

SAMSUNG LED TV user manual

SERIES 45
4000
5003

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Important Warranty Information Regarding Television Format Viewing

Wide screen format LED Displays with aspect ratios of 16:9 (the ratio of the screen width to screen height) are primarily designed to display wide screen format full-motion video. The images displayed on them should primarily be in the wide screen 16:9 ratio format, or expanded to fill the screen if your model offers this feature and the images are constantly moving. Displaying stationary graphics and images on screen, such as the dark sidebars on non-expanded standard format television video and programming, should be limited to no more than 5% of the total television viewing per week. Additionally, viewing other stationary images and text such as stock market crawls, video game displays, station logos, web sites or computer graphics and patterns, should be limited as described above for all televisions. Displaying stationary images that exceed the above guidelines can cause uneven aging of LED Displays that leave subtle, but permanent burned-in ghost images in the LED picture. To avoid this, vary the programming and images, and primarily display full screen moving images, not stationary patterns or dark bars. On LED models that offer picture sting features, use these controls to view different formats as a full screen picture. Be careful in the selection and duration of television formats you use for viewing. Uneven LED aging as a result of format selection and use, as well as burned-in images, are not covered by your Samsung limited warranty.

SAMSUNG ELECTRONICS NORTH AMERICAN LIMITED WARRANTY STATEMENT

Subject to the requirements, conditions, exclusions and limitations of the original Limited Warranty supplied with Samsung Electronics (SAMSUNG) products, and the requirements, conditions, exclusions and limitations contained herein, SAMSUNG will additionally provide Warranty Repair Service in the United States on SAMSUNG products purchased in Canada, and in Canada on SAMSUNG products purchased in the United States, for the warranty period originally specified, and to the Original Purchaser only.

The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. Along with this Statement and the Original Limited Warranty Statement, a dated Bill of Sale as Proof of Purchase must be presented to the Service Center. Transportation to and from the Service Center is the responsibility of the purchaser. Conditions covered are limited only to manufacturing defects in material or workmanship, and only those encountered in normal use of the product. Exclusions include, but are not limited to, any that the wall outlet and power plug are readily accessible.

Contact SAMSUNG WORLDWIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Country	CANADA	U.S.A
Address	Samsung Electronics Canada Inc. 2050 Terry Road West Mississauga, Ontario L5N 0B9 Canada	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield, NJ 07640
Customer Care Center	1-800-SAMSUNG (726-7864)	
Web Site	www.samsung.com/ca/support (English) www.samsung.com/ca_fr/support (French)	www.samsung.com/us/support

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Important Safety Instructions

Warning! Important Safety Instructions

(Please read the Safety Instructions before using your TV.)

CAUTION
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.

This symbol indicates that this product has included important literature concerning operation and maintenance.

Class II product: This symbol indicates that a safety connection to electrical earth (ground) is not required.

AC voltage: Rated voltage marked with this symbol is AC voltage.

DC voltage: Rated voltage marked with this symbol is DC voltage.

Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety related information.

The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus and to protect it from overheating, these slots and openings must never be blocked or covered.

Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.

Do not place vessels (vases etc.) containing water on this apparatus, as this can result in a fire or electric shock.

Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately.

This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.

Do not overload wall outlets, extension cords, or adapters beyond their capacity, since this can result in fire or electric shock.

Power-supply cords should be placed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug end, at wall outlets, and at the point where they exit from the appliance.

To protect this apparatus from a lightning storm, or when left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.

Before connecting the AC power cord to the DC adaptor outlet, make sure that the voltage designation of the DC adaptor corresponds to the local electrical supply.

Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.

To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.

Be sure to plug in the power cord until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug it by pulling on the power cord. Do not touch the power cord with wet hands.

If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.

Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time (especially when children, elderly, or disabled people will be left alone in the house).

Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or by causing the insulation to deteriorate.

Be sure to contact an authorized Samsung service center for information if you intend to install your TV in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failure to do so may lead to serious damage to your TV.

