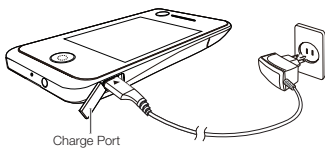
Inserting the battery



- 1 Pull up using the slot provided, while lifting the cover off the Touch Control.
- 2 Insert the battery with the Samsung logo facing up.
- 3 Align the cover and press it firmly into place, making sure it snaps into place at the corners.

Charging the battery

Charge the battery fully before using the Touch Control.



- 1 Insert the charging cable into the charging port, as shown above.
- 2 Plug the power adapter into the outlet.

NOTE

- Be sure to use the supplied Power Adapter for charging the battery.

First Time User Setup



The default setup screen appears when your Touch Control is turned on for the first time. To connect the Touch Control to the TV, you must complete the following steps.

1 Turn on TV.

- The Touch Control uses IR signals. Point the Touch Control at the IR sensor on the TV when you press a button.

2 Select the desired Language and tap **<Next>**.



3 **Keep within 10inches (25cm)** between Touch Control and center of Samsung TV. Tap **<Next>**.

- It may take about one minute to connect TV. If the connection fails, check the wireless settings on the TV and try again.
- If the connection fails few times, tap **<Skip>** and refer to "Setting up the network" (p. 7).

4 Tap **<OK>**.

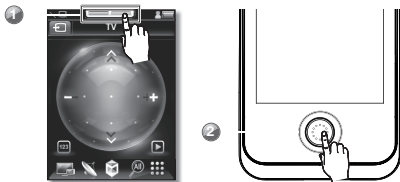
5 You can see the Gesture Guide. Tap **<Next>**.

6 You can continue to initialize the TV using Touch Control.

- For initial TV settings, refer to the TV manual.

How To Use Touch Control

Mode Switch / Home Button Functions



- 1 Mode Switch: Switch to the <TV Control> or <Applications> screen.

You can use Home Button Functions as below.

- 2
- One Click: Go to Home Screen or Exit.
 - Double Click: Switch to the <TV Control> or <Applications> screen.
 - Long Press: Synchronize with current TV process.

Double Tap / Flick / Shake



Touch Control

- 1 123 Screen: The following flick commands are available.
- Up/Down: Change the channel.
 - Left/Right: Adjust the volume.
- 2 Playback Screen: The following commands are available.
- Up / Down / Left / Right Flick: Direction keys.
 - Double tap: Enter key.
- 3 Shake the Touch Control twice: Mute TV.

Setting up the Network



Setting Up Your Touch Control

You can set up your Touch Control to control your TV in three ways:

- **As a standard, IR (InfraRed) remote**

As an IR remote, your LCD Touch Control works the same way as a standard push button remote, except you touch icons and symbols on the LCD screen to control your TV instead of pushing buttons. Using your Touch Control as an IR remote requires no more set up than a standard remote and gives you access to most of the remote's functions and features.

- **As an extended distance, Wi-Fi remote**

As an extended distance, Wi-Fi remote, your Touch Control offers all the functions and features of the IR mode and, because it uses Wi-Fi radio waves instead of infra red waves to control your TV, it lets you control your TV from a much greater distance and even from around corners. It also gives you access to the **<Multi Display>** function which lets you watch the program or content that is on your TV screen on the LCD screen of the Touch Control. The long distance, Wi-Fi mode requires a few additional setup steps.

- **As a networked, Wi-Fi remote**

Using the Touch Control as a networked Wi-Fi remote, you can use all the same functions provided under IR or long distance mode, various Widget services, and the multimedia function that allows you to play music, movie, or photo files (saved on the PC) on the TV or Touch Control display. You can also download and upgrade the Touch Control software from the Internet. Activating networked Wi-Fi mode involves several steps. To use networked Wi-Fi mode, a LAN connection and a wireless router are required. The TV should be connected to a wired or wireless network. To use the multimedia function, download Samsung PC Share Manager to the PC. To download PC Share Manager, visit <http://www.samsung.com>.

