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Digital Photo Frame **SPF-105P**





Digital Photo Frame ○○○○○○○○○○

SPF-105P

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☰ Safety Instructions

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▣ Safety Symbols

※ Make sure to follow the directions below to prevent accidents and damage to the product.



Warning

Failure to follow the accompanying directions may lead to serious injury or death.



Attention

Failure to follow the accompanying directions may lead to minor personal injury or property damage.

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▣ Power

※ The images here are for reference only, and are not applicable in all cases (or countries).

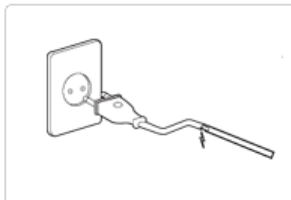


Warning



▶ Insert the power plug correctly until it is firmly in place.

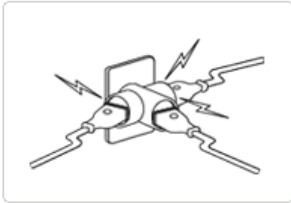
- Failing to do so, may cause fire.



▶ Do not use a damaged power plug, cord or outlet, as this may cause electric shock or fire.



▶ Do not touch the power plug with wet hands, as this may cause electric shock.

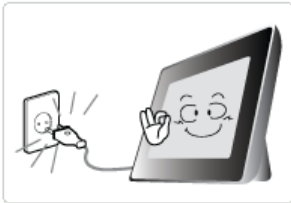


- ▶ **Do not connect more than one appliance to a single outlet, as an overheated outlet may cause fire.**



- ▶ **Do not use force to pull the power cord. Don't place anything heavy on the power cord, as this may cause electric shock or fire.**

- Failing to do so, may cause electric shock or fire.



- ▶ **Make sure to turn the power off and disconnect the power plug from the outlet before moving the product. Make sure to disconnect the connection cables from other devices as well.**

- Moving the product without disconnecting the power cord may damage it while moving, and may cause electric shock or fire.



Attention



- ▶ **Hold and pull out the plug by its body when disconnecting it from the outlet, as pulling the plug out by the cord may cause it to be damaged.**

- Failing to do so, may cause fire, or the product may not turn on normally.



- ▶ **Ensure that the power plug is disconnected before cleaning the product.**

- Failing to do so, may cause electric shock or fire.



- ▶ **Keep the product away from places exposed to oil, smoke or moisture; do not install inside a vehicle.**

- This may cause a malfunction, electric shock or fire.
- In particular, avoid operating the monitor near water or outdoors where it could be exposed to snow or rain.



- ▶ **Do not install the product near any heating appliance.**

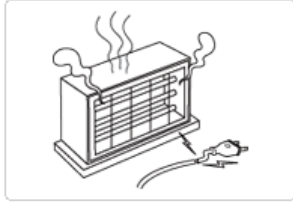
- There is a risk of fire.

 **Warning**

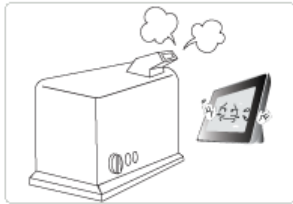


▶ **When installing the product on a cabinet or shelf, do not let the front end of the product project beyond its front edge.**

- Failing to do so, may cause the product to fall, resulting in a product malfunction or personal injury.



▶ **Do not place the power cord near a heater, as the power cord may melt, causing electric shock or fire.**



▶ **Do not install the product in a car or a location exposed to oil, smoke, moisture, water, or rainwater.**

- Any contact of these materials with the product may cause electric shock or fire.



▶ **Disconnect the power plug when there is thunder or lightning.**

- Failing to do so, may cause electric shock or fire.

 **Attention**



▶ **Place the product down gently when installing it.**

- Failing to do so may cause product damage or personal injury.



▶ **Avoid dropping the product when moving, as this may cause product damage or personal injury.**



▶ **Do not install the product in a location easily reached by children.**

- As the product may fall and cause personal injury.

 **Warning**



▶ **Do not insert any metal objects such as forks, wire, or gimlets, or flammable items such as paper or matches into the ports at the back of the product, as this may cause electric shock or fire.**

- If water or any foreign substance enters the product, make sure to turn the product off and disconnect the power plug from the outlet, and contact a **service center**.



▶ **Never disassemble, repair, or modify the product yourself.**

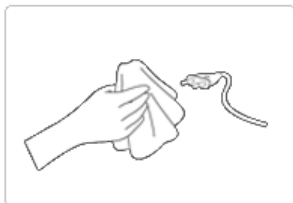
- If you need to repair your product, contact a **service center**. An attempt at repairing this product may cause electric shock or fire.

 **Attention**



▶ **If you hear a strange sound, smell anything burning, or see smoke, disconnect the power plug immediately and contact a service center.**

- Failing to disconnect the power plug may cause electric shock or fire.



▶ **Always remove dust and water from the pins and connections of the power plug.**

- Failing to do so may cause electric shock or fire.



▶ **When cleaning the product, first disconnect the power plug and clean it with a soft, dry cloth.**

- Do not use any chemicals such as benzene, alcohol, thinners, mosquito repellent, aromatic, lubricant, detergent or wax.



▶ **When not using the product for a long time, make sure to disconnect the power plug.**

- Heavy accumulated dust may cause electric shock or fire.