Use only a properly grounded plug and wall outlet.

An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)

To turn off this apparatus completely, disconnect it from the wall outlet. To ensure you can unplug this apparatus quickly if necessary, make sure that the wall outlet and power plug are readily accessible.

Store the accessories (batteries, etc.) in a location safely out of the reach of children.

Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a Samsung service center.

To clean this apparatus, unplug the power cord from the wall outlet and wipe the product with a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air fresheners, lubricants, or detergents. These chemicals can damage the appearance of the TV or erase the printing on the product.

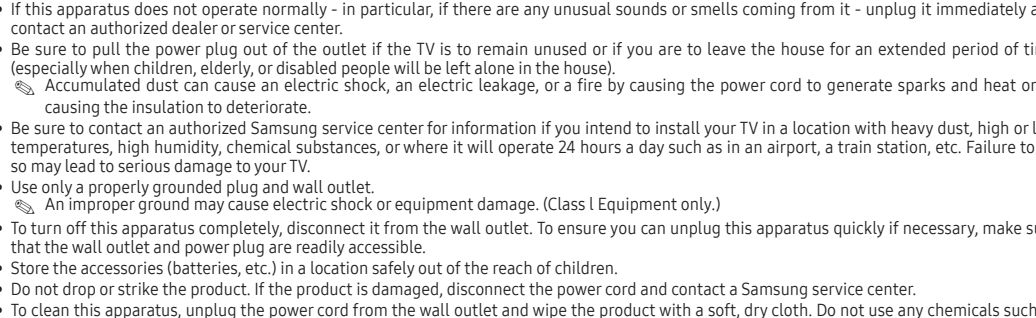
Do not expose this apparatus to dripping or splashing.

Do not dispose of batteries in a fire.

Do not short-circuit, disassemble, or overheat the batteries.

There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.

TV Controller



The TV's Controller, a small joystick like button on the bottom right side of the TV, lets you control the TV without the remote control.