NOTE

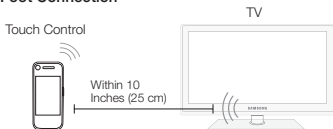
- The Touch Control and TV operate interactively when they are connected via Wi-Fi.
- To use the Touch Control in Wi-Fi remote mode as an IR remote, go to Settings → Network and set Wi-Fi Settings to Off.
- A Touch Control that cannot connect to the TV using Wi-Fi will not operate interactively with the TV. If this is the case, it is recommended that you turn off Wi-Fi.

You can set up the network using One Foot Connection, WPS(PBC) and wireless router.

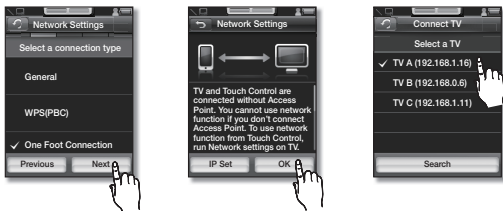
Go to Applications > Settings and tap Network.

- A connection can be established using Network Setup unless the TV and Touch Control are connected in First Time User Setup.
- Configure the network settings for the TV before you connect the TV and Touch Control. For details, refer to the TV manual.

Using One Foot Connection



- **Keep within 10inches (25cm)** between Touch Control and center of Samsung TV.



Touch Control

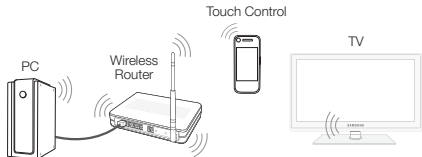
8

- 1 Before you start pairing, go to <Network> and check <Wi-Fi Settings> is set to <On>.
- 2 **Keep within 10 inches (25cm)** between Touch Control and center of Samsung TV.
 - To connect using One Foot Connection, turn off any other devices nearby that support auto configuration first.
- 3 Tap <Start> to go to next step.
- 4 Select <One Foot Connection> and tap <Next>.
 - It may take about one minute to establish a wireless connection between the TV and Touch Control.
 - If the connection fails, choose one of the other connection methods: PBC(WPS) or One Foot Connection.

- 5 On the **<Connect TV>** screen, select the TV you want to connect.
 - If the TV you want to connect cannot be found on the list, tap **<Search>** to retry.
- 6 Select **<Allow>** on TV using Touch Control.

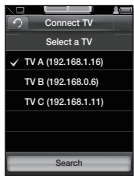
(This image does not appear when TV is on Plug & Play process.)
- 7 When done, press the home button.

Using the wireless router



- 1 Before you start pairing, go to **<Network>** and check **<Wi-Fi Settings>** is set to **<On>**.
- 2 On the **<Network>** screen, tap **<Network Settings>**.
- 3 Tap **<Start>** to go to next step.
- 4 Tap **<General>** and tap **<Next>**. A list of available APs will appear. Select the AP (Access Point) connected to the TV.
 - If the connection fails, choose one of the other connection methods: PBC(WPS) or One Foot Connection.
- 5 On the **<Connect TV>** screen, select the TV you want to connect.
 - If the TV you want to connect cannot be found on the list, tap **<Search>** to retry.
- 6 Select **<Allow>** on TV using Touch Control.

(This image does not appear when TV is on Plug & Play process.)
- 7 When done, press the home button.



