Register your product and get support at
www.philips.com/welcome

PhotoFrame

SPF1307

SPF1327

EN User manual

PHILIPS

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Need help?

Please visit www.philips.com/welcome where you can access a full set of supporting materials such as user manual, the latest software updates and answers to frequently asked questions.

English

1 Important

Safety

Safety precautions and maintenance

- Never touch, push, rub or strike the screen with hard objects as this may damage the screen permanently.
- When the product is not used for long periods, unplug it.
- Before you clean the screen, turn off and unplug the power cord. Only clean the screen with a soft, water-damp cloth. Never use substances such as alcohol, chemicals or household cleaners to clean the product.
- Never place the product near naked flames or other heat sources, including direct sunlight.
- Never expose the product to rain or water. Never place liquid containers, such as vases, near the product.
- Never drop the product. When you drop the product, it will be damaged.
- Ensure that you install and use services or software only from trustworthy sources free of virus or harmful software.
- This product is designed for indoor use only.
- Only use the supplied power adaptor for the product.

Notice

CE

This product is in compliance with the essential requirements and other relevant provisions of Directives 2006/95/EC (Low Voltage), 2004/108/EC (EMC).

Respect copyrights

Be responsible
Respect copyrights

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

End of life disposal

- Your new product contains materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount to be disposed of.
- Please find out about the local regulations on how to dispose your old monitor from your local Philips dealer.
- (For customers in Canada and U.S.A.) Dispose the old product in accordance to local-state and federal regulations.

For additional information on recycling contact www.eia.org (Consumer Education Initiative).

Recycling Information for Customers

Philips establishes technically and economically viable objectives to optimize the environmental performance of the organization's product, service and activities.

From the planning, design and production stages, Philips emphasizes the importance of making products that can easily be recycled. At Philips, end-of-life management primarily entails participation in national take-back initiatives and recycling programs whenever possible, preferably in cooperation with competitors.

There is currently a system of recycling up and running in the European countries, such as The Netherlands, Belgium, Norway, Sweden and Denmark.

In U.S.A., Philips Consumer Lifestyle North America has contributed funds for the Electronic Industries Alliance (EIA) Electronics Recycling Project and state recycling initiatives for end-of-life electronics products from household sources. In addition, the Northeast Recycling Council (NERC) - a multi-state non-profit organization focused on promoting recycling market development - plans to implement a recycling program.
In Asia Pacific, Taiwan, the products can be taken back by Environment Protection Administration (EPA) to follow the IT product recycling management process, detail can be found in web site www.epa.gov.tw.

Environmental information

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

North Europe Information (Nordic Countries)

VARNING:
FÖRSÄKRA DIG OM ATT HUVUDBRYTARE OCH UTTAG ÄR LÄTÅTKOMLIGA, NÄR DU STÄLLER DIN UTRUSTNING PÅPLATS.
Placering/Ventilation
ADVARSEL:
SØRG VED PLACERINGEN FOR, AT NETLEDNINGENS STIK OG STIKKONTAKT ER NEMT TILGÆNGELIGE.
Paikka/Ilmankierto
VAROITUS:
SIJOITA LAITE SITEN, ETTÄ VERKKOJOHTO VOIDAAN TARVITTAESSA HELPOSTI IRROTTAA PISTORASIASTA.
Plassering/Ventilasjon
ADVARSEL:
NÅR DETTE UTSTYRET PLASSERES, MÅ DU PASSE PÅ AT KONTAKTENE FOR STØMTILFØRSEL ER LETTE Å NÅ.

