

# Digital Photo Frame

User manual

800W  
1000W

*Click*

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- › Get started
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Read this manual thoroughly for proper use and maintenance instructions.

The images and screen shots used in this manual are from the 800W.

## Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:



**Caution** - situations that could cause damage to your device or other equipment



**Note** - notes, usage tips, or additional information

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- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.

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# Safety precautions

## WARNING:

- TO PREVENT ELECTRIC SHOCK, DO NOT OPEN OR REMOVE THE COVER OR BACK OF THE FRAME. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. ALLOW ONLY QUALIFIED PERSONNEL TO SERVICE THIS FRAME.
  - TO PREVENT FIRE, KEEP THIS FRAME AWAY FROM ALL OPEN FLAMES, SUCH AS CANDLES, AT ALL TIMES.
- 
- The slots and openings in the frame provide needed ventilation. To ensure reliable operation and prevent overheating, these openings must not be blocked or covered:
    - Do not cover the slots or openings.
    - Do not block the slots or openings by placing the frame on soft surfaces, such as beds, sofas, or rugs.
    - Do not place the frame in an enclosed space, such as a bookcase or cabinet, without proper ventilation.
  - Do not place the frame near or on sources of heat, such as radiators, or in direct sunlight.
  - Do not allow the frame to come in contact with water. Do not place the frame near sources of water, such as bathtubs or sinks, or where water or other liquids may splash or drip on the frame. If the frame gets wet, unplug the frame immediately and contact the dealer or an authorized service center.
  - Do not overload wall outlets, extension cords, or adaptors beyond their intended capacity, as this may result in fire or electrical shock.
  - Route all power supply cords away from traffic areas and other objects so that they are not likely to be stepped on or pinched by items placed on or against them. Ensure that wires are not twisted or pinched at plug ends or adapter connections.
  - During electrical storms or when the frame will be unattended and unused for extended periods of time, unplug the frame from the wall. This will prevent damage to the frame from electrical surges.
  - Before connecting the power cord, make sure that the voltage designation of the frame corresponds to the local electrical supply.

## Safety precautions

- Never insert any metal objects into the open parts of this frame, as this may result in electrical shock. Ensure that the power cord is completely plugged in when using this frame. Grasp the plug firmly when removing the power cord and never touch the power cord with wet hands.
- If you notice any unusual operation, such as unusual sounds or burning smells coming from the frame, unplug it immediately and contact the dealer or an authorized service center.
- It is not recommended to install the frame in a location where it will be exposed to heavy dust, high or low temperatures, high humidity, or chemical substances or where it operates continuously.
- Use only properly grounded plugs and outlets when connecting this frame. Improper grounding may cause electrical shock or damage to equipment.
- Keep this frame and all accessories out of the reach of children.
- Do not install the frame in unstable locations, such as improperly mounted shelves, angled surfaces, or where the frame may be exposed to vibration.
- Do not drop the frame or subject the frame to any strong impacts. If the frame is damaged, disconnect the power cord and contact a dealer or an authorized service center.
- Always unplug the power cord when cleaning the frame. Use only a soft, dry cloth to wipe frame. Do not expose the frame to any chemicals, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, lubricants, or detergents, as these may damage the frame's finish and void your warranty.
- Clean the product with a soft dry cloth.
  - Avoid cleaning the product with a flammable substance such as benzene or thinner or with a wet cloth. This may result in damage to the product.
  - Avoid scratching the screen with your fingernails or a sharp object.
  - Avoid cleaning the product by spraying water onto it. If water enters the product, it may result in fire, electric shock or malfunction.
  - Avoid using a supersonic humidifier near the product. It may result in a white stain on the surface of the product.

## Safety precautions



### **Correct disposal of this product**

**(Waste Electrical & Electronic Equipment)**



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

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them 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 these items for environmentally safe recycling.

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



### **Correct disposal of batteries in this product**

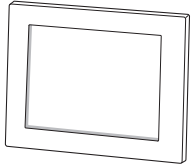
**(Applicable in the European Union and other European countries with separate battery return systems.)**

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.

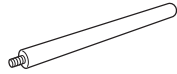
To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

# Get started

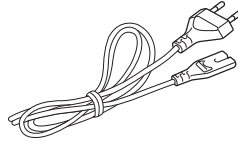
## What's in the box



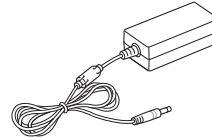
Digital frame



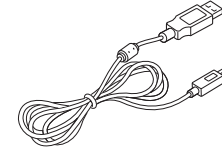
Frame stand



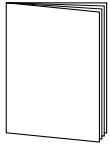
Power cable\*



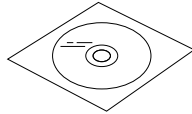
Adapter



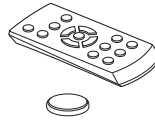
USB cable



Quick Start Guide  
and Warranty\*\*



CD-ROM  
(User Manual)



Remote control/  
Battery(CR2032)\*\*\*



Cloth

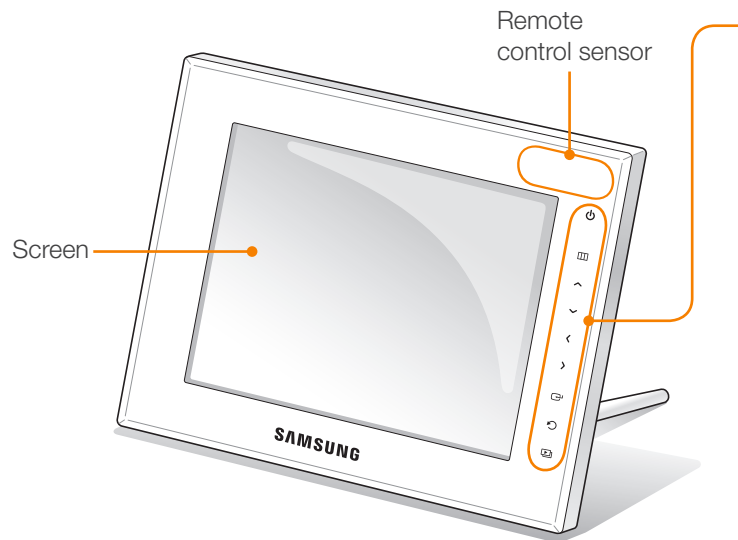
\* The shape of the plug may differ depending on your region.

\*\* Warranty may be unavailable depending on your region.

\*\*\* The battery may be not included depending on your region.

# Get to know your frame

## The front of your frame



Touch button*	Description
	Turn the frame on; Turn the frame off (touch and hold)
	<ul style="list-style-type: none"> <li>Access menus</li> <li>Lock or unlock the touch buttons (touch and hold)</li> </ul>
	Scroll through menus or items (up/down/left/right)
	Select menus or items; Perform selected functions
	Return to the previous level
	Play a slideshow in any screen; Change the view mode during a slideshow

\* The descriptions in this manual are based on the touch button. Please read this manual carefully and use correctly.