▶ **If the product needs to be installed in a location that doesn't satisfy general conditions, make sure to contact one of our service engineers about the installation as the product may encounter serious quality problems due to its environment.**

- This refers to locations exposed to conditions such as heavy fine dust, chemicals, high or low temperature, moisture, or when the product needs to be used continually without a break over a long time.



▶ **If the product has been dropped or the product casing is damaged, turn it off and disconnect the power plug.**

- Using the product without verifying that it has not been damaged may cause electric shock or fire. Please contact a **service center**.

Correct Disposal of This Product
(Waste Electrical & Electronic Equipment) - Europe only



(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household waste at the end of its working life. To prevent possible harm to the environment or damage to health from uncontrolled waste disposal, please separate this from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Correct disposal of batteries in this product
- Europe only



(Applicable in the European Union and other European countries with separate battery return systems.)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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Digital Photo Frame



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Overview

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Features

- 01 Expansion of built-in memory using memory cards. Instant view of stored images
- 02 Background music function.
- 03 Can be used for a specific period of time with the battery only without being connected to a power outlet
- 04 Provides the Mini-Monitor function.
- 05 Stylish design
 - ◆ Premium stylish appearance design product that can be used a decoration on a desk or table
 - ◆ Rotating stand allowing vertical/horizontal placement

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Please check that all components are contained in the delivered package.
 If anything is omitted, contact the local distributor where the product was purchased. For optional items, contact a [service center](#).
 Never use a power adapter other than the adapter provided with the product.

Components



Digital Photo Frame
 (The product color and shape may vary depending on the model.)

Manual



Quick Start



Warranty
 (Not available in all locations)



User Manual

Cables



Power cord



USB cable (A-B type)



Power Adapter

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Front

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



※ This product is a touch type product. If you lightly touch the button on the right of the product, the button light is turned on. When the button light is turned on, you can then operate each button's menu.

- 1 [MENU] Menu Button** Displays the menu window at the bottom left corner of the screen.
- 2 [▲] Up Button** Used for moving up.
- 3 [◀] Left Button** Used for moving left.
- 4 [▶] Right Button** Used for moving right.
- 5 [▼] Down Button** Used for moving down.
- 6 [Enter] Enter Button** Used for selection
- 7 [↶] Back Button** Returns to the previous menu.
- 8 [SlideShow] SlideShow Button** Starts a slideshow.

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Back

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



- 1**  **Power terminal**

Connect the power adapter to this jack.
Connect the power cord to the power terminal of the power adapter.



- 2 [⏻] **Power Button** Turns the product on or off.
- 3 **Stand** You can use the product in a vertical or horizontal direction by using the rotating stand.
- 4 **Sliding Prevention Holder** Supports the product so that it stays firmly in place on slippery surfaces.
- 5 **Service terminal** This is a terminal for servicing only. Do not operate it arbitrarily.
- 6  **Kensington lock** The Kensington lock is a device used to physically secure the system when using it in a public place. (The locking device has to be purchased separately.)

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▣ Side/Bottom

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



- 1 **Speaker** You can listen to sound without connecting an additional speaker.
- 2  **Headphone connection jack** You can listen to sound by connecting headphones or earphones to the product.
- 3 **MEMORY CARD Slot** Allows you to insert an optional memory card. (Only applicable for SD/MS/CF card)
 - 3-1 **MEMORY CARD**
 - 3-2 **CF**
- 4  Connect a PC or an external device using a USB cable.
 - 4-1 **Up stream terminal** Connect your Digital Photo Frame to a PC's USB terminal with a USB cable.
 - ✘ Make sure to use the USB cable (A-mini B type) provided with the product when connecting your digital photo frame to a PC through the up stream terminal.
 - 4-2 **Down stream terminal** Connect your Digital Photo Frame to a USB-supported storage device.

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Connecting

| Power | **USB** | Memory Card |

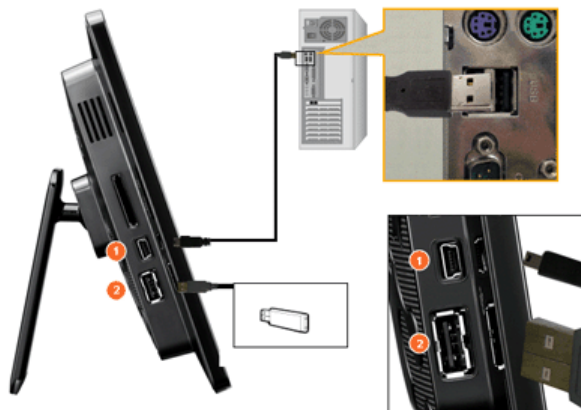
▶ Power



- 1 Connect the adapter cable to the terminal on the back of the product.
- 2 Connect the power cord to the power adapter.
- 3 Plug the power cord for the product into a nearby outlet.
- 4 Press the [] button to turn on the power.

| Power | **USB** | Memory Card |

▶ USB



1 Up Stream Terminal

Used to connect your digital photo frame to a PC.

- ✘ When connecting your digital photo frame to a PC through the up stream terminal, make sure to use the USB cable provided with the product.

2 Down Stream Terminal

Used to connect an external USB-supporting device to your digital photo frame.

- ✘ If you connect your USB memory stick product to a USB hub or USB extension, it may not be recognized. Therefore, make sure that the USB memory stick is inserted directly into the USB port.
- ✘ When connecting an external device to the down stream terminal, use the USB cable provided with the external device. (For more information on external devices and their cables, contact a relevant **service center**.)
- ✘ Samsung carries no liability for external device malfunctions caused by using any cable except the standard cables specified for each device.
- ✘ Some external products provide a cable that does not meet USB standards. Hence, they may cause a malfunction.
- ✘ If an external storage device does not work normally when connected to your digital photo frame, try to connect it to your PC. If it still does not work normally when connected to your PC, contact a **service center** for that external device or your PC.