Banned Substance Declaration

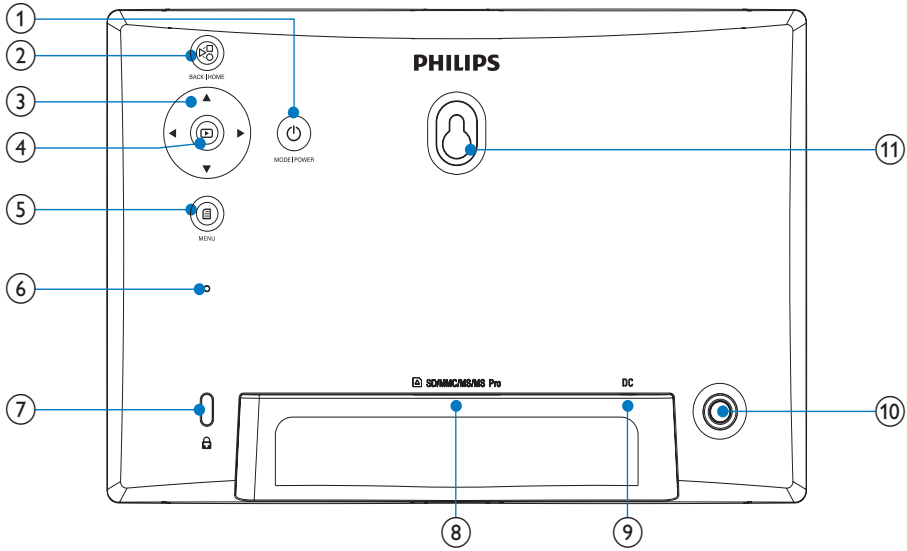
This product complies with RoHS.
Class II equipment symbol:

This symbol indicates that this product has a double insulation system.

2 Your PhotoFrame

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Overview of your PhotoFrame



1 ⏻
- Hold to turn on/off the PhotoFrame
- Press to switch mode: slideshow/ clock/calendar

2
- Press to go back
- Hold to go to the home screen

3 ▲/▼/◀/▶
- Press to select the upper/lower/right/ left option

4
- Press to play/pause slideshow
- Press to confirm a selection

5
- Press to enter/exit a menu

6 **Buzzer**

7 **Kensington lock**

8 **SD/MMC/MS/MS Pro**
- Slot for an SD/MMC/MS/MS Pro card

⑨ DC
- Socket for the AC-DC power adaptor

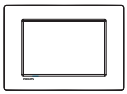
⑩ Stand hole

⑪ Wall mounting hole

Introduction

With Philips Digital PhotoFrame, you can display JPEG photos in high quality directly from your memories cards.

What's in the box



- Philips Digital PhotoFrame

- Stand

- AC-DC power adaptor

- CD-ROM, with digital user manual

- Quick start guide

3 Get started

Caution

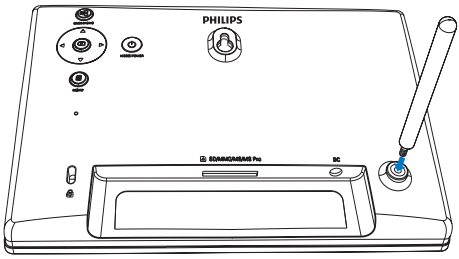
- Use the controls only as stated in this user manual.

Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

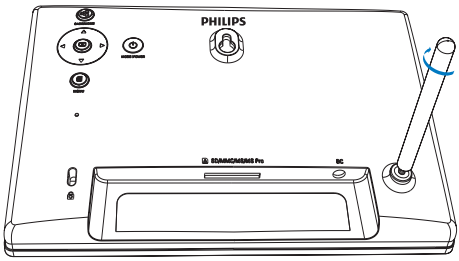
Install the stand

To place the PhotoFrame on a flat surface, attach the supplied stand to the back of the PhotoFrame.

1 Insert the stand into the PhotoFrame.



2 Screw the stand into the stand hole firmly.

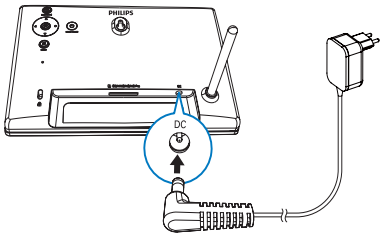


Connect power

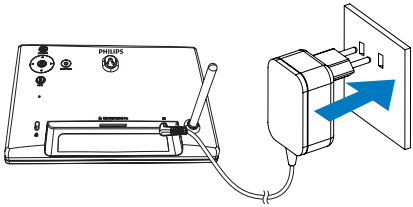
Note

- When you position the PhotoFrame, ensure that the power plug and outlet are easily accessible.