### When using the touch buttons

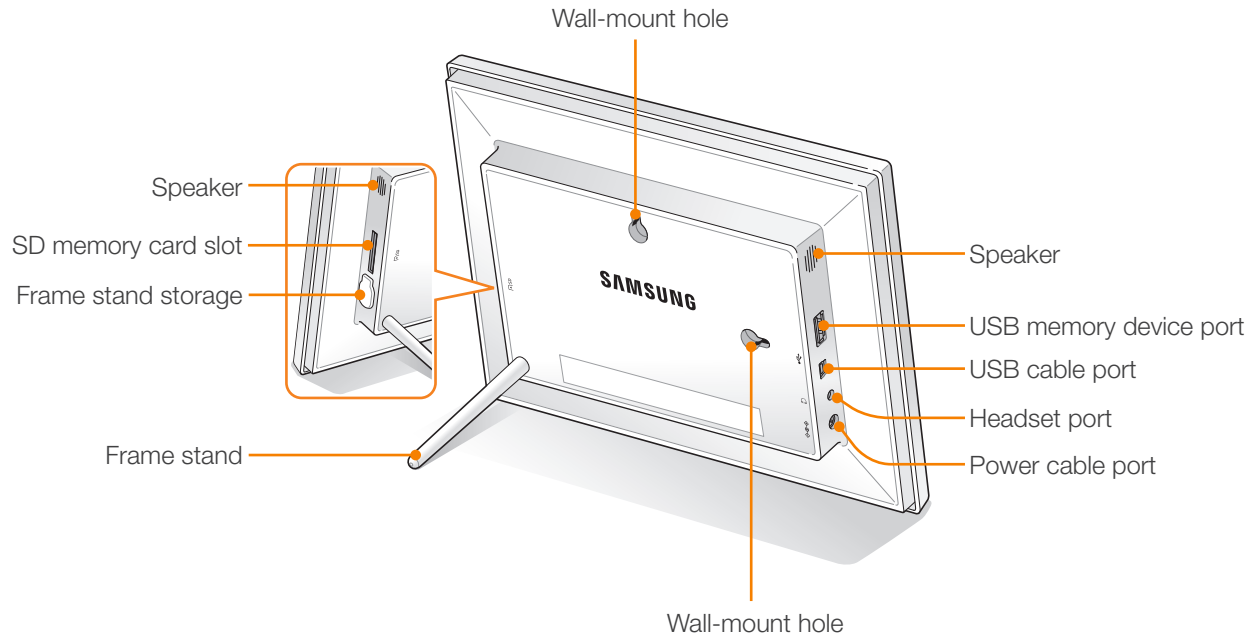
- Operate the touch buttons only with your fingers. Make sure your hands are clean and dry when using the touch buttons.
- Lightly touch the button that corresponds to the desired function.
- The touch sensor may not work properly when wet or in humid places.
- When the touch buttons disappear, lightly touch the touch panel to make the buttons visible.
- Do not cover the remote control sensor. It will block the signal from the remote control.
- When the touch buttons are locked, you can operate the device only with the remote control. After turning the device off and on, the device will remain locked. To unlock the device, touch and hold more than 5 seconds.



Get started

Get to know your frame (continued)

### The rear of your frame



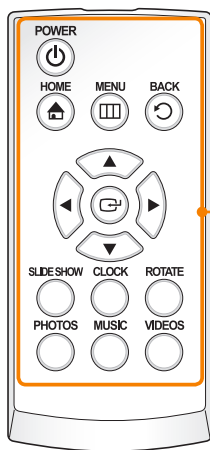


Get started

## Get to know your frame (continued)

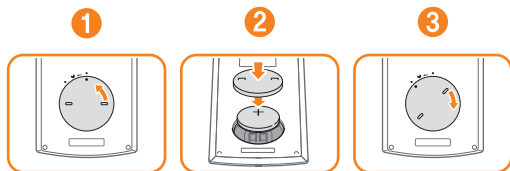
### Remote control

Be sure to point the remote control to the remote control sensor on the frame (p. 7).



Button	Description
	Turn the frame on or off
	Access the Main menu
	Access menus
	Return to the previous level
	Scroll through menus or items (up/down/left/right)
	Select menus or items
	Play a slideshow in any screen; Change the view mode during a slideshow
	View the time and date
	Rotate a photo during a slideshow
	Access the photo list screen
	Access the music list screen
	Access the video list screen

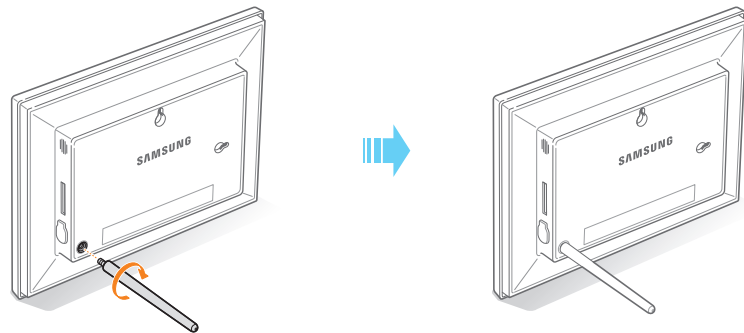
To change the remote control battery




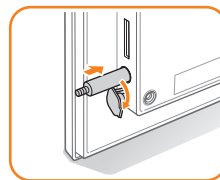
Get started

## Set up your frame

You can use the digital frame in both landscape and portrait view.

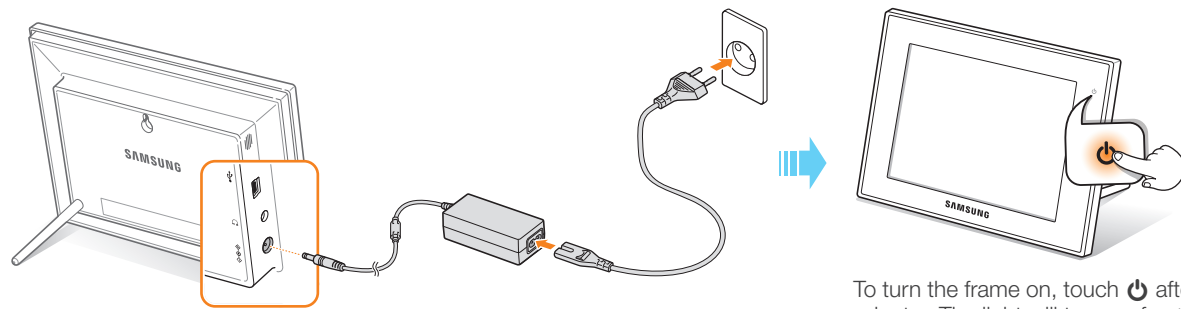


 Store the frame stand inside the holder when you are not using it.







 Do not press down on the frame or apply excessive pressure to the frame stand, as this may cause damage.

## Connect the adapter and turn the power on



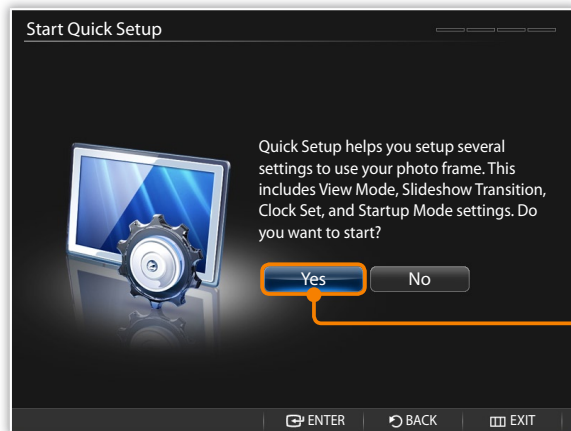
 The shape of the plug differs depending on your region.


To turn the frame on, touch  after connecting the power adapter. The light will turn on for  and the Main menu will appear. To turn the frame off, touch and hold .

- The light on  will be turned off automatically after some time.

## Customize basic settings

When you turn the frame on for the first time, the Quick setup screen appears. Select a language and customize the basic settings of your frame.



- 1 Scroll to your language and touch .
- 2 Select **Yes** to start the setup wizard.
- 3 Follow the on-screen instructions to customize your frame according to your preferences.

Setting	Description
View Mode	Select a view mode for a slideshow (p. 20)
Slideshow Transition	Select a transition effect for a slideshow (p. 22)
Clock Set	Set the current time and date (p. 13)
Startup Mode	Select a mode to activate when the frame turns on (p. 36)

- 4 When you complete the setup, select **Yes** to view the product guide.
- 5 Review the basic usage instructions for your frame, and then select **Done**.




## Get to know the Main menu

From the Main menu screen, you can access the following menus.



Menu	Description
Photos	Browse photos stored in the internal memory or on an external memory device and change options (p. 29)
Music	Listen to music stored in the internal memory or on an external memory device and change options (p. 27)
Videos	View videos stored in the internal memory or on an external memory device and change options (p. 24)
Clock	View the current time and date (p. 13)
Mini Monitor	Use the frame as a supplementary monitor for your PC (p. 39)
Settings	Customize settings (p. 33)

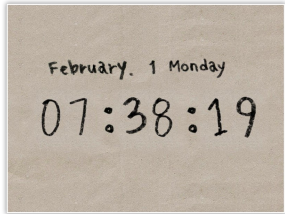
- You can set other functions to be activated instead of the Main menu when you turn the frame on (Startup Mode p. 36).
- Press  from the menu list to start a slide show.



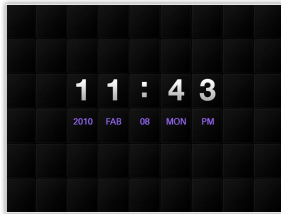
Get started

## View the time and date

Check the current time and date or customize clock settings.