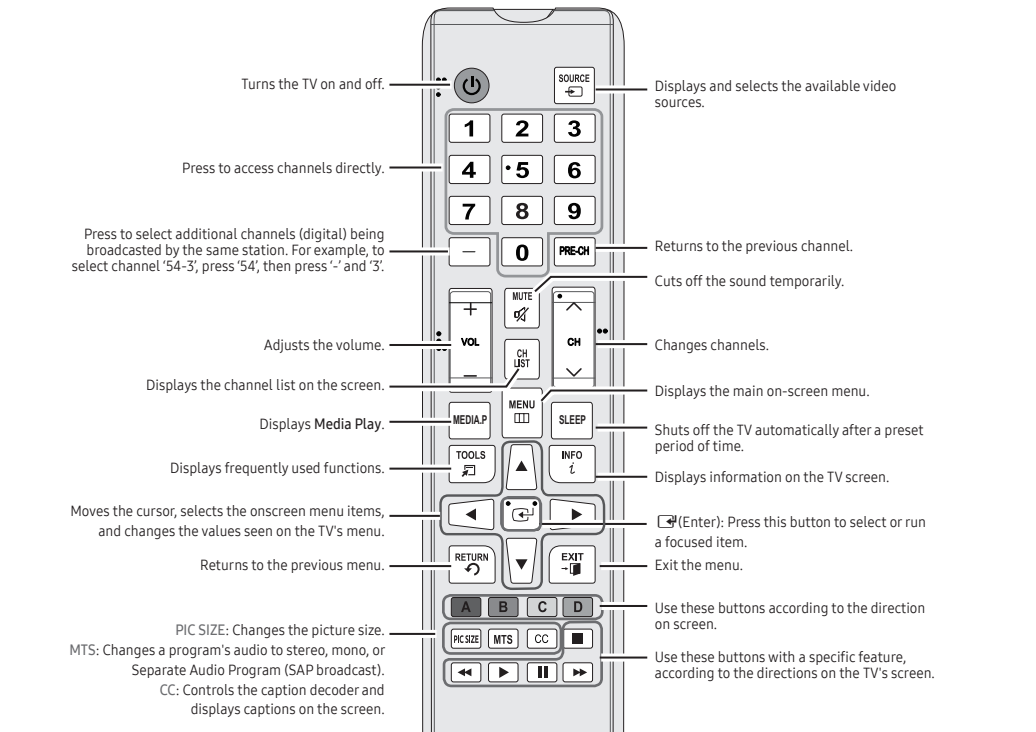
Control Menu

- Turns the TV on or off.
- Changes channels.
- Adjusts the volume.
- Displays and selects the available video sources.


WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

Use care when touching the TV after it has been on for some time. Some parts can be warm to the touch.


Remote Control



Using selected Manual

The **Clock Set** screen appears. Use the **▲▼** buttons to change the values in each field or use the number buttons to enter the values directly. Use the **◀▶** buttons to move from field to field. When done with all the fields, press **ENTER** .

Available only when **Clock Mode** is set to **Manual**.

- Sleep Timer**  Automatically shuts off the TV after a preset period of time. (30, 60, 90, 120, 150 and 180 minutes).

To cancel the **Sleep Timer**, select **Off**.




Timer 1 / Timer 2 / Timer 3



Turns the TV on or off automatically at times and days you select. You can set three different on/off timer settings.


You must set the clock first.

- On Time / Off Time**: Set the hour, minute, am/pm, and Activate/inactivate fields for the **On time** and **Off Time**. Use the **◀▶** buttons to move from field to field. Use the **▲▼** buttons to change the values in each field. To activate the timer with the setting you have chosen, set the *Activate/Inactivate field to **Activate**.*
- Volume**: Set the desired loudness.
- Contents**: To select what will be turned on when the timer setting is activated. You can set the TV to turn on a specific channel or play back contents such as photo or audio files.

Use the **▶** buttons to move to the Contents field, and then press the **ENTER**  button. The Contents screen appears. Use the **◀▶** buttons to move from field to field. Use the **▲▼** buttons to change the values in each field.

- **TV/USB- Select TV or USB**. The USB device must be connected to your TV before you can select USB.
- **Antenna**: Displays the current antenna source, **Air** or **Cable**.
- **Channel**: If you have selected TV, select the desired channel.
- **Music/Photo**: If you have selected USB, follow these steps to select a folder containing MP3 (Music) or JPEG (Photo) files on the USB device:
 - The maximum number of files the TV can display, including sub folders, in one folder of a USB storage device is 1000.
 - The media may not play smoothly if you use a USB device rated lower than USB 2.0.
- Use the **◀▶** buttons to move to the field under **Music** or the field under **Photo**, and then press the **ENTER**  button. The TV displays a single folder (the Root folder) and the type or name of the device.
- Press the **ENTER**  button. A list of folders on the device appears.
 - If there are no folders on your device, press the **Yellow** select button to select the Root folder, and then press the **RETURN**  button. The TV screen re-appears.
- Press the **▲▼** buttons to highlight a folder that contains music or photos, and then press the **Yellow** select button to select the folder.
- Press the **RETURN** button. The Timer screen re-appears.

- Repeat**: Select **Once**, **Everyday**, **Mon-Fri**, **Sat-Sun**, or **Manual**. If you select **Manual**, you can select the days you want to activate the timer by using the **◀▶** buttons to highlight the day, and then pressing the **ENTER**  button. To unselect a day, highlight it, and then press the **ENTER**  button.

When you finished making all your selections on the Timer screen, press either the **ENTER**  or **RETURN** button.

Other Features Voice Guide (On/Off)

You can activate voice guides that describe the menu options aloud to aid the visually impaired.

- Voice Guide**: Enable or disable the Voice Guide feature. Voice Guide is provided in the current language.
- Volume**: Set the volume of the voice guide.
- Pitch**: Set the pitch of the voice guide.
- Speed**: Set the speed of the voice guide.