1 Connect the power cord to the **DC** socket of the PhotoFrame.



2 Connect the power cord to a power supply socket.



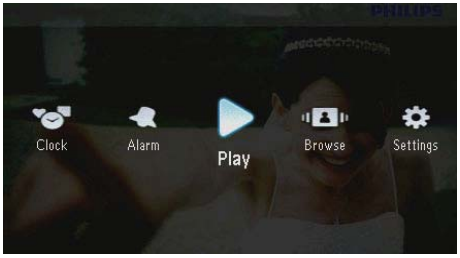
↳ A few seconds later, the PhotoFrame turns on automatically.

Turn on the PhotoFrame

Note

- When you connect the PhotoFrame to a power supply, the PhotoFrame turns on automatically.

1 When the PhotoFrame is turned off and connected to the power supply, you can hold ⏻ to turn on the PhotoFrame.
   ↳ A few seconds later, the home screen is displayed.



For the first time you turn on the PhotoFrame:

- The screen prompts you to select a language.

- Select a language, and then press ▷ to confirm.

- The screen prompts you to set time and date.

- Press ▲/▼/◀/▶ to set time and date, and then press ▷ to confirm.

Tip

- If the PhotoFrame is disconnected from the power supply for a long time, you need set time and date again after you turn on the PhotoFrame.

Turn off the PhotoFrame

Note

- You can only turn off the PhotoFrame after all copy and save actions are complete.

- To turn off the PhotoFrame, press and hold ⏻ for about 2 seconds.

Transfer photos

Caution

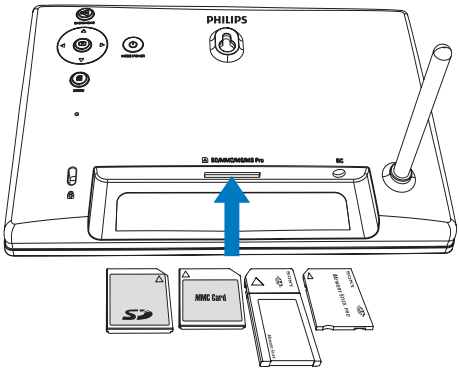
- Do not remove a storage device from the PhotoFrame when you are transferring photos from or to the storage device.

You can play JPEG photos on one of the following storage device that is connected to the PhotoFrame:

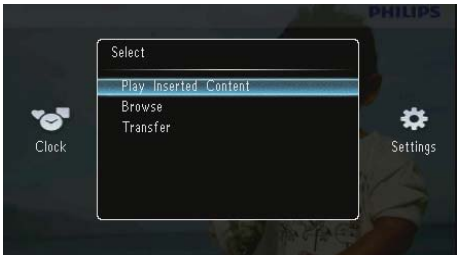
- Secure Digital (SD)
- Secure Digital High Capacity (SDHC)
- Multimedia Card (MMC)
- Multimedia Card Plus (MMC+)
- Memory Stick (MS)
- Memory Stick Pro (MS Pro, with adaptor)

However, we do not guarantee the operations for all types of storage device media.

1 Insert a storage device into the slot.



↳ An option menu is displayed.



[Play Inserted Content]: Play photos on the storage device

[Browse]: Browse photos on the storage device

[Transfer]: Transfer photos on the storage device to the PhotoFrame

2 Select **[Transfer]**, and then press ▷ to confirm.

↳ A confirmation message is displayed.

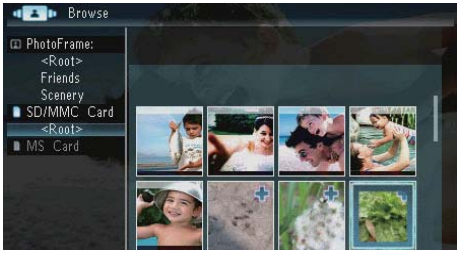
To select all photos:

1 Select **[Yes]**, and then press ▷ to confirm.

2 Select an album on the PhotoFrame to store the photos, and then press ▷ to confirm.

To select specific photos:

1 Select **[No]**, and then press ⊡ to confirm.
2 Select an album, and then press ⊡.
3 Press ▲ / ▼ / ◀ / ▶ and then press ⊡ to select/deselect a photo.