A Connect to the up stream terminal of your digital photo frame.

B Connect the USB terminal of your PC.

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Memory Card



1 MEMORY CARD 2 CF Slide the card in the direction marked on the top of the card.

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Using

- ✘ If no button is pressed for ten (10) minutes, Slideshow or Clock mode is activated. However, if a music file is being played, Clock mode is activated and the filename of that music file is displayed.
- ✘ This product is in a touch type. If you touch the button part on the right of the product lightly, the button light is turned on. When the button light is turned on, if you touch each button it will operate.

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Usage Guide

Direct Functions

Button	Description
MENU	Enters or exits a menu. Hold the MENU button down for more than five (5) seconds. All the lights of the buttons will blink twice and the button lock function will be activated. To clear the button lock function, hold the MENU button down again for more than five (5) seconds.
▲, ▼, ◀, ▶	Moves around the items and adjusts a value.
	Selects a function you want to use.
	Returns to the previous screen. ✘ Hold down this button for two (2) seconds to return to the Main screen.
	Starts a slideshow. When playing a slideshow by pressing the button, the photos in the location of the last played photo are played. If the photos in the location of the last played photo have been removed, they are automatically searched for and then played in a slideshow.

Screen Status Indications

Display	Description
	Displayed when a USB device is connected.
	Displayed when an SD/MS memory card is connected.
	Displayed when an CF memory card is connected.

Battery Indications

Display	Description
	Displayed when the battery is being used with the power cable connected and being charged.
	Displayed when the battery is charged fully and the power cable is connected.



Displayed when the battery is charged fully.



Displayed when about 25% of the battery is consumed.



Displayed when about 50% of the battery is consumed.



Displayed when about 75% of the battery is consumed.

9Displayed when about 95% of the battery is consumed.



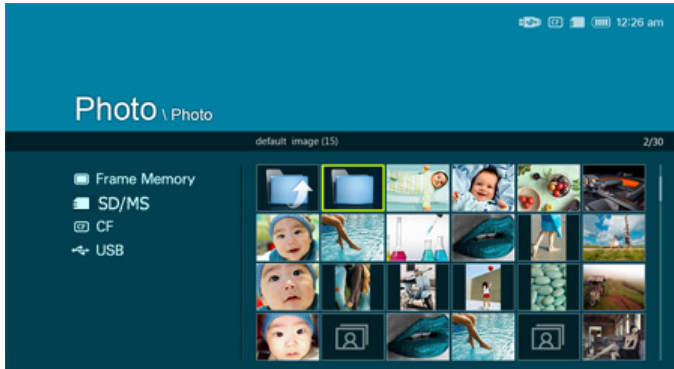
Displayed when about 95% of the battery is consumed. The screen displayed when it happens switches to the main screen immediately and the discharged battery icon blinks at the center of the screen and the power is turned off. While the discharged battery icon is blinking, you cannot enter a submenu.

- ✘ It takes about two (2) hours to charge the battery fully from a completely discharged state.
- ✘ The slideshow can continue for about one (1) hour in the default state (Volume 70, Brightness 70) when the battery is fully charged.
- ✘ The battery usage time may be different according to the setting conditions (Brightness, Volume etc.).
- ✘ If the product is turned off automatically because the battery is fully discharged, the time you set before is erased in one hour. In this case you should set the time again. If you connect your product to a power outlet within one hour, the time information is retained.
- ✘ The battery lifetime becomes shorter as the product use time becomes longer.
- ✘ The rechargeable battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider.

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▶ Photo

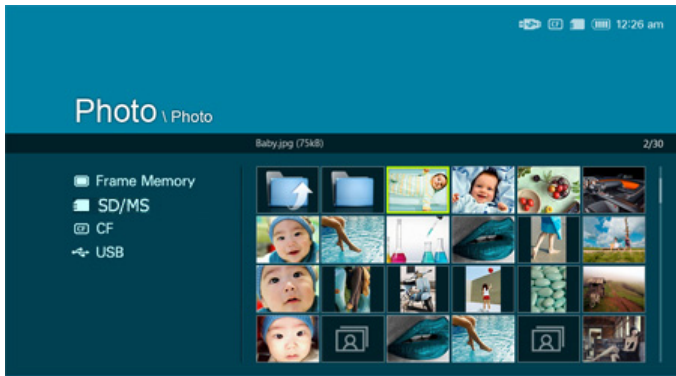
➤ When selecting a folder



- ✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

Menu	Description
Open	Opens the selected folder.
Copy	Copies the selected folder.
Delete	Deletes the selected folder.

➤ The menu displayed when selecting a thumbnail



✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

Menu	Sub Menu	Description
Start Slideshow		Starts a slideshow
Copy		Copies the selected file to a different storage device. (Activated when a storage device is connected.)
Copy All Files		Copies all files to a different storage device. (Activated when a storage device is connected.)
Delete		Deletes the selected file.
Delete All Files		Deletes all files.
Set as Background		Sets the selected image as the background of the main screen. At this time the setting mode for the background is changed to Custom mode automatically.