Game Mode (On/Off)

When you connect a game console such as a PlayStation™ or Xbox™ to your TV, you can enjoy a more realistic gaming experience by turning on the **Game Mode** function.

Precautions and limitations for game mode:

- Before you disconnect the game console and connect another external device, set **Game Mode to Off** in the setup menu.
- If you display the TV menu in **Game Mode**, the screen shakes slightly.




Game Mode is not available when the input source is set to TV.

After connecting the game console, set **Game Mode to On**. You may notice slightly reduced picture quality.

Program Rating Lock

The **Program Rating Lock** feature lets you block programs you've determined are inappropriate for your children based on the program's ratings. To access the **Program Rating Lock** feature and make any changes, you must enter a PIN (personal identification number). To watch a blocked program, you also enter the same PIN.
Program Rating Lock is not available in HDMI or Component mode.
The default PIN number of a new TV set is "0-0-0-0". You can set your own PIN using the **Change PIN** function.

How It Works

When you access the **Program Rating Lock** Menu functions for the first time, the PIN input screen appears. Enter 0-0-0-0. The PIN screen closes and the **Program Rating Lock** Menu appears. Every time you access the **Program Rating Lock** functions, the PIN screen will appear and you must enter a PIN.
When the Rating Lock screen appears, select **Program Rating Lock**, and then press **ENTER** . Select **On**, and then press the **ENTER**  key again. Depending on what type of programs or movies you want to block, select one of the options on the screen, and then press the **ENTER**  button.
TV Parental Guidelines: You can block TV programs based on their ratings. This function allows you to control what your children are watching.

- MPAA Rating**: You can block movies based on their MPAA ratings. The Motion Picture Association of America (MPAA) has implemented a rating system that provides parents or guardians with advanced information on which films are appropriate for children.
- Canadian English**: You can block TV programs based on their Anglophone Canadian ratings.
- Canadian French**: You can block TV programs based on their French Canadian ratings.
- Undesirable U.S. Rating**: You can use parental restriction information while watching DV/Blocks.

Locking/Blocking Programs or Movies

You lock or block programs and/or movies in essentially the same way for each option. Each option displays a grid or table. All the tables have ratings listed on the left. The **TV Parental Guidelines** option also has kinds of content listed across the top: All Lock, All TV ratings, /V, Fantasy violence, /V, Violence /S, Sexual situation /L, Adult Language /D, Sexually Suggestive Dialog.
To lock/block movies or shows with certain ratings and/or kinds of content, click the square next to the rating and/or under the kind of content. A lock appears. To unlock, click the lock icon.
When you click a low rating, all the ratings above it will also display locks. You can also Allow All or Lock All. When done, press the **RETURN** button on your remote.

- Change PIN**: Select **Change PIN** and the **Change PIN** screen appears. Choose any 4 digits for your PIN, and then enter them in the Enter New PIN fields. Re-enter the same 4 digits in the Confirm New PIN fields. When the Change PIN screen disappears, press the OK button. The TV has memorized your new PIN.
- Power**: If you forget the PIN, and the remote-control buttons in the following sequence, which powers the TV on "0-0-0-0": **POWER (off)** → **MUTE** → **8** → **2** → **4** → **POWER (on)**

Caption

(On-Screen Text Dialogue)

- Caption**: You can switch the caption function on or off. If captions are not available, they will not be displayed on the screen.

The **Caption** feature does not work in **Component** or **HDMI** mode.

- Caption Mode**: You can select the desired caption mode.
Default / CCI-CCA / Text1-Text2: (analog channels only) The Analog Caption function operates in either analog TV channel mode or when a signal is supplied from an external device to the TV. (Depending on the broadcasting signal, the Analog Caption function may or may not work with digital channels.)

Default / Service1-Service6 / CCI-CCA / Text1-Text4: (Digital channels only) The Digital caption function works with digital channels.