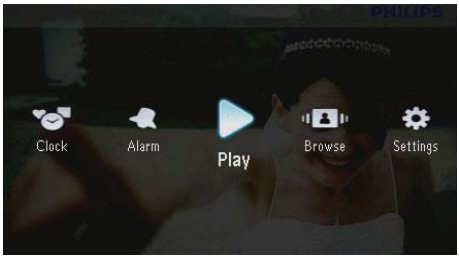


4 Press ⊡ to continue the transfer operation.
5 Select an album on the PhotoFrame to store the photos, and then press ⊡ to confirm.

- **To remove a storage device**, pull it out.

4 Display photos

1 In the home screen, select **[Play]** and then press ▶ to confirm.



↳ Photos are displayed in slideshow mode.

- During slideshow, press ◀/▶ to display the next/previous photo.
- Press ⏻ to switch modes, between slideshow mode, clock mode, and calendar mode.

Manage slideshow and photos

You can take the following steps to manage a photo in slideshow or the settings of slideshow:

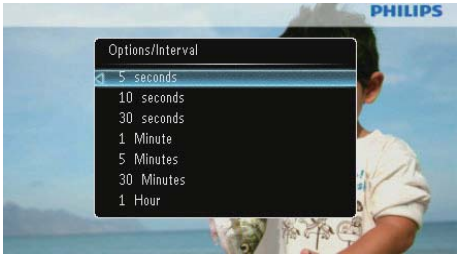
1 During slideshow, press ☰.
↳ An option menu is displayed.

2 Select an option, and then press ▶ to confirm.
- **[Interval]**: Select slideshow frequency
- **[Shuffle]**: Display photos randomly or not
- **[Rotate]**: Select an angle to rotate a photo
- **[Copy]**: Copy the photo to another album
- **[Delete]**: Delete the photo
- **[Color Tone]**: Select the color for the photo
- **[Clock and Calendar]**: Select a clock/calendar template or turn it off
- **[Zoom and Pan]**: Press ▲/▼ to zoom in/out a photo

- To exit the menu, press ☰ again.

Select slideshow frequency

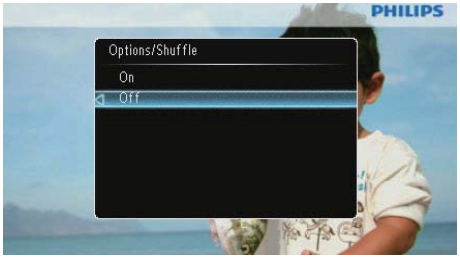
1 Select **[Interval]**, and then press OK.
2 Select an interval, and then press OK to confirm.



Select slideshow sequence

You can display the slideshow in sequence or randomly.

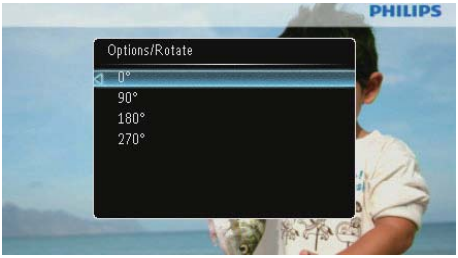
1 Select **[Shuffle]**, and then press OK.
2 Select an option, and then press OK to confirm.



- **[On]**: To play randomly
- **[Off]**: To play in sequence

Rotate a photo

1 Select **[Rotate]**, and then press OK.
2 Press ▲/▼ to select an orientation, and then press OK.



Copy a photo

Caution

- Never remove a storage device before the copy or deleting action completes.

1 Select **[Copy]**, and then press OK.
2 Select a device to save the photo, and then press OK.

3 Select an album to save the photo, and then press OK.

Tip

- When there is not enough memory to store more images, an error message is displayed.

Delete a photo

Caution

- Never remove a storage device before the copy or deleting action completes.