Touch Control

TV Control menu



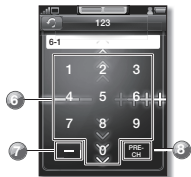
	<p>▲/▼ : Tap to Change the Channel. - / + : Tap to adjust the Volume. ☰ : Displays the Source screen. You can execute the universal remote, or register the device.</p>
	<p>2 Displays the 123 Screen.</p>
	<p>3 Displays the Playback screen.</p>
TV Control Screen	<p>MULTI DISPLAY: Display the show you are currently viewing on the TV to the Touch Control. You can view the current show or change the channel on the Touch Control. CHANNEL: This menu can be regarded as the STB Channel List function on the TV. It allows you to view broadcast information or change simple settings (scheduling) using the Touch Control without interrupting your TV viewing. SMART HUB: View all the content items from the TV. SEARCH: This integrated search service allows you to search using the Touch Control without interrupting your TV viewing. HOTKEY: Search for all the buttons that cannot currently be found on the display of the Touch Control.</p>
Touch Control	<p>4</p>
	<p>5 Switch to the <TV Control> or <Applications> screen.</p>
	<p>6 Press numbers to directly access channels.</p>
123 Screen	<p>7 Press the dash (-) to access additional digital channels broadcast on the same channel. For example, 22-1, 22-2, etc.</p>
10	<p>8 Return to the previous channel.</p>



<WiFi Mode>




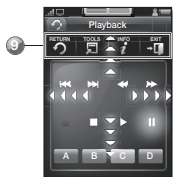
<iR Mode>



The following flick commands are available.








- Up / Down: Change the channel.
- Left / Right: Control the volume.

Playback Screen	<p>RETURN: Returns to the previous menu.</p> <p>TOOLS: Quickly select frequently used functions.</p> <p>INFO: Displays information on the TV screen.</p> <p>EXIT: Exits the menu.</p> <p>Use these buttons in AllShare and <Anynet+> (HDMI-CEC) modes.</p> <p>(The  button also controls recording for Samsung recorders that support the <Anynet+> (HDMI-CEC), features.)</p> <p>Color button: Buttons used in the <SMART HUB> menu, etc.</p>



The following commands are available.

- Up / Down / Left / Right flick: Direction keys
- Double tap: Enter key






Wi-Fi Signal Status	<p>Indicates the strength of the Wi-Fi signal.</p> <ul style="list-style-type: none"> •  No Wi-Fi signal •  Strong Wi-Fi signal
TV connect status	<ul style="list-style-type: none"> •  Connected to the TV. •  Not connected to the TV.
<S/W Upgrade> status	<ul style="list-style-type: none"> •  Indicate you can upgrade the software to the latest version.
Touch Control Service Account status	<ul style="list-style-type: none"> •  Indicate you are logged on to Touch Control Service. •  Indicate you are logged out of Touch Control Service.

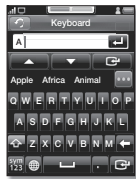


Drag, Flick, Double tap: Control Web Browser in **<SMART HUB>**

Using the QWERTY keyboard








You can use the QWERTY keyboard to type text on the TV screen.

	Enables you to change the text fields to lower case and upper case.
	Enables you to change the text fields to numbers and icons.
	Inputs a blank space on the text fields.
	Changes the language for the QWERTY keyboard.
	Confirms your input.



Touch Control

Applications

	Videos	Displays the <Videos> function. Before you can use the <Videos> function, you must link your PC and the Touch Control to your home network.
	Photos	Displays the <Photos> function. Before you can use the <Photos> function, you must link your PC and the Touch Control to your home network.
	Music	Displays the <Music> function. Before you can use the <Music> function, you must link your PC and the Touch Control to your home network.
	Widgets	Add and use various widgets. <ul style="list-style-type: none">• <YouTube> : You can enjoy the online video clip community.• <Your Video>: Log in with a widget ID and search for information about movies.• <Social TV>: Access social network services.
	Remotes	You can add the external device you want to control.
	Activity	Add a action macro or execute the macro you added.
	Settings	Set the Touch Control menus.

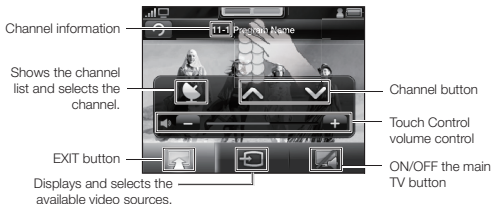


NOTE

- Widget items vary depending on the country.