- Service1-6 may not be available in digital caption mode** depending on the broadcast.
- Digital Caption Options**: (Digital channels only)
Size: Options include **Default**, **Small**, **Standard**, and **Large**. The default is **Standard**.
Font Style: Options include **Default** and **Styles 0 to 7**. The default is **Style 0**.
Foreground Color: Options include **Default**, **White**, **Black**, **Red**, **Green**, **Blue**, **Yellow**, **Magenta**, and **Cyan**. You can change the color of the letters. The default is **White**.
Background Color: Options include **Default**, **White**, **Black**, **Red**, **Green**, **Blue**, **Yellow**, **Magenta**, and **Cyan**. You can change the background color of the captions. The default is **Black**.
- Foreground Opacity**: This adjusts the opacity of text. Options include **Default**, **Transparent**, **Translucent**, **Solid**, and **Flashing**.

Background Opacity: This adjusts the opacity of the caption background. Options include **Default**, **Transparent**, **Translucent**, **Solid**, and **Flashing**.
Return to Default: This option sets Size, Font Style, Foreground Color, Background Color, Foreground Opacity, and Background Opacity to its default.

- Digital Caption Options** are available only when you can select **Default and Service1** – **Service6** in **Caption Mode**.
- The foreground and Background cannot be set to the same color.

Boot Logo

Enable or disable the display of the Samsung logo when you turn on the TV.

Energy Saving

Energy Saving (Off / Low / Medium / High): Lets you adjust the brightness of the TV to reduce power consumption.

- No Signal Power Off (Off / 15 min. / 30 min. / 60 min.)**: Sets how quickly the TV switches to standby mode, if no picture is being received.
- Disabled**: When an attached PC is in power saving mode.

Auto Power Off (Off / On): When **Auto Power Off** is set to **On**, the TV will automatically turn off when no user operation is detected for 4 hours.

Application Menu

Enjoy photos, music, and/or movie files saved on a USB Mass Storage Class (MSC) device.






Connecting a USB Device

- Turn on your TV.
- Connect a USB device containing photo, music, and/or movie files to the USB jack on the back of the TV. A pop up window appears.
- Press the **MEDIA P** button on your remote. The **Media Play** menu appears.

Using the Media Play Menu

To open **Media Play** in the Menu, follow these steps:

- Press the **MENU** button. Then, press the **▲** or **▼** button to select **Applications** on the left, and then press the **ENTER**  button.
- Press the **▲** or **▼** button to select **Media Play (USB)**, and then press the **ENTER**  button.
- Press the **◀** or **▶** button to select an icon (**Videos**, **Music**, **Photos**, **Settings**), and then press the **ENTER**  button.
 - Media Play** might not work properly with unlicensed multimedia files. Read the list below before using **Media Play (USB)**.
 - The file system supports FAT16, FAT32, and NTFS.
 - Certain types of USB Digital camera and audio devices may not be compatible with this TV.
 - Media Play** only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Built-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB port. USB HDD is not supported.
 - Before connecting your device to the TV, please back up your files to prevent file damage or loss of data. **SAMSUNG** is not responsible for any data file damage or data loss.
 - A USB device that requires high power (more than 0.5A) may not be supported.
 - Do not disconnect the USB device while it is loading.
 - The higher the resolution of the image, the longer it takes to display on the screen.
 - The maximum supported JPEG resolution is 15360 x 8640 pixels.
 - If a file is corrupted or the TV does not support the file type, the "Not Supported File Format" message is displayed.
 - The TV cannot play MP3 files with DRM that have been downloaded from a for-pay site. Digital Rights Management (DRM) is a technology that supports the creation, distribution, and management of digital content in an integrated and comprehensive way, including protecting the rights and interests of content providers, preventing illegal copying of contents, and managing billing and settlements.
 - PTP (Picture Transfer) devices are not supported.
 - If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognized or may malfunction.