✘ When copying a photo from an external memory storage device (SD/MS, USB memory) to the Frame Memory, if the [Settings]-[Options]-[Frame Memory Copy] is set to the [Resized], the size (screen quality) of the photo is automatically reduced before saving so that it can be displayed with fit to the screen of your digital photo frame and the EXIF (camera related information) saved in the photo is removed. Thus, make sure to use the photos saved in the Frame Memory only with the digital photo frame.

✘ It may take a long time if a lot of files are copied at a time.

Slide Show



✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

✘ Only photos with a resolution of less than 8000 (width) * 8000 (height) pixels can be displayed on the screen.

Upper OSD	Sub OSD	Detail OSD	Description
	Effect	<ul style="list-style-type: none"> No Effect, Fade, Blind, Cross Comb, Mosaic, Checker, Dissolve, Wipe, Extend, Silk, Corner, Wheel, Ellipse, Random 	Select an effect to give when displaying images on the screen.
	Speed	<ul style="list-style-type: none"> Fast, Normal, Slow 	
Slide Show Settings			Select a speed among Fast, Normal, and Slow.
	Mode	<ul style="list-style-type: none"> All photos, Photos in Folders, Shuffle photos in folders, Repeat one photo 	Select the Repeat for displaying images.
	Display Clock	<ul style="list-style-type: none"> On, Off 	Selects whether to play a slideshow and show the current time at the same time.

Brightness	<ul style="list-style-type: none"> ◆ 0~100 <p>Adjust brightness from 0 to 100 levels.</p>
Rotate	<ul style="list-style-type: none"> ◆ Original, 90°, 180°, 270° <p>Select one among Original, 90°, 180°, and 270°.</p>
Zoom	<ul style="list-style-type: none"> ◆ x1, x2, x4 <p>Select this if you want to zoom into a photo. You can magnify it to the x2 or x4 size. The x1 size is when the photo is set to Fit to Width.</p> <ul style="list-style-type: none"> ◆ Original Fit, Auto Fit, Fit to Width, Fit to Screen <p>You can select how to adjust the sizes of photos when displaying them on the screen.</p> <p>Original Fit : When the photo size is larger than the screen size, it is displayed to fit the screen size.</p> <p>Auto Fit : If the photo size is larger or smaller than the screen size, it is resized to fit the screen size.</p> <p>Fit to Width : Photos are displayed with fit to the screen width. A horizontal or vertical part of a photo may be displayed cut but there is no distortion.</p> <p>Fit to Screen : Photos are displayed with fit to the resolution of 800*600. (There may be a distortion in photo image.)</p>
Aspect Ratio	
Delete	Deletes a photo being displayed in the slideshow.
Set as Background	Sets the currently selected image as the background of the main screen.
Background Music	<ul style="list-style-type: none"> ◆ On, Off, Music Setting <p>If you select [Settings] from [Background] by pressing the MENU button, the music files in the folder of the last played music file are played as the background music. (If the background music files in the folder of the last played music file have been removed, they are automatically searched for and played.) To set a music file as background music, select [Music Settings] from [Background Music] and select a music file from the Frame Memory or the connected external storage device.</p>

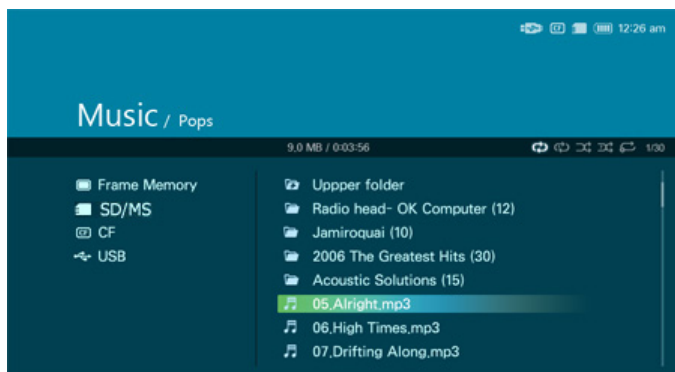
➤ Direct Functions (Slide Show)

Menu	Description
MENU	Opens the on-screen menu and exits from the menu.
▶	Plays the next file.
◀	Plays the previous.
▲ ▼	Adjusts the volume.
⏮	Plays and Pauses a file.
⏭	Starts a slideshow.

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▶ Music

➤ The menu displayed when selecting a list

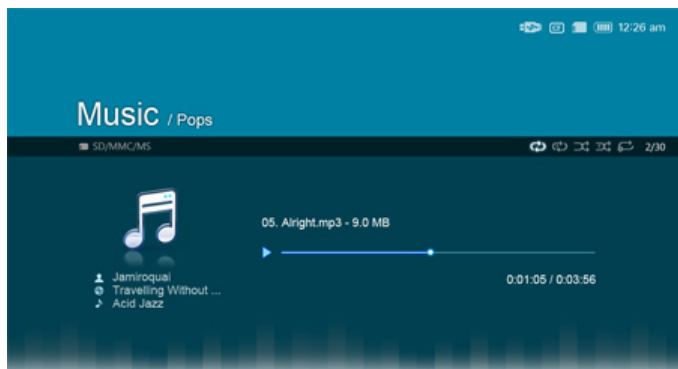


✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

Menu	Sub Menu	Description
------	----------	-------------

Play Music	Plays a file.
Play Mode	<ul style="list-style-type: none"> ♦ All musics, Music in Folder, Shuffle all musics, Shuffle music in Folder, Repeat one music Selects a play mode.
Copy	Copies the selected file to a different storage device. (Activated when a storage device is connected.)
Copy All Files	Copies all files to a different storage device. (Activated when a storage device is connected.)
Delete	Deletes the selected file.
Delete All Files	Deletes all files.