Multi Display

You can watch the channel displayed on the main TV simultaneously on the LCD screen of the Touch Control.



The following flick commands are available.

- 2-Finger Flick up: Touch Control → Display the content playing on the Touch Control to the TV.
- 2-Finger Flick down: TV → Display the content playing on the TV to the Touch Control.

NOTE

- The Touch Control does not support 3D pictures.
- You can hear the sound from the Touch Control via earphones in Multi Display or Preview mode. If using earphones, the speaker of the Touch Control will automatically be muted.

Multi Display Scenario

		Main TV						
		DTV	ATV	AV (CVBS)	Comp.	HDMI (DVI)	PC	Multimedia
Touch Control	DTV	△	×	○	○	○	○	○
	ATV	×	△	×	×	○	○	○
	AV (CVBS)	○	×	△	×	×	×	×
	Comp.	○	○	×	△	×	×	×
	HDMI (DVI)	○	○	×	×	△	×	×

- ○ : View a different source on the Touch Control from the TV at the same time.
(E.g. You can view a DTV broadcast on the TV and content playing on the Touch Control from an external device connected via HDMI at the same time.)
- △ : View the same source on the Touch Control and TV at the same time.
- × : Not available

AllShare

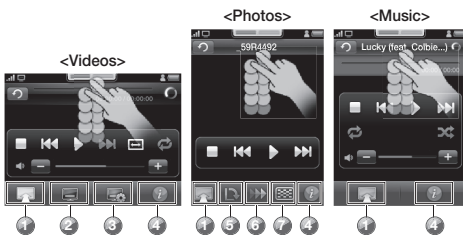


⚠ Before you can use the AllShare function, you must link your TV, PC and the Touch Control to your home network.

1 You can view or play the contents on TV or Touch Control.



2 On the Applications screen, Select <Videos>, <Photos>, <Music>.



The following flick commands are available.

- 2-Finger Flick up: Touch Control → Display the content playing on the Touch Control to the TV.

- | | |
|------------------------------|--------------------|
| ① : Multi Display Button | ⑤ : Rotate Button |
| ② : Subtitle Button | ⑥ : Speed Button |
| ③ : Subtitle Setting Button | ⑦ : Effect Button |
| ④ : Information Button | |

List of supported video file formats

File Extension	Container	Video Codec	Audio Codec	Bit rate (Mbps)	Resolution
*.avi	AVI	Divx 4.x/5.1	MP3 AC3 LPCM ADPCM	6	720x480
		Divx 3.11		2	720x480
		XviD		6	720x480
		H.264 BP		2	320x240
		MPEG4 SP/ASP		6	720x480
*.mkv	MKV	Divx 4.x/5.1	MP3 AC3 LPCM ADPCM	6	720x480
		Divx 3.11		2	720x480
		XviD		6	720x480
		H.264 BP		2	320x240
		MPEG4 SP/ASP		6	720x480
*.asf	ASF	Divx 4.x/5.1	MP3 AC3 LPCM ADPCM WMA	6	720x480
		Divx 3.11		2	720x480
		XviD		6	720x480
		H.264 BP		2	320x240
		MPEG4 SP/ASP		6	720x480
*.mp4	MP4	H.264 BP	MP3 ADPCM AAC	2	320x240
		MPEG4 SP/ASP		6	720x480
		XVID		6	720x480
*.3gp	3GPP	H.264 BP	ADPCM AAC	2	320x240
		MPEG4 SP/ASP		6	720x480
*.mpg *.mpeg	PS	H.264 BP	AC3 LPCM AAC	2	320x240
*.ts *.tp *.trp	TS	H.264 BP	AC3 AAC MP3	2	320x240




NOTE

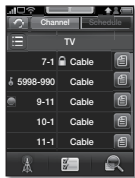
- You must install "Samsung AllShare" on your PC and allow access to your TV and the Touch Control to play contents from your PC on your TV using the remote.
- The PC, TV and Touch Control should be connected to the same sub-network.
- You can download "Samsung AllShare" from www.Samsung.com

Channel List







You can configure various settings for your TV channels with features such as program information, channel editing, and scheduling.