1 Select **[Delete]**, and then press OK.

2 Select **[Yes]**, and then press OK to confirm.

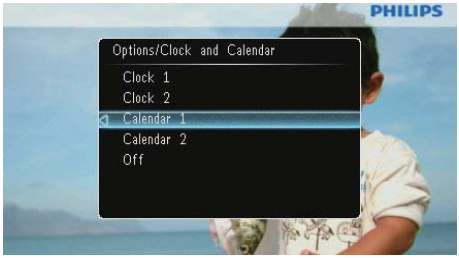
Select a photo effect

1 Select **[Color Tone]**, and then press OK.
2 Select an option, and then press OK.

Select clock/calendar

You can select a clock or calendar to be displayed in slideshow.

1 Select **[Clock and Calendar]**, and then press OK.
2 Select an option, and then press OK.



- To hide the clock or calendar, select **[Off]** and then press OK.

Zoom and pan a photo

1 Select **[Zoom and Pan]**, and then press OK.

2 Press ▲ to zoom in a photo, and then press OK.
- Press ▼ to zoom out a photo, and then press OK.

3 To pan the photo, press ▲/▼/◀/▶ .

- To resume slideshow mode, press ⧉ repeatedly.

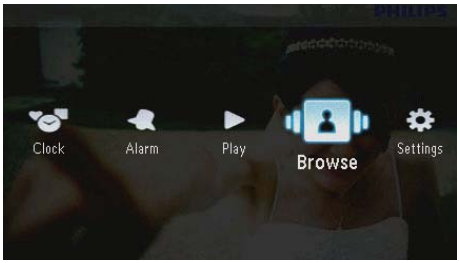
Tip

- Zoom and pan function is only applied to photos over 432 x 234 pixels.

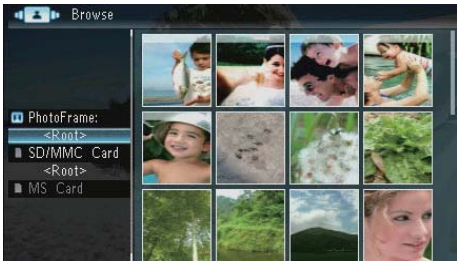
5 Browse

You can browse and manage albums and photos.

1 Select **[Browse]**, and then press OK.



↳ The album mode is displayed.



Album menu:

1 Select an album, and then press ☰.
↳ The album menu is displayed.

- **[Create New Album]**: If a folder on a memory card is selected, **[Create New Folder]** is displayed here, instead.
- **[Copy]**
- **[Move]**
- **[Delete]**
- **[Rename]**
- **[Group By]**
- **[Multiple-Select]**

Photo menu:

1 Select an album, and then press ◀.
2 Select a photo, and then press ☰.
↳ The photo menu is displayed.

- **[Copy]**
- **[Move]**
- **[Delete]**
- **[Rotate]**
- **[Color Tone]**
- **[Group By]**
- **[Multiple-Select]**

Create an album/folder

1 Select **[Create New Album]** / **[Create New Folder]**, and then press OK.

↳ A keypad is displayed.

2 To enter the name (up to 31 characters), select an alphabet/number and then press OK.
- To switch between uppercase and lowercase, select **[a/A]** on the displayed keypad and then press OK.

3 When the name is complete, select **[Enter]** and then press OK to confirm.

Rename an album

1 Select **[Rename]**, and then press OK.

↳ A keypad is displayed.

2 To enter the name (up to 31 characters), select an alphabet/number and then press OK.
- To switch between uppercase and lowercase, select **[a/A]** on the displayed keypad and then press OK.

3 When the name is complete, select **[Enter]** and then press OK to confirm.

Select multiple photos

You can select more than one photo to edit at a time.

1 Select **[Multiple-Select]**, and then press OK.

2 Press ▲/▼/◀/▶ and then OK to select/deselect photos.

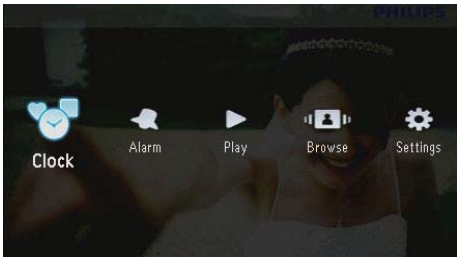
3 Press ☰.
↳ An option menus is displayed.