➤ The menu displayed during playback



✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

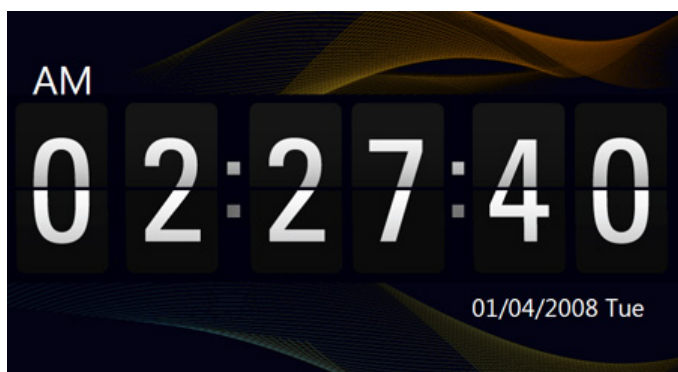
Menu	Sub Menu	Description
Play Mode	<ul style="list-style-type: none"> ♦ All musics, Music in Folder, Shuffle all musics, Shuffle music in Folder, Repeat one music 	Selects a play mode.

➤ Direct Functions

Menu	Description
MENU	Opens the on-screen menu and exits from the menu.
▶	Plays the next file.
◀	Plays the previous.
▲ ▼	Adjusts the volume.
⏮	Plays and Pauses a file.
⏭	Starts a slideshow.

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📌 Clock&Alarm

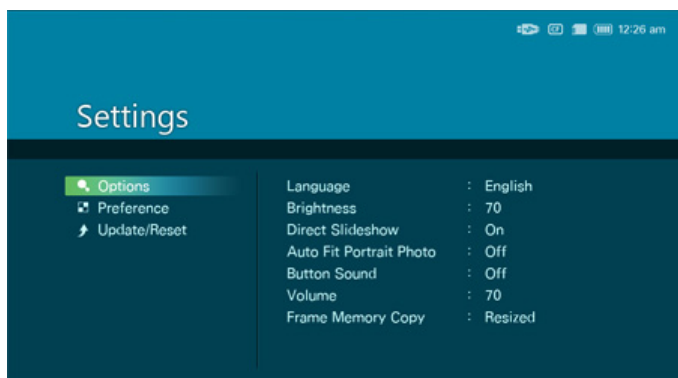


✘ If you press the Menu button, the menu of the selected item is displayed on the screen.

Menu	Sub Menu	Detailed Menu Description
Date and Time		<ul style="list-style-type: none"> Month, Day, Year, Hour, Minute, am/pm (When Time Format is set to 12 Hours.) Month, Day, Year, Hour, Minute (When Time Format is set to 24 Hours.) <p>Sets the date and time.</p>
Time Format	<ul style="list-style-type: none"> 12 Hours, 24 Hours 	<p>For Time Format, you can select 12 Hours or 24 Hours. If you select 24 Hours, am/pm is not displayed.</p>
Date Format	<ul style="list-style-type: none"> YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY 	<p>You can select the format in which the date is displayed.</p>
Clock Type	<ul style="list-style-type: none"> Analog, Digital, Clock & Calendar 	<p>You can select a clock type.</p>
Clock & Alarm	Activation	<ul style="list-style-type: none"> Yes, No
	Set time	<ul style="list-style-type: none"> Manual, After 10min., After 20min. After 30min.
	Hour	<ul style="list-style-type: none"> 1~12(12 Hours) 0~23(24 Hours)
	Minute	<ul style="list-style-type: none"> 00~59
	am/pm	<ul style="list-style-type: none"> am, pm
	Repeat	<ul style="list-style-type: none"> Once, Sat ~Sun, Mon~ Sat, Mon~ Fri, Everyday
	Sound	<ul style="list-style-type: none"> Sound 1, Sound 2, Sound 3
	Volume	<ul style="list-style-type: none"> 0~100
		<p>You can set an alarm.</p>

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Settings



Menu	Sub Menu	Detailed Menu Description
	Language	<ul style="list-style-type: none"> English, Deutsch, Español, Français, Italiano, Nederlands, Polski, Русский, Português, Svenska, Türkçe, 简体中文, 日本語, 한국어 <p>You can select the product language.</p>
	Brightness	<ul style="list-style-type: none"> 0~100 <p>Adjusts the brightness of the screen.</p>
	Auto Fit Portrait Photo	<ul style="list-style-type: none"> Off, On <p>If Digital photo frame is laid horizontally, the portrait picture automatically turns around to be able to show the</p>

whole picture in Digital photo frame.

Button Sound ♦ Off, Low, Medium, High

You can turn on or off the button operation sound heard when operating the product.

Volume ♦ 0~100

Options

Adjusts the volume.

Frame Memory Copy ♦ Original Size, Resized

When copying a photo from an external memory storage device (SD/MS, USB memory) to the Frame Memory, if the [Settings]-[Options]-[Frame Memory Copy] is set to the [Resized], the size (screen quality) of the photo is automatically reduced before saving so that it can be displayed with fit to the screen of your digital photo frame and the EXIF (camera related information) saved in the photo is removed. Thus, make sure to use the photos saved in the Frame Memory only with the digital photo frame.

Starting Mode ♦ Home, Last Mode, Slideshow

You can select the first screen to be displayed when power is turned on.