▲ Clock 1



▲ Clock 2



▲ Clock 3











▲ Clock 4



▲ Clock & Calendar 1




▲ Clock & Calendar 2

- 1 From the Main menu screen, scroll to **Clock** and touch 
  - The current time and date will display.
- 2 Touch  and select **Settings**.
- 3 Scroll to **Clock** and touch .
- 4 Scroll to one of the following options and touch 
  - For **Clock Set**, touch  or  to select the option you want and touch  or  to set the value.

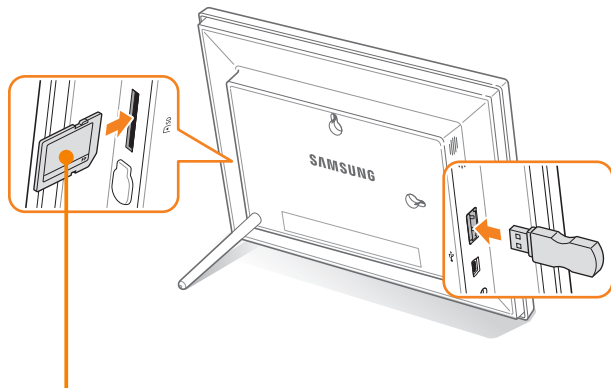
Option	Description
Clock Set	Set the current time and date
Date Format	Select how dates display (YYYY.MM.DD, MM.DD.YYYY, DD.MM.YYYY)
Time Format	Select how time displays (12 Hours, 24 Hours)
Clock Type	Select the clock type (Clock 1~4, Clock & Calendar 1~2)



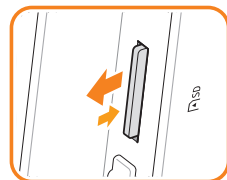
You can also change the clock type by pressing  button on the remote control.

## Connect external memory devices

You can connect USB memory devices or SD memory cards to the frame. The frame supports FAT16 and FAT32 file format systems for external memory devices.



Insert an SD memory card with the metal contacts facing toward the frame. Push the card in until it locks in place.



To remove the SD memory card, push it gently until it disengages from the frame.

- Some USB memory devices may not be compatible with the frame due to their size and shape.
- If you connect an external memory device while the power is on, a pop-up window will appear. To start a slideshow of photos stored in the external memory device, select **Slideshow**.
- Maximum capacities of memory cards\*\*

SD	Up to 2 GB
microSD*	Up to 2 GB
miniSD*	Up to 2 GB
SDHC	Up to 32 GB
microSDHC*	Up to 8 GB
miniSDHC*	Up to 4 GB
USB	Up to 32 GB

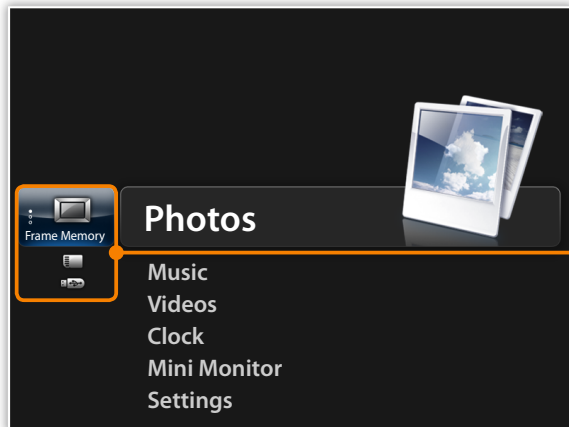
\* An adapter is required to use a micro or mini type SD card.


\*\* The capacity of an external memory device may differ depending on the manufacturers as it is based on the test result of SAMSUNG when the device is released.





## Select a memory location

When there is an external memory device (SD memory card or USB memory device) connected, you can select the source of files.



- 1 From the Main menu screen, scroll to the memory location list.
- 2 Scroll to one of the following memory locations and touch .

Memory location	Description
Frame Memory	Internal memory
SD Card	SD memory card (external)
USB	USB memory device (external)

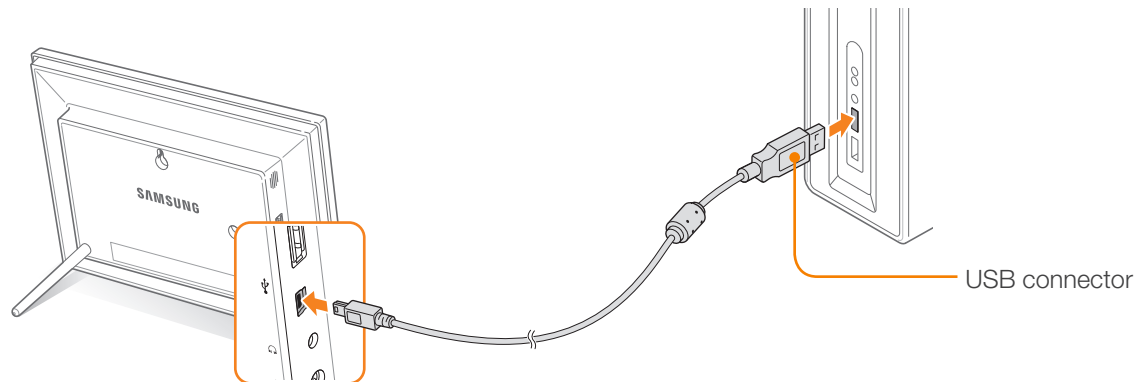
 You can also change the memory location while browsing photos, music files or videos, by touching  and selecting **Select Storage Device** (p. 30).



Get started

## Connect to a PC

You can transfer files (p. 17) or use the frame as a mini-monitor by connecting it to a PC (p. 39).  
Connect the smaller end of the USB cable to the frame and the larger end to the USB port of a PC.





## Transfer files from a PC



- Some files are embedded on the frame by default. When there is not enough memory, delete these stock files.
- If your photos are large, they will consume more memory and the preview will play slowly. Change the photo resolution to 800 X 600 (for '800W') or 1024 X 768 (for '1000W'). Or set the frame to copy and automatically resize your photos (Frame Memory Copy p. 36).

### To transfer files from a PC

- 1 Connect the frame to a PC with the supplied USB cable (p. 16).
  - When the frame is turned off, connect it to the PC first, and then turn it on.
- 2 Select **Mass Storage**.
  - When connected, '**Mass Storage**' will appear on the screen and a pop-up window will appear on the PC.
  - If you connect the frame to a PC while using it as a mini-monitor (p. 39), you need to switch to Mass Storage mode by using the Frame Manager program. For more information, refer to the Frame Manager program's User Manual.
  - The removable disk drive will appear as '**800W**' or '**1000W**' on the PC. Open the drive for the corresponding model in My Computer and copy your photos.



Get started

## Transfer files from a PC (continued)

### To disconnect the frame from a PC

Make sure to end the connection properly to prevent damage to the frame or your data.

1 Click  on the Windows Taskbar.



2 Click the pop-up message.



3 Disconnect the USB cable only when the message says that it is safe to remove the hardware.



- Do not disconnect the USB cable while the files are being copied, as this could result in loss of data or damage to the frame.
- The connection will not end if you have frame files open on the PC. Close all frame files and try again.



# Play multimedia

## Play a slideshow









1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).

2 Scroll to **Photos** and touch .

3 Scroll to a file and touch  or  to play a slideshow.

 To play a slideshow with specific photos, touch  and select **Select Multiple Files** (p. 30).

4 Control playback using the following buttons:

Touch buttons	Description
	Access the slideshow menu
	Adjust the volume of the background music
	View the previous or next photo
	Pause or resume the slideshow
	Return to the previous level
	Change the view mode



Play multimedia

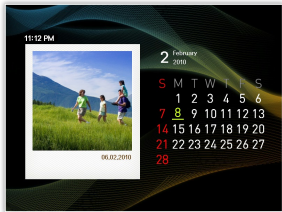
## Play a slideshow (continued)



▲ Photo Only



▲ Photo & Clock



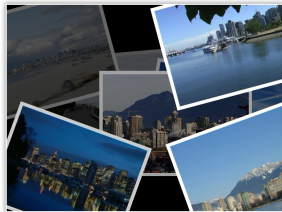
▲ Photo & Calendar



▲ Multiview 1




▲ Multiview 2




▲ Multiview 3

### Change the view mode

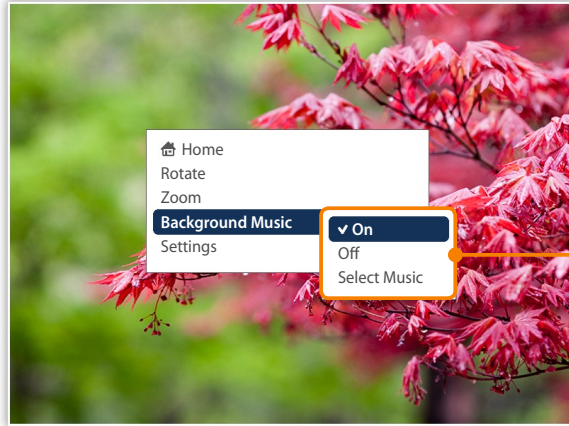
Display a clock or calendar during a slideshow or multiple photos on one screen during a slideshow.