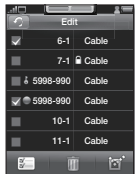
View the Channel List

- 1 On the TV Control and Applications screen, touch .
- 2 The list of channels added to the TV will appear.
- 3 Tap a **<Channel>**. The current channel on the TV switches to the selected channel.



Touch Control Channel List

- | | |
|--|---|
|  | You can select the air or cable antenna signal type. |
|  | You can edit a channel. <ul style="list-style-type: none">•  Adds a favorite channel. Select a channel and press this button to add a channel to the list of favorite channels.•  Deletes a selected channel.•  Deselects a channel. |
|  | Searches for a channel. |




Touch Control

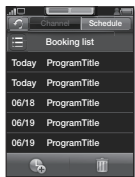


- The menu may vary depending on the country.

Scheduling Auto Channel Display

You can set a desired channel to be displayed automatically at the intended time. Set the current time first to use this function.

- 1 Tap **<Schedule>**. The Schedule Manager screen will be displayed.
- 2 Tap . The Timer Viewing screen appears.
- 3 Touch to set the Antenna, Channel, Repeat or Start Time.
 - **<Antenna>**: Select **<Air>** or **<Cable>**.
 - **<Channel>**: Select the desired channel.
 - **<Repeat>**: Select **<Once>**, **<Manual>**, **<Sat~Sun>**, **<Mon~Fri>** or **<Everyday>** to set at your convenience. If you select **<Manual>**, you can set the day you want. The mark indicates the date is selected.
 - **<Date>**: You can set desired date.
(It is available when you select **<Once>** in **<Repeat>**.)
 - **<Start Time>**: You can set start time you want.
Only memorized channels can be reserved.
- 4 Tap **<OK>** to complete the scheduling.





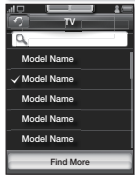
Universal Remote

This function lets you control connected external devices such as Blu-ray players, DVD players, etc. with your Touch Control. The Touch Control can learn the navigation, number, and other keys needed to operate and control the device. The Touch Control controls the devices with its standard IR (infra red) control functionality.

Add External device

By Searching Device

- 1 On the **<Applications>** screen, touch .
- 2 On the Remotes screen, touch .
- 3 Tap **<By Searching Device>**.
- 4 Tap **<Source>**.
 - Select the input source on the list.
- 5 Tap **<Device Type>**.
 - Select the input device type.
 - To change the device name, tap **<Rename>**.
(The option to select the Rename button is available only when Source is set to Not Selected.)
- 6 Tap **<Manufacturer>**.
 - Select or search for the input device.
- 7 Tap **<Model Name>**.
 - Select or search for the input device code set you want.



NOTE


If the model name you want cannot be found, tap **<Find More>**.


You can search for the model name using **<More models>** and download the code set.

If the model name you want cannot be found in **<More models>**, search for the codeset using **<Suggested Codeset>**.

1. Tap **<Suggested Codeset>**.
 - A test screen will be displayed.
2. Tap the **<Test>** button to test the selected code set number.
 - If the selected external device turns on or off, this indicates the device is connected.

3. Touch the **<OK>** button.
4. Touch the **<Apply>** button.
 - The setup is complete and the device will be added to the Remotes list.



To learn an additional key using the Universal Remote menu or to delete the added device, tap .

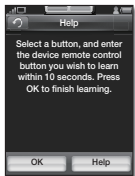
- Select a device and tap **<Delete>** to delete the device.
- Tap  and select **<Add / Edit button>** for the device you want to pair the remote control with, then instructions on how to perform pairing will be displayed. Tap **<Help>** for more details or **<OK>** to start pairing.