Screen Saver ♦ Slideshow, Clock

You can select the screensaver type.

If no button is operated for ten (10) minutes, the screensaver starts to protect the monitor.

Home Background ♦ Default, Custom

Preference

You can set the background of the main menu screen.

Auto Picture On/Off ♦ Activation, Hour, Minute, am/pm, Repeat

When the time reaches the [Off Time], other operations are stopped and the screen is turned off. When the time reaches the [On Time], the screen is turned on and the previous operating status persists.

If the screen is turned off as the time has reached the [Off Time], press any button except the Power button to display the screen again.

✘ If the product is being used as a Mini-Monitor or a Mass Storage device connected to your PC via a USB cable, the screen will not be turned off even if the time reaches the Off Time.

Firmware Update You can update the product by using a USB memory stick or memory card (SD/MS).

For the latest firmware file, visit www.samsung.com.

Reset Settings ♦ Yes, No

Update/Reset

Initializes the settings to the factory defaults.

However, this does not include the time information and language settings.

Product Information ♦ Model, Firmware Version

You can check the product information.

➤ I want to update firmware.

01 Preparations

- 01 Digital Photo Frame
- 02 Firmware update file.
- 03 USB memory card or external memory devices(CF/SD/MS, USB)
- 04 Please visit www.samsung.com for the latest firmware update.

02 Connect USB memory card to PC

- 01 If you are ready, connect the USB memory card to your PC.
 - 02 Copy the firmware update file you downloaded to the USB memory card.
- ✘ (Make sure to copy the firmware update file to the root directory.)

03 Connect USB Memory Card to Digital Photo Frame

- 01 Remove the USB memory card from your PC, and connect it to your Digital Photo Frame.
- ✘ If your Digital Photo Frame is off, turn it on.

04 Updating

- 01 Select [Firmware Update] on the [Settings]-[Update/Reset] page.
 - 03 The update progression is displayed on the screen.
When the update finishes, turn your Digital Photo Frame off, remove the USB memory card, and turn your Digital Photo Frame on again, for maximum safety.
- ✘ Do not remove the USB memory card during the update operation.
Do not press any key during the update operation.

Do not insert any other card during the update operation.
Do not turn your Digital Photo Frame off during the update operation.
You can identify whether the update operation has finished successfully or not by checking the
firmware version of your Digital Photo Frame is changed to the version of the firmware update.

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Digital Photo Frame



Digital Photo Frame ○○○○○○○○○

SPF-105P

[Safety Instructions](#) [Overview](#) [Connecting](#) [Using](#) [Applications](#) [Specifications](#) [Troubleshooting](#)

Applications



The Digital Photo Frame not only allows you to appreciate photos but also provides an additional Mini-Monitor function. The Mini-Monitor is a function for using the Digital Photo Frame as an auxiliary monitor. Its usage is simple as the Digital Photo Frame connects to your PC via a USB cable. This function allows you to work more efficiently at your PC by using an additional monitor. To use your digital photo frame as a Mini-Monitor, first install the Frame Manager program. (However, please note that you can use only one digital photo frame as a Mini-Monitor.)

▶ [Installing Frame Manager guide](#)

▶ [Frame Manager User's Manual](#)

- Using your digital photo frame as a Mini-Monitor.
- Using your digital photo frame as Mass Storage.
- Changing the current mode to another mode
- Adjusting the brightness
- Updating the firmware

✕ [System Requirements](#)

- **OS** : Windows XP SP2, Vista (32bit)
- **USB** : Extended Host Controller (EHCT) for USB 2.0
- **RAM** : 256 MB or above

✕ [Caution](#)

1. When using Windows XP, Service Pack 2 must be installed.
It might not operate with any operating systems other than Windows XP SP2. We are not liable for problems that may occur when installing it on an operating system other than Windows XP SP2.
2. We recommend a CPU speed of 2.4 GHz or higher.
Your digital photo frame might not operate normally if the performance specifications of your PC are lower than the recommendations.
3. Make sure to install it correctly as directed in the Installation Guide.
4. Do not use your Mini-Monitor as a primary monitor.
We are not liable for any problems that may occur if you do not follow the directions. If it is used as a primary monitor, the screen may be blank.
5. Make sure to use the provided USB cable.
6. When operated as Mini-Monitor, All buttons except "power, ▲/▼" don't operate.
7. Move the programs displayed and used on the Mini-Monitor to the primary monitor after you have finished using it.
8. The Mini-Monitor may not operate with some video cards. In this case, set the 'Hardware acceleration' value to 'None'.
 - ✕ **To set Hardware acceleration to None:** Right-click on the Windows Desktop and select Properties from the displayed menu. The Display Properties window appears. Click Settings > Advanced > Troubleshoot tab. Move the Hardware acceleration slide to None.
9. You cannot use the Aero effect of Windows Vista while using the Mini-Monitor.
10. When using Windows Vista, some movies cannot be played using the Mini-Monitor.