- [Copy]
- [Move]
- [Delete]
- [Rotate]
- [Play Slideshow]

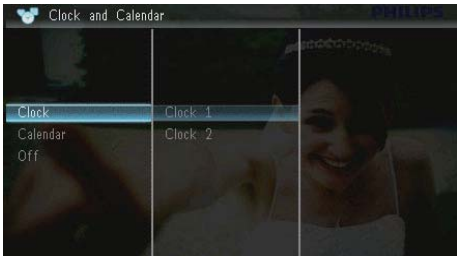
6 Clock and calendar

You can select a clock or calendar to be displayed in slideshow.

1 Select **[Clock]**, and then press OK.



2 Select **[Clock]** / **[Calendar]**, and then press OK.

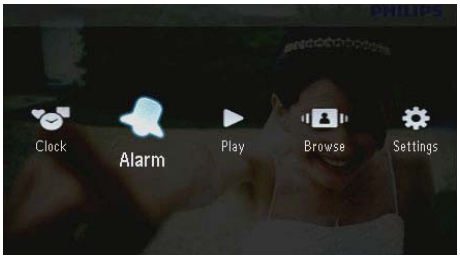


- To hide the clock or calendar, select **[Off]** and then press OK to confirm.

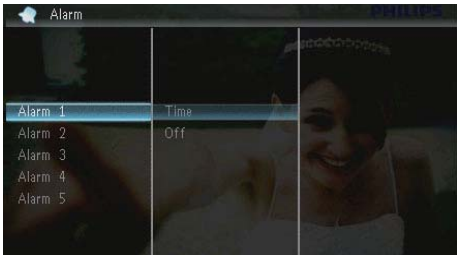
3 Select an option, and then press OK to confirm.

7 Alarm

1 Select **[Alarm]**, and then press OK.

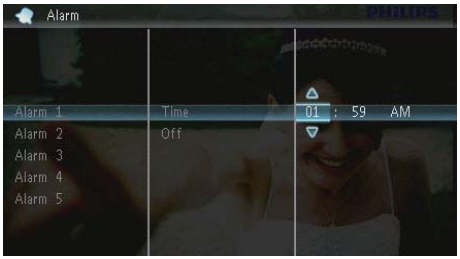


2 Select an alarm, and then press OK.



3 Select **[Time]**, and then press OK.
- To cancel the alarm, select **[Off]** and then press OK.

4 Press ▲/▼/◀/▶ to set time, and then press OK.

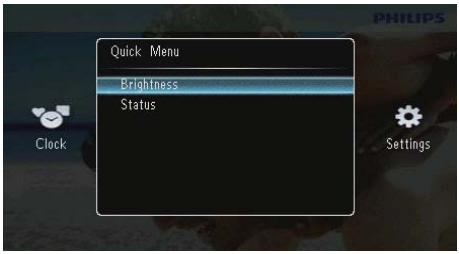


- When the alarm is ringing, press any key to stop it.

8 Quick menu

In the quick menu, you can adjust the brightness of the display and view the status of the PhotoFrame.

1 In the home screen, press .
↳ The quick menu is displayed.



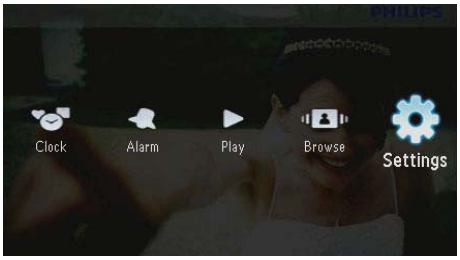
2 Select an option, and then press to confirm.
- **[Status]**: To view the information of the PhotoFrame
- **[Brightness]**: Press ▲/▼ to adjust the brightness, and then press .

- To exit the quick menu, press again.