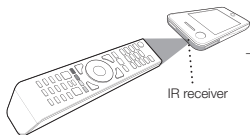
By Learning IR Code

If the codeset of the device you want to add cannot be found in the list or the Internet, you can add the device by learning IR code.

- 1 On the **<Applications>** screen, touch .
- 2 On the Remotes screen, touch .
- 3 Tap **<By Learning IR Code>**.
- 4 Tap **<Source>**.
 - Select the input source on the list.
- 5 Tap **<Device Type>**.
 - Select the input device type.
 - To change the device name, tap **<Rename>**.
(The option to select the Rename button is available only when Source is set to Not Selected.)
- 6 Tap **<Learn>**. Start the external device registration process.
 - Tap **<Help>** for learning guide or tap **<OK>** to start learning.
- 7 You must now assign the control buttons on the device's remote control to corresponding buttons on the Touch Control's. To begin, tap a button on the Touch Control's screen to which you want to assign a button from the device's remote.
 - The selected button blinks.
- 8 Press the corresponding button on the device's remote.
 - When the button on the Touch Control's screen stops blinking, the assignment is complete. Assign the other buttons in the same way.
- 9 Select **<OK>** to complete the program.



Learning Remote



- Ensure the sensor on the remote you want to pair with is pointing to the IR receiver.

- 1 Press button more than 1 second while keeping the remote controls 1 inch (2cm) from each other as described in the picture.
- 2 The learning LED is directly facing the remote to be learnt (within 45-60 degree depending on the LED chosen).
- 3 The two remotes are placed on a flat non glossy surface.
- 4 The remote to be learnt does not feature a long signal.

NOTE

- Put Touch Control and the device remote about 2cm apart and configured as shown above. If you do not, the remote learning process may not operate normally.
- Some external device remote controls are not compatible with the Touch Control. Search the codeset to find the compatible remotes.
- During remote control learning, ensure there is no object between the IR sensors on the Touch Control and the remote control for the external device.

Activity



To add new Activity

- 1 On the **<Applications>** screen, touch
- 2 On the **<Activity>** screen, touch
- 3 Enter the name of the Activity you want to register and tap
- 4 Select the device you want to control and tap **<Next>**.
- 5 Select a command button on the Touch Control for the device and tap **<Next>**.
- 6 The command button has been added.
 - To add another command button, tap **<Add device>** and perform step 4.
 - Tap to delete all the added devices. To delete a selected device, select the device and tap .
 - To change the name of Activity, tap .
 - To test the command buttons that have been added so far, tap .
- 7 Tap to complete the Activity settings.
 - If several devices that have an IR code for volume control are included in the list of devices added to Activity, select the device you want to use as the main volume control and tap **<OK>**. The Activity settings will be complete.
 - Up to 10 items can be added to Activity.
- 8 A list of items added to Activity will be displayed.
 - Tap an item from the list to automatically start commands according to the item settings. To perform commands manually, tap .
 - After **<OK>** is selected, specify the sequence of devices (commands) you want to start.

To delete and edit Activity

To delete or edit an item from the list of items added to Activity, tap .

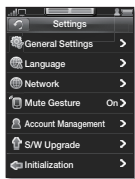
- Select an item and tap **<Delete>**. The item will be deleted.
- Tap next to the item you want to edit. The current settings for the item can be viewed or modified.

Settings menu

Settings

You can control a range of settings on the Touch Control.

On the Applications screen, tap  → <Settings>.



General Settings

Set the Basic settings.

- <Backlight Duration>: Set the interval time of the auto LCD off.
- <Brightness>: Control the brightness of the screen.
- <Touch Alert Tone>: Set the screen touch mode to sound, vibration or both.
- <Button Sound>: Set the touch button sound.
- <Button Volume>: Control the volume of the remote.
- <Vibration>: Change the vibration intensity.

Language

Select the menu language from three choices.

- <Language>: Set the desired language type.

Network

For configuring <Network> settings, see page 6.