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Digital Photo Frame



Digital Photo Frame ○○○○○○○○○○ SPF-105P

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Specifications

▣ Specifications

Items	Specifications	
Model Name	SPF-105P	
Panel	Type	10" (26 cm) TFT
	Resolution	1024 x 600
	Brightness	300 cd/m ²
	Contrast Ratio	500 : 1
	Interface	Digital 8 bit LVDS
Supported Formats	JPEG (Progressive,CMYK JPEG is not supported.) MP3	
Built-in Memory	1 GB	
USB	One upstream (device 2.0) and one downstream (host 1.1)	
Memory Card	CF/SD/MS (FAT32)	
Power	Rating	External DC power adapter (12V, 2A, 24W)
	battery	7.4V 770mAh
	Consumption	Normal mode : under 10W (But, 14 W for battery charging) Power off mode : under 1W (Even if the power is turned off, up to 10W may be consumed while the battery is being charged.)
Sound	1W x 2 Stereo Speaker (8ohm) 10mW Stereo Earphone (16ohm)	
General	Dimensions (WxHxD)	288.8 x 66.2 x 198.5 mm / 11.4 x 2.6 x 7.8 inch
	Weight	1 Kg / 2.2 lb

※ The product design may differ according to the model, and specifications are subject to change without prior notice for product performance enhancement.

Class B Equipment (Information Communication equipment for residential use)
This product complies with the Electromagnetic Compatibility Directives for residential Use and can be



used in all areas including common residential areas. (Class B equipment radiates less electromagnetic influences than class A equipment.)

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Digital Photo Frame



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Troubleshooting

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Troubleshooting

This section lists various problems and solutions encountered by users while using the digital photo frame. When encountering a problem, first check the list below and follow the suggested action if one matches your problem. If the problem still persists, contact or visit the nearest [service center](#).

Symptoms	Causes and Actions
The power does not turn on.	<ul style="list-style-type: none"> Check the connections for the adapter cable and the power terminal of the product.
It takes a time until an image is displayed after the power is turned on. It takes a time to transit to the next photo.	<ul style="list-style-type: none"> In case the resolution is high or the file size is large, the photo may be displayed slowly on the screen.
I have connected an external storage device but it is not recognized.	<ul style="list-style-type: none"> Please check the connection between product and external storage. Connect to PC and check the operation state.
There is a remaining space in the Frame Memory but I cannot copy photos.	<ul style="list-style-type: none"> Create a folder in the Fame Memory and copy your photos.
I inserted a memory card but it does not operate. I connected a USB memory but it does not operate.	 <ul style="list-style-type: none"> Check the files of your memory card. Please try a different storage device. 
A portrait photo is displayed rotated to landscape.	<ul style="list-style-type: none"> Check whether [Auto Fit Portrait Photo] of the [Settings-Options] is set to Activated.
No slideshow is played automatically.	<ul style="list-style-type: none"> Set [Starting Mode] of [Settings-Preference] to [Slideshow].
Auto On and Auto Off do not operate.	<ul style="list-style-type: none"> If the Auto On and Auto Off are set to the same time, they do not operate. Check the time settings.
The [Button Sound] is set to On but no button operation sound is heard.	<ul style="list-style-type: none"> The button sound is not heard when adjusting the volume or the brightness.
The icon of the FrameManager is not displayed.	<ul style="list-style-type: none"> Check whether the FrameManager program is installed. Select Start- Programs - Samsung - FrameManager to restart the FrameManager.

- ◆ Reboot your computer.

I pressed a button, but it does not operate.

- ◆ Check whether the button lock function is activated.
- ◆ If you hold down the MENU button for more than five (5) seconds, the button lock function is activated. If you press a button it will not operate.
- ◆ To clear the button lock function, hold down MENU button for more than five (5) seconds again.

| [Troubleshooting](#) | [Terminology](#) | [Service Centers](#) |

▣ Terminology

Terms	Description
JPEG (Joint Photographic Coding Expert Group)	<ul style="list-style-type: none"> ◆ JPEG is an image compression technology. It provides the smallest loss of all image compression technologies. It is used widely to transmit multimedia files on the Internet and for other uses. An image file formatted in the JPEG format is called a JPEG or JPG file. Usually, a JPEG file is created by taking a picture with a digital camera, by drawing on a computer, or by a graphic package and then by compressing the graphics image into the JPEG format.
SD Card (Secure Digital Card)	<ul style="list-style-type: none"> ◆ An SD card is a Flash memory card the size of a postage stamp. It provides high stability and high capacity. It is widely used in various digital products such as PDAs, digital cameras, MP3 players, cell phones, and notebook PCs. Its appearance is similar to that of MMC, but the number of pins and their thickness is different. It also has a password setting function for data security.
USB Cable 1) A-B TYPE	<ul style="list-style-type: none"> ◆ Use the up stream terminal when connecting to a PC. This product supports USB 2.0. An A-B type cable which is used to connect your digital photo frame to a PC is provided with the product. The A type is the USB connector used to connect to a PC. The B type is the USB connector used to connect to an external device. You can connect your digital photo frame to a PC using an A-B type USB cable.
USB Cable 2) Cable for Connecting Other Devices	<ul style="list-style-type: none"> ◆ Use this type of cable when using the down stream terminal. This product supports USB 2.0. When connecting an external device to the down stream terminal, use the USB cable provided with the external device.
MP3 (MPEG Audio Layer-3)	<ul style="list-style-type: none"> ◆ MP3 is an Audio file formatted in a way of MP3 compression. It's high quality Audio compressing technology, it's possible to compress 50 times as much as CD. MP3, that has an excellent sound quality despite small quantity, has been used for Internet, FM radio link etc.

| [Troubleshooting](#) | [Terminology](#) | [Service Centers](#) |

▣ Service Centers

If you need a product service, contact or visit a Samsung [service center](#).
For services for network connection and the Server.

Services	Contacts
Samsung Electronics web site	www.samsung.com

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



customer care center.