File Extension	Container	Video Codec	Resolution	Frame rate(sps)	Bit Rate (Mbps)	Audio Codec
*.avi		Motion JPEG	640x480		8	Dolby Digital LPCM
*.xsub	AVI					ADPCM (DMA, MS)
*.mp4	ASF	H, 264 BP / MP / HP				AAC
*.mov	MKV					HE-AAC
*.mp3	MP3					WMA
*.3gp	3GP	Divx 3.11 / 4 / S / S		MAX 30		Dolby Digital Plus
*.mpg	MPEG		1920x1080		30	Dolby Digital Plus
*.ts	FLV	MPEG4 SP / ASP				MPEG(MP3)
*.trp	VOB					DTS (Core, LBR)
*.tp	PS	Window Media Video (VPICT)				G.711A (LW, u-LW)
*.mov	TS					MPEG1
*.flv						
*.divx						
*.dat						
*.webm	WebM	VP8	1920x1080	6-30	20	Vorbis

- Auto Protection Time (Off / 2 hours / 4 hours / 8 hours / 10 hours)**: If the screen remains idle with a still image for a certain period of time you define, the screen saver is activated to prevent the formation of ghost images on the screen.
 - If the TV has no input during the time period set in **Auto Protection Time**, the Screen saver will run.
 - The power-saving mode of some external hard disk drives may be released automatically when you connect them to the TV.
 - If you use a USB extension cable, the TV may not recognize the USB device or may not be able to read the files on the device.

If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB device to a PC, format the device, and check the connection.

- If a file you deleted from the PC is still found when you run **Media Play**, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.
- Photos** only supports the sequential jpeg format.
- The **Videos** option does not support the scene search and thumbnail functions.
- If the number of files and folders saved on a USB storage device is over approximately 4000, the files and folders may not appear and some folders may not open.
- The maximum displayed number of files, including sub folders, in one folder of a USB storage device is 1000.
- The media may not play smoothly if you use a USB device rated lower than USB 2.0.

Videos

- In the **Media Play** menu, press the **◀** or **▶** button to select **Videos**, and then press the **ENTER**  button.
- Press the **◀▶**/**▲▼** buttons to select a video in the file list.
- Press the **ENTER**  button.

- The file name is displayed on the top of the screen with the playing time.
 - If video time information is unknown, playing time and the progress bar are not displayed.
 - During video playback, you can search using the **◀** and **▶** buttons.
- In this mode, you can play movie clips contained in a game, but you cannot play the game itself.

Supported Subtitle Formats

Name	Container	Format
Xsub	AVI	Picture Format
Advanced SubStation Alpha	MKV	Text Format
Subrip	MKV	Text Format
MPEG-4 Timeed text	MP4	Text Format

Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate(sps)	Bit Rate (Mbps)	Audio Codec
*.avi		Motion JPEG	640x480		8	Dolby Digital LPCM
*.xsub	AVI					ADPCM (DMA, MS)
*.mp4	ASF	H, 264 BP / MP / HP				AAC
*.mov	MKV					HE-AAC
*.mp3	MP3					WMA
*.3gp	3GP	Divx 3.11 / 4 / S / S		MAX 30		Dolby Digital Plus
*.mpg	MPEG		1920x1080		30	Dolby Digital Plus
*.ts	FLV	MPEG4 SP / ASP				MPEG(MP3)
*.trp	VOB					DTS (Core, LBR)
*.tp	PS	Window Media Video (VPICT)				G.711A (LW, u-LW)
*.mov	TS					MPEG1
*.flv						
*.divx						
*.dat						
*.webm	WebM	VP8	1920x1080	6-30	20	Vorbis

Other Restrictions

- Codes** may not play properly if there is a problem with the content.
- Videos** content will not play or will play correctly if there is an error in the content or container.
- Sound** or video may not work if they have bit rates/frame rates above the TV's compatibility ratings.
- If the index table contains an error, the **Seek (Jump)** function will not work.
- When the TV is playing video over a network connection, the video may not play smoothly because of data transmission speeds.
- Some USB/digital camera devices may not be compatible with the TV.
- When the TV is displaying a video at a bit rate of 10 Mbps or higher, the menu screens may be played a slowly.



