

# SAMSUNG COLOR TELEVISION

## CS 21AF0

### Owner's Instructions

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

Register your product at [www.samsung.com/global/register](http://www.samsung.com/global/register).  
Record your Model and Serial number.  
• Model \_\_\_\_\_ • Serial No. \_\_\_\_\_

### Control Panel

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

**Front (or Side) Panel**

- 1 On-screen menu display
- 2 Volume adjustment
- 3 Channel selection
- 4 Remote control sensor
- 5 Standby indicator
- 6 Power on/off

◆ If the remote control no longer works or you have misplaced it, you can use the controls on the panel of the television.

### Connection Panel

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

AV IN  
VIDEO IN  
AUDIO IN

VHF/UHF  
75Ω

1 OR  
cable television network

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

### Remote Control

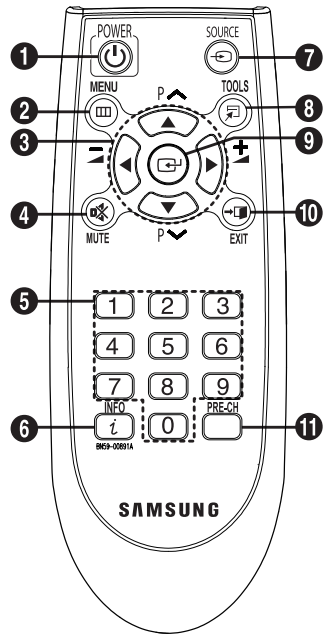
➤ Operation of remote control may be affected by bright artificial light near to the TV.

- 1 **POWER**  
Used to switch the TV on and off.
- 2 **MENU**  
Used to display the on-screen menu or return to the previous menu.
- 3 ▲/▼/◀/▶  
Used to control the cursor in the menu.

P ▲ / ▼  
Used to display the next or previous stored channel

▲ + / -  
Used to increase or decrease the volume.

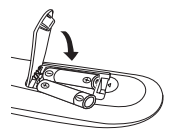
4 **MUTE**  
Used to switch the sound off temporarily. To turn the sound back on, press the **MUTE** ▲ + or ▼ - button.



- 5 **Numeric buttons**  
Used to select channels directly.
- 6 **INFO**  
Used to view the channel information and setting status you selected.
- 7 **SOURCE**  
Used to display all of the available video sources.
- 8 **TOOLS** (depending on the model)  
You can check the following selection by pressing Tools button.
  1. **Sleep Timer**  
(Used to select a preset time interval for automatic turn off.)
  2. **Picture Mode**  
(Used to select the picture effect.)
  3. **Sound Mode**  
(Used to select sound effect.)
4. **Dual I-II** (Used to select sound mode.)
5. **Turbo Plus** (Used to select the Turbo Plus option.)
6. **FM Radio**  
(Depending on the model)(used to select FM on or off)
7. **Sound Adjust**  
(Used to display the sound menu)
- 9 **ENTER**  
While using the on-screen menu, press the **ENTER** button to activate (or change) a particular item.
- 10 **EXIT**  
Used to exit from any display or return to normal viewing.
- 11 **PRE-CH**  
Used to switch repeatedly between the last two channels displayed.

### Installing Batteries

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




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



## Troubleshooting

Before contacting the Samsung after-sales service, perform the following simple checks. If you cannot solve the problem using the instructions below, note the model and serial number of the television and contact your local dealer.

### No sound or picture

- ◆ Check that the mains lead has been connected to a wall socket.
- ◆ Check that you have pressed the “” button (On/Off) and the **POWER** button on remote control.
- ◆ Check the picture contrast and brightness settings.
- ◆ Check the volume.

### Normal picture but no sound

- ◆ Check the volume.
- ◆ Check whether the volume **MUTE** button on the remote control has been pressed.

### No picture or black and white picture

- ◆ Adjust the color settings.
- ◆ Check that the broadcast system selected is correct.

### Sound and picture interference

- ◆ Try to identify the electrical appliance that is affecting the television, then move it further away.
- ◆ Plug the television into a different mains socket.

### Blurred or snowy picture, distorted sound

- ◆ Check the direction, location and connections of your aerial.  
This interference often occurs due to the use of an indoor aerial.

### Remote control malfunctions

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

### A still image may cause color distortion, but with normal sound(white or highlight image).

- ◆ Switch to other channels with moving image, and check if the color turns normal after 5 minutes.
- ◆ Turn off the TV, and turn it on after 30 minutes to check the color.

## Important Warranty Information Regarding Television Format Viewing





Standard screen format televisions (4:3, the aspect ratio of the screen width to height) are primarily designed to view standard format full-motion video. The images displayed on them should primarily be in the standard 4:3 ratio format and constantly moving. Displaying stationary graphics and images on screen, such as the dark top and bottom letterbox bars (wide screen pictures), should be limited to no more than 15% of the total television viewing per week.

Wide screen format televisions (16:9, the aspect ratio of the screen width to height) are primarily designed to view 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 constantly moving. Displaying stationary graphics and images on screen, such as the dark side-bars on non-expanded standard format television video and programing, should be limited to no more than 15% of the total television viewing per week.

Additionally, viewing other stationary images and text such as stock market reports, video game displays, station logos, web sites or computer graphics and patterns, should be limited as described above for all televisions. **Displaying any stationary images that exceed the above guidelines can cause uneven aging of picture tubes (CRTs) that leave subtle, but permanent burned-in ghost images in the television picture. To avoid this, vary the programing and images, and primarily display full screen moving images, not stationary patterns or dark bars.** On television models that offer picture sizing features, use these controls to view the different formats as a full screen picture.

Be careful in the selection and duration of television formats used for viewing. Uneven CRT aging as a result of format selection and use, as well as other burned-in images, is not covered by your Samsung limited warranty.

## OSD Map

	<b>Input</b>	- Source List	- TV / AV
	<b>Picture</b>	- Mode	- Mode - Contrast - Brightness - Sharpness - Color - Tint (NTSC only) - Color Tone - Reset
		- Digital NR	- Off / On
		- DNIe	- Off / On
	<b>Channel</b>	- Auto Store	- Program
		- Manual Store	- Sound System
			- Search
			- Store
		- Add/Delete	
		- Fine Tune	
		- Sort	
	<b>Setup</b>	- Plug & Play	- Clock
		- Language	- On Timer
		- Time	- Off Timer
		- Child Lock	- Child Lock
			- Program
			- Lock
		- Blue Screen	- Off / On