Touch  repeatedly during a slideshow to change the view mode.

- Each time you touch , the view mode changes (**Photo Only** → **Photo & Clock** → **Photo & Calendar** → **Multiview 1** → **Multiview 2** → **Multiview 3**).





- Set the current time and date before displaying the clock or calendar (p. 33).
- You can view the previous or next photo by touching **<** or **>** during a slide show.
- With **Multiview 1~3**, the displayed photos on the screen will all change at once when you change the view mode.












### Use slideshow menus

Control a slideshow and adjust the slideshow settings.

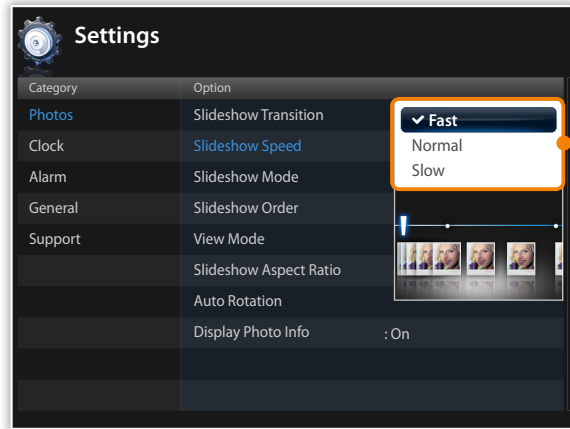
- 1 Touch  during a slideshow.
- 2 Scroll to one of the following menus and touch .

Option	Description
Home	View the main menu
Rotate	Rotate a photo ( <b>Original</b> , 90°, -90°, 180°)
Zoom	Enlarge in a photo ( <b>x1</b> , <b>x2</b> , <b>x4</b> )
Background Music	Turn the background music on or off
Settings	Access the <b>Settings</b> menu (p. 22)

-  You can rotate or zoom a photo only in **Photo Only** and **Photo & Clock** modes.
- When you zoom a photo, you can move around the photo by touching , , , or . To exit the zoom mode, touch .
- Select the background music to enjoy music and photos same time.
- All music files inside the selected music folder will play automatically when you select the slideshow.



- 3 When you are finished, touch .
- When you touch  in the **Settings** menu, the Main menu appears. To play the slideshow, touch .





### Select slideshow effects

Adjust the transition effect, speed, play mode, or order of photos for a slideshow.

- 1 Touch  during a slideshow.
- 2 Select **Settings**.
- 3 Scroll to **Photos** and touch .

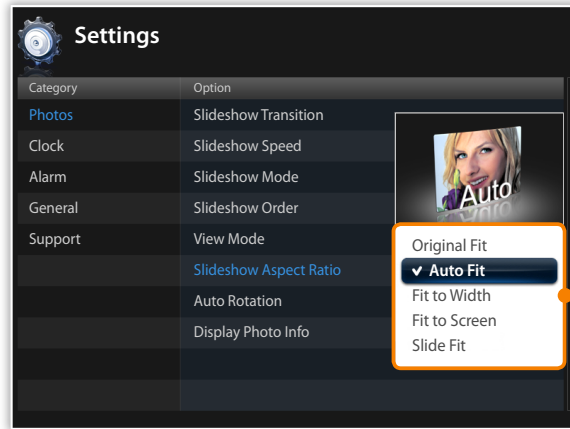


You can also select slideshow effects by accessing **Photos** in **Settings**.

- 4 Scroll to one of the following options and touch .

Option	Description
Slideshow Transition	Select a transition effect ( <b>No Effect, Fade, Blinds, Cross Comb, Checkerboard, Slide, Wipe, Silk, Wheel, Circle, Box In/Out, Diamond, Plus, Uncover, Push, Stairs, Random</b> )
Slideshow Speed	Select a slideshow speed ( <b>Fast, Normal, Slow</b> )
Slideshow Mode	<ul style="list-style-type: none"> <li>• <b>All photos:</b> Play all photos in the order of file names</li> <li>• <b>Photos in folder:</b> Play all photos in the selected folder in the order of file names</li> <li>• <b>One photo:</b> Repeat the selected photo</li> </ul>
Slideshow Order	<ul style="list-style-type: none"> <li>• <b>Normal:</b> Play photos in the order of file names</li> <li>• <b>Shuffle:</b> Play photos in a random order</li> </ul>
View Mode	Change the view mode (p. 20)



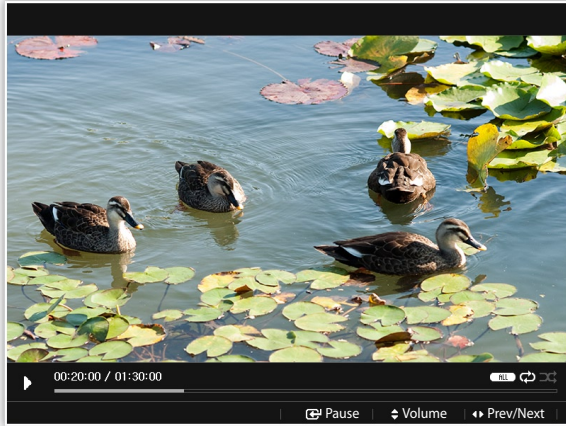


Option	Description
Slideshow Aspect Ratio	<ul style="list-style-type: none"> <li>• <b>Original Fit:</b> Display photos in the original size. When a photo is larger than the screen, it will be adjusted to fit the screen in the same ratio</li> <li>• <b>Auto Fit:</b> Resize photos to fit the screen in the same ratio (some parts of the photo may not appear)</li> <li>• <b>Fit to Width:</b> Resize photos to fit the screen width</li> <li>• <b>Fit to Screen:</b> Resize photos to fill the screen</li> <li>• <b>Slide Fit*:</b> Resize photos to fit the longest edge to the screen. The frame will automatically scroll through the remainder of the photos from left to right or top to bottom (for example, panorama or portrait photos)</li> </ul>
Auto Rotation	Automatically rotate photos to fit the screen during a slideshow (for example, a panorama photo will shrink in width to fit the screen in portrait view)
Display Photo Info	Set the slideshow to display details of each photo

\* In **Slide Fit** mode, if you attempt to view photos with resolutions below 184 ppi, over 2600 pixels in width, or 2000 pixels in height, they may appear distorted.



5 Touch  to play the slideshow.






# Play videos





## Optimal video resolution or codec

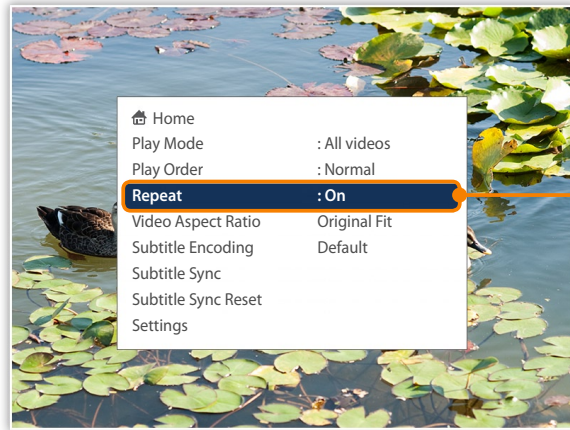
Video	Codec	MPEG4 (*.avi)
	Bit rate	2000 Kbps
	Resolution	<ul style="list-style-type: none"> <li>• <b>800W</b> : 720 X 540</li> <li>• <b>1000W</b> : 720 X 540</li> </ul>
	Frame rate	30fps, CBR
Audio	Codec	MP3 (MPEG1-layer3)
	Bit rate	320kbps
	Sample rate	48 KHz
	Channel	2
	A/V Sync	Basic

- 1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).
- 2 Scroll to **Videos** and touch .
- 3 Scroll to a file and touch  to play a video.
- 4 Control playback using the following buttons:



Touch button	Description
	Access the video menu
	Adjust the volume
	Skip backward or forward; Scan backward or forward in a file (touch and hold)
	Pause or resume the playback
	Return to the previous level


-  If the frame is not in use for some time while pausing a video, the screensaver will appear. To return to the video player screen, touch any button except for .