North America		
U.S.A	1-800-SAMSUNG (7267864)	http://www.samsung.com/us
CANADA	1-800-SAMSUNG (7267864)	http://www.samsung.com/ca
MEXICO	01-800-SAMSUNG (7267864)	http://www.samsung.com/mx

Latin America		
ARGENTINE	0800-333-3733	http://www.samsung.com/ar
BRAZIL	0800-124-421 4004-0000	http://www.samsung.com
CHILE	800-SAMSUNG(726-7864)	http://www.samsung.com/cl
COLOMBIA	01-8000112112	http://www.samsung.com/co
COSTA RICA	0-800-507-7267	http://www.samsung.com/latin
ECUADOR	1-800-10-7267	http://www.samsung.com/latin
EL SALVADOR	800-6225	http://www.samsung.com/latin
GUATEMALA	1-800-299-0013	http://www.samsung.com/latin
HONDURAS	800-7919267	http://www.samsung.com/latin
JAMAICA	1-800-234-7267	http://www.samsung.com/latin
NICARAGUA	00-1800-5077267	http://www.samsung.com/latin
PANAMA	800-7267	http://www.samsung.com/latin
PUERTO RICO	1-800-682-3180	http://www.samsung.com/latin
REP. DOMINICA	1-800-751-2676	http://www.samsung.com/latin
TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	http://www.samsung.com/latin
VENEZUELA	0-800-100-5303	http://www.samsung.com/latin

Europe		
AUSTRIA	0810 - SAMSUNG (7267864, € 0.07/min)	http://www.samsung.com/at
BELGIUM	02 201 2418	http://www.samsung.com/be
CZECH REPUBLIC	800 - SAMSUNG (800-726786) Distributor pro Českou republiku: Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	http://www.samsung.com/cz
DENMARK	8 - SAMSUNG (7267864)	http://www.samsung.com/dk
EIRE	0818 717 100	http://www.samsung.com/ie
FINLAND	30 - 6227 515	http://www.samsung.com/fi
FRANCE	3260 'dites' SAMSUNG (€ 0,15/Min) 0825 08 65 65 (€ 0.15/Min)	http://www.samsung.com/fr
GERMANY	01805 - SAMSUNG (7267864, € 0.14/Min)	http://www.samsung.de
HUNGARY	06-80-SAMSUNG(726-7864)	http://www.samsung.com/hu

ITALIA	800-SAMSUNG(726-7864)	http://www.samsung.com/it
LUXEMBURG	02 261 03 710	http://www.samsung.com/lu
NETHERLANDS	0900 - SAMSUNG (7267864, € 0.10/Min)	http://www.samsung.com/nl
NORWAY	3 - SAMSUNG (7267864)	http://www.samsung.com/no
POLAND	0 - 801 - 1SAMSUNG (172678) 022 - 607 - 93 - 33	http://www.samsung.com/pl
PORTUGAL	808 20 - SAMSUNG (7267864)	http://www.samsung.com/pt
SLOVAKIA	0800-SAMSUNG (7267864)	http://www.samsung.com/sk
SPAIN	902 - 1 - SAMSUNG (902 172 678)	http://www.samsung.com/es
SWEDEN	075 - SAMSUNG (726 78 64)	http://www.samsung.com/se
SWITZERLAND	0848 - SAMSUNG(7267864, CHF 0.08/min)	http://www.samsung.com/ch
U.K	0845 SAMSUNG (7267864)	http://www.samsung.com/uk

CIS		
ESTONIA	800-7267	http://www.samsung.ee
LATVIA	8000-7267	http://www.samsung.com/lv
LITHUANIA	8-800-77777	http://www.samsung.lt
KAZAKHSTAN	8-10-800-500-55-500	http://www.samsung.kz
KYRGYZSTAN	00-800-500-55-500	
RUSSIA	8-800-555-55-55	http://www.samsung.ru
TADJIKISTAN	8-10-800-500-55-500	
UKRAINE	8-800-502-0000	http://www.samsung.ua
UZBEKISTAN	8-10-800-500-55-500	http://www.samsung.com/kz_ru

Asia Pacific		
AUSTRALIA	1300 362 603	http://www.samsung.com/au
CHINA	800-810-5858	http://www.samsung.com/cn
	400-810-5858	
	010-6475 1880	
INDIA	HONG KONG : 3698-4698	http://www.samsung.com/hk
	3030 8282	
	1800 110011 1-800-3000-8282	
INDONESIA	0800-112-8888	http://www.samsung.com/id
JAPAN	0120-327-527	http://www.samsung.com/jp
MALAYSIA	1800-88-9999	http://www.samsung.com/my
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	http://www.samsung.com/nz
PHILIPPINES	1800-10-SAMSUNG(726-7864)	http://www.samsung.com/ph
SINGAPORE	1800-SAMSUNG(726-7864)	http://www.samsung.com/sg
THAILAND	1800-29-3232	http://www.samsung.com/th
	02-689-3232	

TAIWAN	0800-329-999	http://www.samsung.com/tw
VIETNAM	1 800 588 889	http://www.samsung.com/vn

Middle East & Africa

SOUTH AFRICA	0860-SAMSUNG(726-7864)	http://www.samsung.com/za
TURKEY	444 77 11	http://www.samsung.com/tr
U.A.E	800-SAMSUNG (726-7864) 8000-4726	http://www.samsung.com/ae

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<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

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<http://emailbydomain.com>

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<http://auto.somanuals.com>

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<http://tv.somanuals.com>