- Network conditions and environmental factors (including but not limited to) volume of network traffic, building materials, and construction may lower actual data throughput rate.
- Environmental conditions will affect wireless signal coverage.

Mute Gesture

Mute function by shaking the Touch Control twice.

Account Management

Manage consolidated user accounts using the Touch Control.

S/W Upgrade

Upgrade the software of the Touch Control to the latest version. The charger must be connected before you perform an upgrade.

Initialization

Reset the Touch Control to initial settings. The user settings will be deleted and manufacturer's default settings restored.

Self Diagnosis

Test the current state of network and the video and sound.

System Information

Check the network and software version information.

Use Mode

You can select **<Home Mode>** or **<Shop Mode>**.

- **<Home Mode>**: The auto LCD off is turned on.
- **<Shop Mode>**: The auto LCD off is turned off.

Troubleshooting



Issues	Solutions and Explanations
The signal type icon of the Touch Control has changed even though I didn't change the setting.	The icon may change from time to time depending on the condition of network or TV connection.
The screen on the Touch Control turns off continuously.	The automatic screen turn off mode operates automatically to extend the life cycle of batteries. The automatic screen turn off time setting can be changed by selecting <Settings> , <General Settings> and <Backlight Duration> . The time can be extended to a maximum of 3 minutes. (You can select 1 minute, 2 minutes or 3 minutes.)
The arrow on the top right does not disappear.	Upgraded software has been added on Samsung.com. Access Settings and perform a software upgrade to upgrade the software to the latest version.
The touch-screen function doesn't work.	The capacitor type touch-sensor technology of the remote does not respond to the touch of a fingernail or stylus. Touch the screen lightly with your finger. The corresponding function will start with a beep.
I want to turn off the power.	To turn the set on or off, press the Power on/off button for more than one second or slide up and remove the cover on the back of the remote, insert the batteries again and close the cover.

Specification



Model		RMC30D1
Panel	Type	3 inches (2.95 inches measured diagonally) TFT-LCD
	Resolution	320x240
Touch Sensor		Capacitive, Single Touch
Sound		Mono (Inner Speaker, 0.2Watt) / Stereo (Phone Jack)
Network		Wireless Network IEEE 802.11 b/g/n
Power	DC Charger	5V, 0.7A
	AC input	AC 100 to 240 VAC / frequency: 50 ~ 60 Hz
Play Time(Hour)		3 Hours
Weight		0.28lbs (125g)
Dimensions (L X W X D)		57.5 X 13.5 X 120(mm) 2.26 x 0.53 x 4.72 (inches)
Environmental Considerations		
Operating Temperature		50°F to 104°F (10°C to 40°C)
Operating Humidity		10% to 80%, non-condensing
Storage Temperature		-4°F to 113°F (-20°C to 45°C)
Storage Humidity		5% to 95%, non-condensing

* Design and specifications are subject to change without prior notice.

* For information about the power supply, and more information about power consumption, refer to the label attached to the product.

Open Source License Notice

- In the case of using open source software, Open Source Licenses are available on the product menu.



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FCC Statement

Federal Communication Commission Interference Statement

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.



Radio Frequency Safety Exposure

THIS MODEL MEETS THE U.S. GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless device contains a radio transmitter and receiver. Your device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The exposure standard for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the output.

Before a device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model as reported to the FCC when tested for use at the ear is 0.131 W/kg, and when worn on the body, is 0.410 W/kg. (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various devices and at various positions, they all meet the U.S. government requirement.

The FCC has granted an Equipment Authorization for this model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model is on file with the FCC and can be found under the Display Grant section at <https://gulfoss2.fcc.gov/oetct/eas/reports/GenericSearch.cfm> after search on FCC ID A3LRMC30D1. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with touch positions from the body. Non-compliance with the above restrictions may result in violation of FCC RF Exposure guidelines.



IC Statement

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

IC Radiation Exposure Statement

This device is in compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with a minimum separation distance of 1.5 cm between the device and your body.