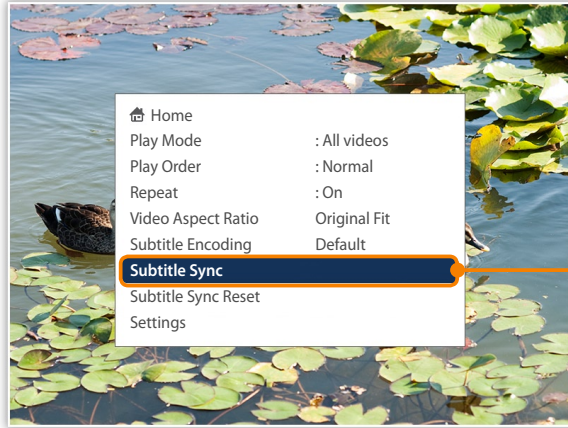


### Use video menus

- 1 Touch  during playback.
- 2 Scroll to one of the following options and touch .

Option	Description
Home	View the main menu
Play Mode	<ul style="list-style-type: none"> <li>• <b>All videos:</b> Play all videos in file name order</li> <li>• <b>Videos in folder:</b> Play all videos in the selected folder in file name order</li> <li>• <b>One video:</b> Repeat the selected video</li> </ul>
Play Order	<ul style="list-style-type: none"> <li>• <b>Normal:</b> Play videos in file name order</li> <li>• <b>Shuffle:</b> Play videos in random order</li> </ul>
Repeat	Set to play repeatedly
Video Aspect Ratio	<ul style="list-style-type: none"> <li>• <b>Original Fit:</b> Display photos in the original size. When a photo is larger than the screen, it will be adjusted to fit the screen in the same ratio</li> <li>• <b>Fit to Width:</b> Resize photos to fit the screen width</li> <li>• <b>Fit to Screen:</b> Resize photos to fit the screen</li> </ul>
Subtitle Encoding*	<p>Select an encoding option</p> <ul style="list-style-type: none"> <li>• <b>Default:</b> Encodes subtitles in the same language as set on the General Settings of the frame.</li> <li>• <b>Various Languages:</b> Encodes subtitles in the designated language of a file</li> <li>• <b>UTF-8:</b> Encodes subtitles in Unicode format (UTF-8)</li> </ul> <p> • If a subtitles file supports more than one language, the frame will display only the first language listed.</p> <ul style="list-style-type: none"> <li>• The subtitle may not display properly if the language setting is incorrect.</li> </ul>





Option	Description
Subtitle Sync*	<p>Set a sync rate of the subtitles</p> <ul style="list-style-type: none"> <li>• <b>Select:</b> Save selected sync rate (The selected sync rate will apply to other videos. Please reset the sync rate by selecting the Subtitle Sync Reset before playing another video)</li> <li>• <b>Back:</b> Return to the video menu</li> <li>• <b>Volume:</b> Adjust the volume level</li> <li>• <b>±0.5 sec:</b> Adjust the sync rate</li> </ul>
Subtitle Sync Reset *	Reset the sync rate to the default
Settings	Access the <b>Settings</b> menu

\* This menu only appears when a subtitles file is available.

The name of subtitles file and the video file should be identical, and the frame only supports \*.smi or \*.srt file format. The frame supports up to 18 font size.

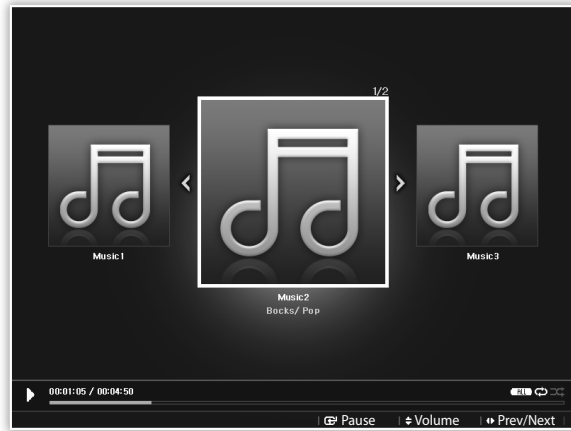
A defected subtitle file could cause problems on the playing video.



The sync rate also resets when you restart the frame.






### 3 When you are finished, touch ↻.



- When you touch ↻ in the **Settings** menu, the Main menu appears. To play the video, refer to steps 1~3 in "Play videos."

# Play music

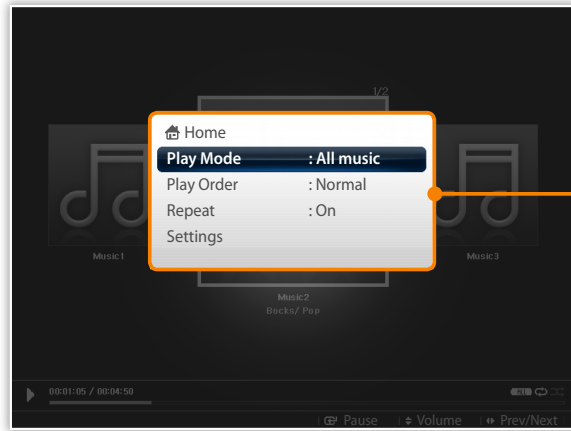


- 1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).
- 2 Scroll to **Music** and touch .
- 3 Scroll to a file and touch  to play music.
- 4 Control playback using the following buttons:



Touch button	Description
	Access the music menu
	Adjust the volume
	Skip backward or forward; Scan backward or forward in a file (touch and hold)
	Pause or resume the playback
	Return to the previous level

-  • If the frame is not in use for some time while not playing music, a clock will appear as a screensaver. To return to the music player screen, touch any button except for .
- When you play music files encoded in a variable bit rate (VBR), the playback time shown on the screen may differ from the actual playback time.
- Select the background music on the slideshow mode to enjoy music and photos same time.







### Use music menus

- 1 Touch  during playback.
- 2 Scroll to one of the following options and touch .

Option	Description
Home	View the main menu
Play Mode	<ul style="list-style-type: none"> <li>• <b>All music:</b> Play all music files in file name order</li> <li>• <b>Music in folder:</b> Play all music files in the selected folder in file name order</li> <li>• <b>One music:</b> Repeat the selected music file</li> </ul>
Play Order	<ul style="list-style-type: none"> <li>• <b>Normal:</b> Play music files in file name order</li> <li>• <b>Shuffle:</b> Play music files in random order</li> </ul>
Repeat	Set to play repeatedly
Settings	Access the <b>Settings</b> menu

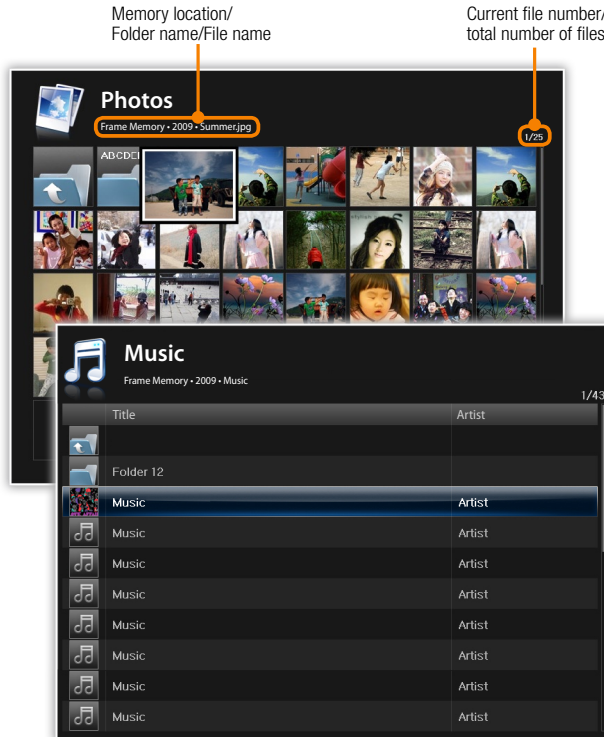
- 3 When you are finished, touch .
  - When you touch  in the **Settings** menu, the Main menu appears. To play the music, refer to steps 1~3 in “Play music.”