Video Decoder

Supports up to H.264, Level 4.1
H.264 FMO / ASO / RS, VCI / AP/L4 are not supported.
GMC 2r above is not supported.




Audio Decoder

WMA 10 Pro supports up to 5.1 channels. Supports up to the M2 profile. WMA lossless audio is not supported.
QCELP and AMR NB/WB are not supported.
Vorbis is supported for up to 2 channels.
Dolby Digital Plus is supported for up to 5.1 channels.
The DTS LBR code is only available for MKV / MP4 / TS containers.

Music

- In the **Media Play** menu, press the **◀** or **▶** button to select **Music**, and then press the **ENTER**  button.
- Press the **◀▶**/**▲▼** buttons to select the desired Music in the file list.
- Press the **ENTER**  button or **(Play)** button.
 - During music playback, you can search using the **◀** and **▶** button.
 - (REW)** and **(FF)** buttons do not function during play.
 - Media Play** only displays files with an MP3 or PCM file extension. Other file extensions are not displayed, even if they are saved on the same USB device.
 - If the sound is abnormal when the TV plays MP3 files, adjust the **Equalizer** in the **Sound** menu. (An over-modulated MP3 file may cause a sound problem.)

Photos

- In the **Media Play** menu, press the **◀** or **▶** button to select **Photos**, then press the **ENTER**  button.
- Press the **◀▶**/**▲▼** buttons to select a photo in the file list.
- Press the **ENTER**  button or **(Play)** button.
 - NOTE**
 - While a photo list is displayed, press the **(Play)** / **ENTER**  button on the remote control to start a slide show.
 - All files in the file list section will be displayed in the slide show.
 - During the slide show, files are displayed in order.
 - During the slide show, you can adjust the slide show speed using **(REW)** or **(FF)** button.
 - You can zoom into images in full screen mode.
 - Media Play** plays Music files automatically during a Slide Show if **Background Music** is set to **On**.
 - You cannot change the **Mode** in **Background Music** until the Background Music file has finished loading.

Supported Photo Formats



Image	Photo	Resolution
JPEG	Base-Line	15360 x 8640
	Progressive	1024 x 768

Other Restrictions


CMYK, **YCCCK** Color space JPEG are not supported.

Playing Multiple Files

Playing selected video/music/photo files

- On the File List screen, highlight a file, and then press the **Yellow** button on your remote.
- Repeat Step 1 to select multiple files.
 - NOTE**
 - A **✓** mark appears to the left of the selected files.
 - To cancel a selection, press the **Yellow** button again.
 - To deselect all selected files, press the **TOOLS** button, select **Deselect All**, and then the **ENTER**  button.
- Press the **TOOLS** button, select **Play Selected Contents**, and then press the **ENTER**  button.

Playing a video/music/photo folder

- With the folders on your USB device displayed, use the **◀▶**/**▲▼** buttons to highlight a folder.
- Press the **TOOLS** button, select **Play Folder**, and then press the **ENTER**  button.

Media Play - Additional Functions

■ **Videos/Music/Photos Play Option** Menu
When playing a file, press the **TOOLS** button.

Category	Operation	Videos	Music	Photos
Title	You can select another video file to play directly.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Repeat Mode	You can play movie and music files repeatedly.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Picture Size	You can adjust the picture size to your preference.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Picture Mode	You can adjust the picture setting.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sound Mode	You can adjust the sound setting.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Subtitle Settings	You can play the video with Subtitles. This function only works if the subtitles have the same file name as the video.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Audio Format	You can select the digital audio output format.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Audio Language	You can change the audio language if the video has more than one language.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Step Slide Show / Start Slide Show	You can start or stop a Slide Show.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Slide Show Speed	You can select the slide show speed during the slide show.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Background Music	You can set and select background music when watching a Slide Show.	<input checked="" type="checkbox"/>		