The device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.





SAMSUNG TOUCH CONTROL

LIMITED WARRANTY TO ORIGINAL PURCHASER

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship.

In the event that warranty service is required, you should first return the product to the retailer from whom it was purchased. However, Samsung Authorized Service Centers will comply with this warranty during the Warranty Period. To obtain details, please contact your nearest Authorized Service Center.

PROCEDURE FOR MAKING A WARRANTY CLAIM


To make a claim under the warranty, you must contact the Samsung Contact Center (see details above) during the Warranty Period to discuss the problems you are having with the product. If a repair or replacement is required, you will be provided with a Warranty Claim Number and address of an Authorized Service Center.

If you are provided with a Warranty Claim Number, to obtain a repair or replacement of the product, you must send the product to the Authorized Service Center advised together with:

- (i) a copy of your completed warranty card or, if you have already provided this to Samsung, your name, address and contact telephone number;
 - (ii) your original receipt, invoice or sales slip for the purchase of the product as new;
 - (iii) your Warranty Claim Number.
- Samsung will then repair or replace the product and return it to you using the contact details provided.

WARRANTY CONDITIONS

1. The warranty is only valid if the above procedure for making a warranty claim is followed.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Samsung Authorized Service Centers. No re-imbursalment will be made for repairs carried out by service centers or dealers that are not authorized by Samsung and any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursalment will be made for such adaptation, nor any damage which may result.
5. The warranty does not apply to any product that has been damaged or rendered defective as a result of any of the following excluded reasons, namely:
 - a. as a result of accident, misuse, or abuse;

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- b. through the failure to use this product for its normal purposes;
 - c. by the use of parts not manufactured or sold by Samsung;
 - d. by modification without the written permission of Samsung;
 - e. by damage resulting from transit, neglect, power surge or failure;
 - f. by damage resulting from lightning, water, fire, or acts of God;
 - g. as a result of normal wear and tear; or
 - h. difference in broadcasting methods or product standards between countries.
6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
 7. NOTHING IN THESE WARRANTY CONDITIONS SHALL EXCLUDE OR LIMIT SAMSUNG'S LIABILITY FOR DEATH OR PERSONAL INJURY CAUSED BY THE PROVEN NEGLIGENCE OF SAMSUNG, UNLESS SUCH LIMITATION OR EXCLUSION IS PERMITTED BY APPLICABLE LAW.
 8. WITH THE EXCEPTION OF SAMSUNG'S LIABILITY WHICH CANNOT BE EXCLUDED OR LIMITED BY LAW, SAMSUNG SHALL NOT BE LIABLE FOR: ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES LOSSES OR EXPENSES; OR LOST PROFITS; OR LOSS OF USE OR LOSS OF DATA; OR DAMAGE TO GOODWILL, REPUTATION OR LOST BUSINESS, ARISING DIRECTLY OR INDIRECTLY, FROM THE PURCHASE, USE OR SALE OF THE PRODUCT, WHETHER OR NOT SAMSUNG WAS ADVISED OR AWARE OF THE POSSIBILITY OF SUCH DAMAGES, LOSSES OR EXPENSES.
 9. WITH THE EXCEPTION OF SAMSUNG'S LIABILITY WHICH CANNOT BE EXCLUDED OR LIMITED BY LAW, SAMSUNG'S LIABILITY UNDER OR IN CONNECTION WITH THIS WARRANTY OR THE PURCHASE, USE OR SALE OF THE PRODUCT SHALL NOT EXCEED THE PRICE PAID FOR THE PRODUCT AS NEW.
 10. UNLESS PROVIDED FOR IN THIS WARRANTY, ALL CONDITIONS, WARRANTIES AND TERMS IMPLIED BY STATUTE OR OTHERWISE ARE HEREBY EXCLUDED TO THE MAXIMUM EXTENT PERMISSIBLE BY LAW.
 11. The above warranty conditions do not affect your statutory rights as a consumer or otherwise.
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