# Browse and manage multimedia

## Browse files

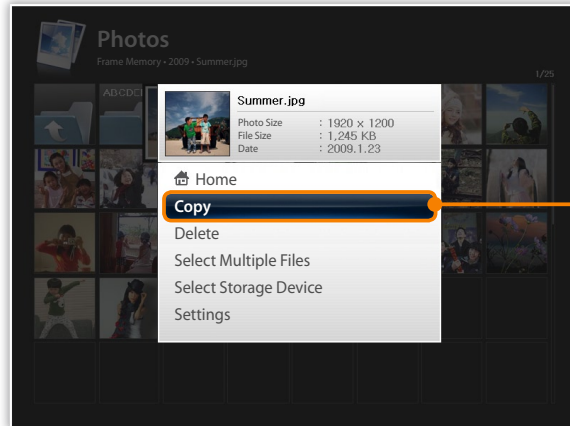
Access the **Photos**, **Videos**, or **Music** menus and browse files.



- 1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).
  - 2 Scroll to **Photos**, **Videos**, or **Music** and touch .
  - 3 Touch , , , or  to browse files.
    - To view files in a folder, scroll to the folder and touch .
-  If the frame is not in use for some time, the screensaver will appear. On the music and video play mode, only Clock mode appears as a screensaver. To wake up the frame, touch any buttons except the power (refer to Screensaver settings → p. 37).

## Manage files

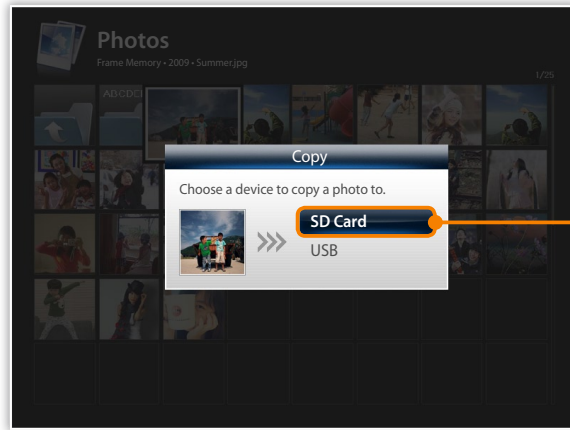
Copy or delete files stored in internal memory or external memory devices.



1 While browsing files, touch .

2 Scroll to one of the following options and touch .




Option	Description
Home	View the main menu
Copy	Copy the selected folder or file to another memory location (p. 31)
Delete	Delete the selected folder or file (p. 32)
Select Multiple Files	Select multiple files to view as a slideshow, copy, or delete
Select Storage Device	Change the memory location (p. 15)
Settings	Access the <b>Settings</b> menu (p. 33)

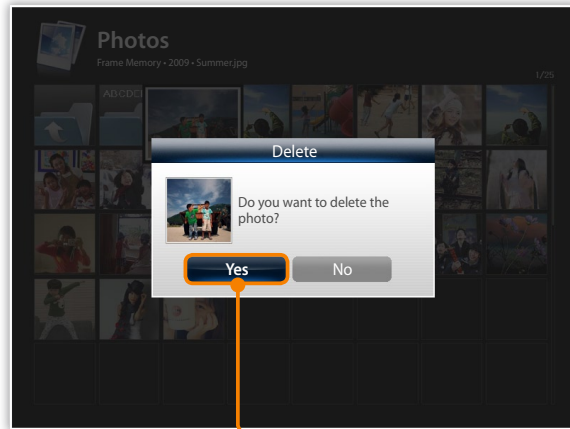


- Photos copied to the frame will maintain their original size. To copy the photos in optimal sizes, from the Main menu screen, select **Settings** → **General** → **Frame Memory Copy** → **Resized** (p. 36).
- If you copy high resolution photos using the **Resized** option, the photos will be resized to the lower resolution and result in smaller sizes. This will allow you to store more photos on the frame.




## Copy files

Connect an external memory device (SD memory card or USB memory device) to the frame and copy files from the external memory device to the frame or vice versa.

- 1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).
- 2 Scroll to **Photos**, **Videos**, or **Music** and touch .
- 3 Scroll to the file you want to copy and touch 
  - To copy all files in the selected folder, select the folder.
- 4 Scroll to **Copy** and touch 
  - To copy multiple files, select **Select Multiple Files**.
- 5 Select a destination for the files.
  - The selected files will be copied.



### Delete files

- 1 From the Main menu screen, select a memory location (**Frame Memory**, **SD Card**, or **USB**).
- 2 Scroll to **Photos**, **Videos**, or **Music** and touch .
- 3 Scroll to the file you want to delete and touch 
  - To delete all files in the selected folder, select the folder.
- 4 Scroll to **Delete** and touch 
  - To delete multiple files, select **Select Multiple Files**.
- 5 Select **Yes** to confirm.
  - The selected file will be deleted.

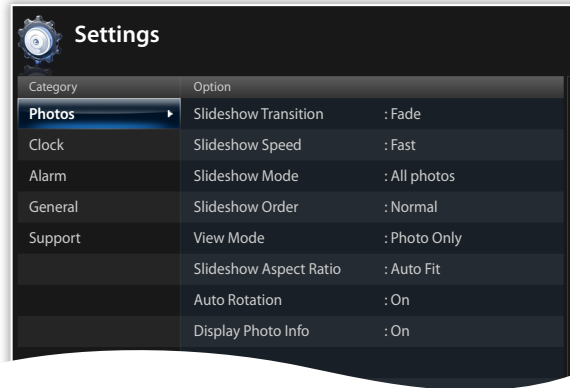






# Customize settings

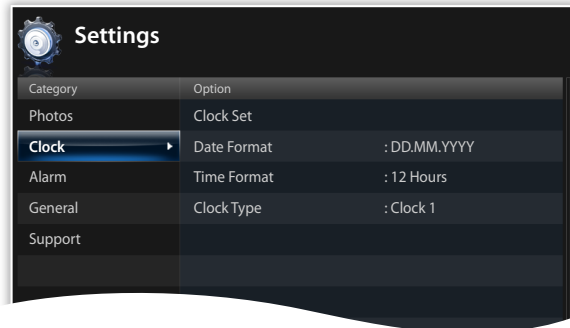
Define frame settings according to your preferences.



## Adjust slideshow effects



- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **Photos** and touch .
- 3 Select and adjust slideshow effects (p. 22).

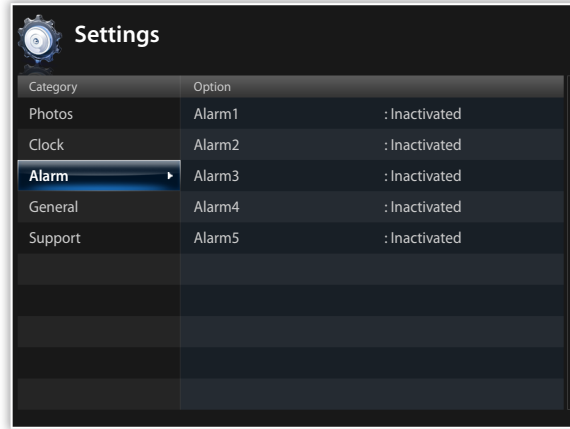
## Set the time and date










- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **Clock** and touch .
- 3 Set the time and date and customize the clock settings (p. 13).

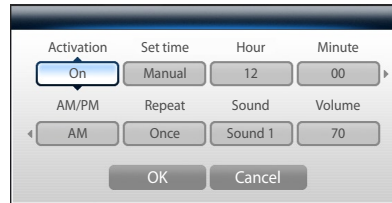
## Set and use alarms



Set and control alarms for important events.

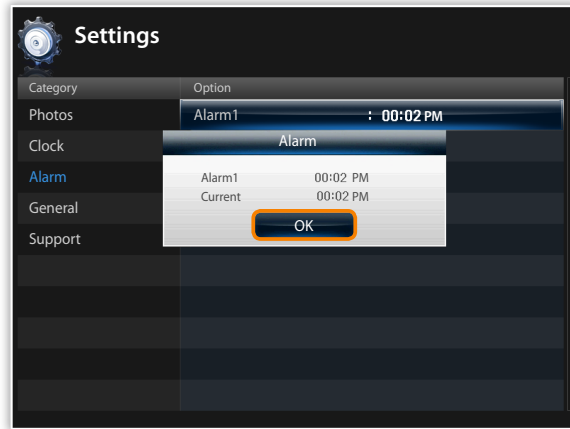


### Set a new alarm


- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **Alarm** and touch .
- 3 Scroll to an inactivated alarm and touch .
- 4 Touch , , , or  to set alarm details.







- 5 When you are finished, select **OK**.
    -  will appear at the top right corner of the screen.
-  You can only have an alarm for a specified time. Duplicate alarms will be ignored.



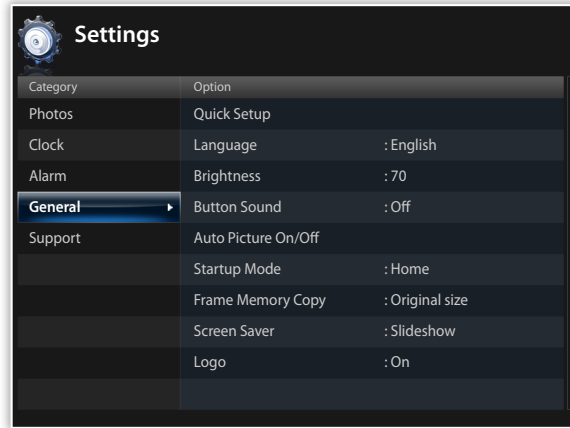
### Stop an alarm




When the alarm sounds, touch any button except for  to stop the alarm. If you do not stop the alarm, it will sound for 1 minute.




### Deactivate an alarm

- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **Alarm** and touch .
- 3 Scroll to the alarm you want to deactivate and touch .
- 4 Scroll to **Off** and select .

# Customize general settings

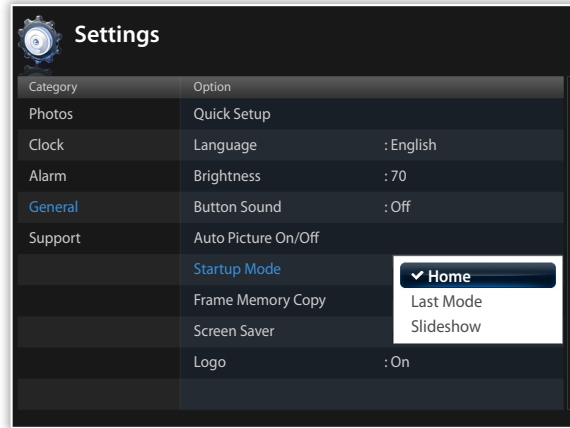


- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **General** and touch .
- 3 Scroll to one of the following options and touch .

Option	Description
Quick Setup	Set up basic settings, including the language for your frame (p. 11)
Language	Select a language to display
Brightness	Adjust the brightness of the screen
Button Sound	Set the button sound
Auto Picture On/Off	<p>Set the time for the screen to turn on or off automatically (for example, you can set the screen to turn off when you go to sleep or turn on when you wake up in the morning)</p> <ul style="list-style-type: none"> <li> • When you set this options and the screen is off, touch any button except for  to turn it back on again.</li> <li>• If you turn off the frame by pressing , the frame will not turn on automatically. The Auto Picture only works when the frame is turned off scheduled.</li> </ul>



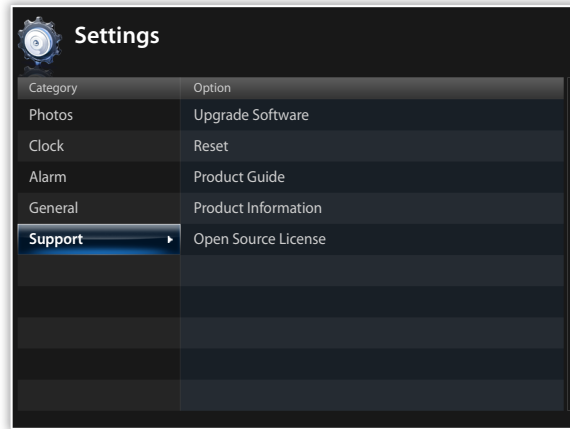
Customize general settings (continued)






Option	Description
Startup Mode	Select a mode to activate when the frame turns on <ul style="list-style-type: none"> <li>• <b>Home:</b> Start with the Main menu</li> <li>• <b>Last Mode:</b> Start with the mode you used last</li> <li>• <b>Slideshow:</b> Start with a slideshow</li> </ul>
Frame Memory Copy	<ul style="list-style-type: none"> <li>• <b>Original size:</b> Copy photos in their original size</li> <li>• <b>Resized:</b> Copy photos in reduced sizes for optimal resolution on the screen</li> </ul>
Screen Saver	Select a screensaver ( <b>Slideshow</b> or <b>Clock</b> ) <ul style="list-style-type: none"> <li>• On the music and video play mode, only Clock mode appears as a screensaver.</li> </ul>
Logo	Set the backlight of Samsung logo to on or off (The backlight will not turn on in portrait view)



## Update or reset the frame



- 1 From the Main menu screen, scroll to **Settings** and touch .
- 2 Scroll to **Support** and touch .
- 3 Scroll to one of the following options and touch .

Option	Description
Upgrade Software	Update the frame with the latest firmware (p. 40)
Reset	Reset all settings and options to their factory defaults (except for the time and language settings)
Product Guide	View basic instructions for using your frame
Product Information	View product information, such as model name, firmware version, memory usage, or copyright
Open Source License	View Open Source License information

# Appendix

## Use as a PC mini-monitor



You can use the frame as a mini-monitor (supplementary monitor) for a PC. Install the Frame Manager program on your PC and connect the frame to the PC with the USB cable. For more information, visit the Samsung Electronics webpage (<http://www.samsung.com>) and search for “800W” or “1000W”.



### System requirements for using the frame as a mini-monitor

- OS: Windows XP (SP2/SP3), Vista (32bit/64bit)
- USB: Extended Host Controller (EHCT) for USB 2.0
- RAM: 512 MB or more
- CPU: 2.4 GHz or more

### Before use

- Read the Frame Manager User Manual to install the program properly.
- Use the USB cable provided with the frame.
- Do not use the frame as a primary monitor. The screen may not work properly.
- Touch  or  to adjust the brightness when you use the frame as a mini-monitor.
- The display blinks when there is not enough available memory.
- If you have moved a program icon or window to the secondary monitor, move it back to the primary monitor after use.
- The frame may not function properly with some video cards. In this case, try setting the hardware acceleration to **None**.

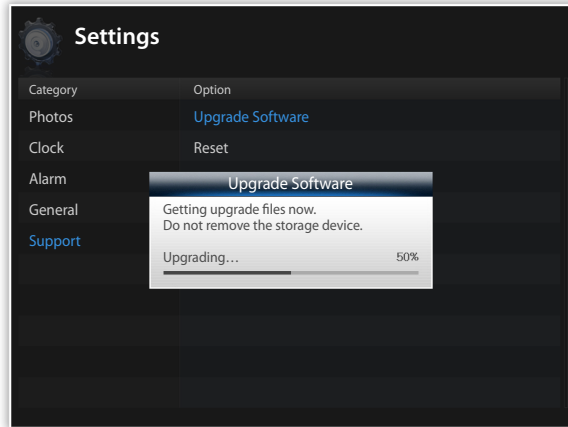
### To set the hardware acceleration to None (for Windows XP),


1. Right-click on the Windows desktop, and select **Properties**.
2. When the Display Properties window appears, select **Settings** → **Advanced** → **Troubleshoot** → **Hardware acceleration** and drag the indicator to **None**.





- For Windows Vista, the Aero 3D effect may not function while using the frame as a mini-monitor and some videos may not play.
- The frame does not function as a Windows Presentation Foundation application.
- If you encounter a problem after the installation, uninstall the program. After uninstallation, reboot the computer and reinstall the program. The frame must stay disconnected during the installation.

# Upgrade Firmware

Download and install the latest firmware from the Samsung Electronics web page (<http://www.samsung.com>).



- 
 • Back up your files (photos, videos, or music) before upgrading the firmware to prevent losing them.
- While the upgrading is in progress,
  - Do not disconnect the external device (SD memory card or USB memory device) from the frame.
  - Do not touch any buttons.
  - Do not insert any other memory cards.
  - Do not turn the frame off .
- You can verify that the firmware is upgraded to the latest version by accessing **Product Information** in **Settings** → **Upgrade Software**.

- 1 Connect the external memory device (SD memory card or USB memory device) to the PC (p. 14).
- 2 Copy the latest firmware you have downloaded to the external memory device.
  - Copy the firmware to the root folder on the memory device.
- 3 Disconnect the external memory device from the PC, and then connect it to the frame.
- 4 From the Main menu screen, scroll to **Settings** and touch .
- 5 Scroll to **Support** and touch .
- 6 Scroll to **Upgrade Software** and touch .
- 7 Select the external memory device and touch .
  - The firmware will be upgraded.
- 8 When the upgrade is complete, the frame will restart automatically.
  - Remove the external memory device.



# Troubleshooting

Try the following if you have trouble using the frame.

Issue	Resolution
The frame will not turn on.	Verify that the power cable is connected properly.
When connecting the frame to a PC with the USB connector, the screen blinks and the frame turns off automatically.	There may be a problem with the USB port of the PC.
There is light leaking along the border of the clock screen.	If the screen is black, there may be light showing through due to the characteristics of the LCD panel. This is normal.
The time setting is not correct.	When the power adapter is disconnected for a long period of time, the current time settings may be lost. Connect the power adapter at all times.
It takes time for a photo to display when the frame turns on or during a slideshow.	If the resolution of a photo is high or the file size is large, it may take longer to display.
Even though there is free space left on the internal memory, photos will not copy.	<ul style="list-style-type: none"> <li>• If the FAT section of the internal memory is damaged, photos may not copy there.</li> <li>• Make a folder inside the internal memory to copy photos.</li> </ul>
External devices (USB memory device or SD memory card) do not function properly.	<ul style="list-style-type: none"> <li>• Verify that the devices are connected properly.</li> <li>• Verify that the photos stored in the external memory devices are in JPEG format. Corrupted or damaged files will not display.</li> <li>• The device may not be supported by the frame. Try another device.</li> </ul>
JPEG photos do not play.	<ul style="list-style-type: none"> <li>• JPEG photos saved in CMYK modes will not display.</li> <li>• JPEG photos edited by image editors (e.g., Photoshop or Paintshop) may not display properly. Save photos in JPEG format after editing on a PC and play the slideshow again.</li> </ul>
Some photos will not display in a slideshow.	Your frame can read up to 10,000 photos. Photos exceeding this limit will not display in a slideshow.
The proportion of a photo is not correct.	From the Main menu screen, select <b>Settings</b> → <b>Photos</b> → <b>Slideshow Aspect Ratio</b> → <b>Original Fit</b> .
The preview plays slowly.	When there are many photos or large file sizes, the preview may be slow.



## Troubleshooting (continued)

Issue	Resolution
Even when there is only one photo on the memory card or <b>Slideshow Mode</b> is set to <b>One photo</b> , the slideshow effect is applied to the photo.	The effect is applied to protect the panel.
In what order are the photos displayed on a memory card?	The photos are arranged by file name, in the order of number – upper case letter – lower case letter.
The slideshow will not start automatically.	Verify that <b>Startup Mode</b> is set to <b>Slideshow</b> in <b>Settings</b> → <b>General</b> (p. 36).
I cannot play a video file.	<ul style="list-style-type: none"> <li>• Verify that the frame supports the video codec (p.41).</li> <li>• If the codec is not supported, convert it with a video codec converter (Optimal video resolution or codec → p. 44)</li> </ul>
I activated the <b>Auto Picture On/Off</b> feature, but the screen does not turn on automatically.	<ul style="list-style-type: none"> <li>• Verify that the current time is set correctly.</li> <li>• If you have touched <b>⏻</b> to turn the frame off when the <b>Auto Picture On/Off</b> feature is activated, the screen does not turn on automatically. The screen turns on automatically only when the screen was turned off automatically via the <b>Off Time</b> setting.</li> </ul>
I want to reset the frame.	Select <b>Reset</b> in <b>Settings</b> → <b>Support</b> to their factory default, but the time and language settings will not be reset.



# Specifications

## Digital frame

Model name		800W	1000W			
Panel	Type	8" TFT LCD	10" TFT LCD			
	Resolution	800 X 600	1024 X 768			
File formats	Photo	BMP JPEG (CMYK formats not supported) <ul style="list-style-type: none"> <li>• Supports a maximum resolution of 16,000 X 16,000</li> <li>• Supports a maximum ratio from 1:6 to 6:1</li> </ul>				
	Music	MP3 (Frequency: 8 - 48 Khz, Bit Rates : 8 - 320 Kbps)				
	Video	Video Codec	Format Combination		Capability	
		M-JPEG(*.MOV, *.AVI)	Container	Video	Audio	VGA(640 X 480), 30 Fps, 15000 Kbps
			MOV	JPEG	PCM	
			AVI	MJPEG	PCM	
		* PCM : PCM, ADPCM, ALAW, MULAW				
MPEG-1(*.MPG)		Container	Video	Audio	D1(720 X 480), 30 Fps, 2000 Kbps CBR	
	MPG	MPEG-1	MP2			
	* MP2 : MPEG-1 Layer II					
MPEG-4(*.AVI, *.MP4)	Container	Video	Audio	D1(720 X 540), 30 Fps, 2000 Kbps CBR		
	AVI	MPEG-4	MP3/PCM/AC-3			
	MP4	mp4v	AAC			
	* MPEG-4 : MPEG-4 ASP * AAC: AAC-LC					
Built-in memory		1GB				
USB		Host (USB 2.0) / Device (USB 2.0)				
Power	Rating	External DC 12V				
	Consumption	On: 10 W / Off: less than 1 W	On: 11 W / Off: less than 1 W			

## Specifications (continued)

General	Dimension (W x H x D)	<ul style="list-style-type: none"> <li>• With the frame stand : 8.9 X 6.9 X 4.6 inches (225.4 mm X 175.4 mm X 116.1 mm)</li> <li>• Without the frame stand : 8.9 X 6.9 X 1 inches (225.4 mm X 175.4 mm X 27.0 mm)</li> </ul>	<ul style="list-style-type: none"> <li>• With the frame stand : 10.5 X 8.5 X 4.6 inches (266.9 mm X 217.0 mm X 116.1 mm)</li> <li>• Without the frame stand : 10.5 X 8.5 X 1 inches (266.9 mm X 217.0 mm X 27.0 mm)</li> </ul>
	Weight	20.1 oz (570 g)	26.3 oz (745 g)

\* The design of the product may vary according to the model. Specifications are subject to change without notice.

\* This device is a class B digital apparatus.

## Optimal video resolution or codec

## Video options

Codec	MPEG4 (*.avi)
Bit rate	2000kbps
Resolution	800W(720x540), 1000W(720x540)
Frame Rate	30fps, CBR

## Audio options

Codec	MP3 (MPEG1-layer3)
Bit Rate	320kbps
Sample Rate	48kHz
Channel	2
A/V Sync	Basic

\* Above explained video codec is based on AVI Movie file.

\* Above values are based on AVC(Any Video Converter), and the values may differ in other video converters.

## Correct disposal of the frame

Dispose of the product according to local regulations and applicable laws.

# Contact information of Samsung Worldwide

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

Region		Contact Center	Web Site	
North America	CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com	
	MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com	
	U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com	
Latin America	ARGENTINE	0800-333-3733	www.samsung.com	
	BRAZIL	0800-124-421 4004-0000	www.samsung.com	
	CHILE	800-SAMSUNG (726-7864)	www.samsung.com	
	COLOMBIA	01-8000112112	www.samsung.com	
	COSTA RICA	0-800-507-7267	www.samsung.com	
	ECUADOR	1-800-10-7267	www.samsung.com	
	EL SALVADOR	800-6225	www.samsung.com	
	GUATEMALA	1-800-299-0013	www.samsung.com	
	HONDURAS	800-7919267	www.samsung.com	
	JAMAICA	1-800-234-7267	www.samsung.com	
	NICARAGUA	00-1800-5077267	www.samsung.com	
	PANAMA	800-7267	www.samsung.com	
	PUERTO RICO	1-800-682-3180	www.samsung.com	
	REP. DOMINICA	1-800-751-2676	www.samsung.com	
	TRINIDAD & TOBAGO	1-800-SAMSUNG (726-7864)	www.samsung.com	
	VENEZUELA	0-800-100-5303	www.samsung.com	
	Europe	AUSTRIA	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
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