9 Settings

Select an on-screen language

1 Select **[Settings]**, and then press OK.

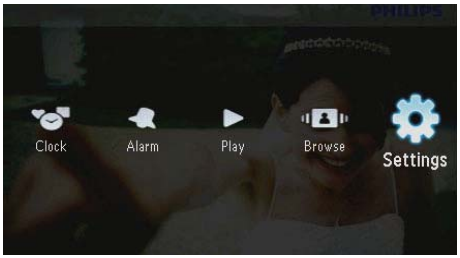


2 Select **[Languages]**, and then press OK.

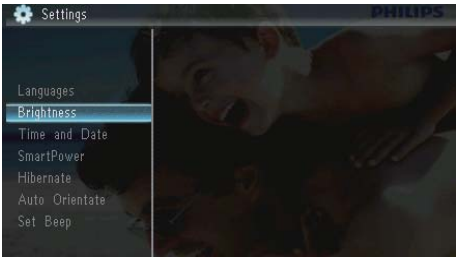
3 Select a language, and then press OK.

Adjust display brightness

1 Select **[Settings]**, and then press OK.



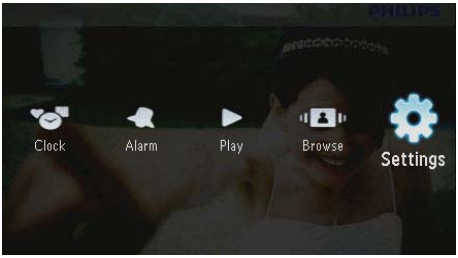
2 Select **[Brightness]**, and then press OK.



3 Press ▲/▼ to adjust brightness level, and then press OK.

Set time and date

1 Select **[Settings]**, and then press OK.



2 Select **[Time and Date]**, and then press OK.

3 Select **[Set Time]** / **[Set Date]** / **[Set Time Format]** / **[Set Date Format]**, and then press OK.

4 Press ▲/▼/◀/▶ to set time and date or select a format, and then press OK.

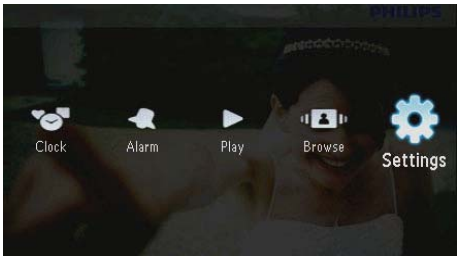
Set display auto on/off

With the SmartPower feature, you can configure the time for the PhotoFrame to turn on or off the display automatically.

Note

- Ensure that you set the current time and date of the PhotoFrame correctly before you set the auto on/off function.

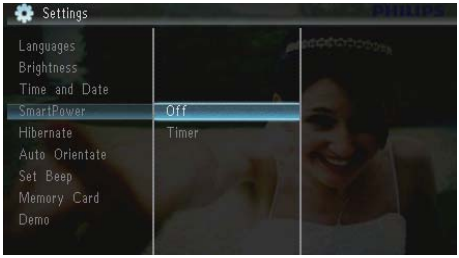
1 Select **[Settings]**, and then press OK.



2 Select **[SmartPower]**, and then press OK.

3 Select **[Timer]**, and then press OK.

- **To disable the auto on/off function**, select **[Off]** and then press OK.

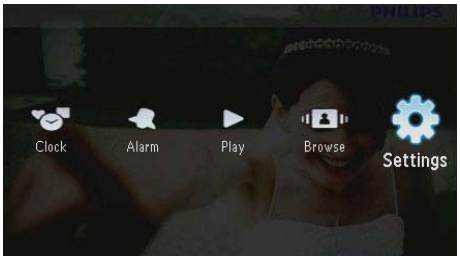


4 Select **[Set on Timer]** / **[Set off Timer]**, and then press OK.

5 Press ▲/▼/◀/▶ to set time, and then press OK.

Hibernate the PhotoFrame

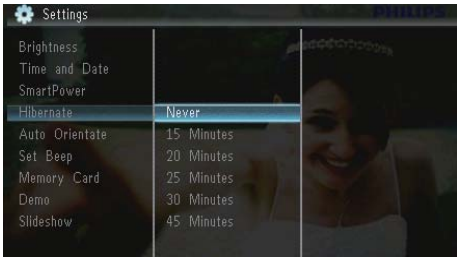
1 Select **[Settings]**, and then press OK.



2 Select **[Hibernate]**, and then press OK.

3 Select an option, and then press OK.
   ↳ After the selected period, the PhotoFrame hibernates.

   • **To disable the hibernation function**, select **[Never]** and then press OK.

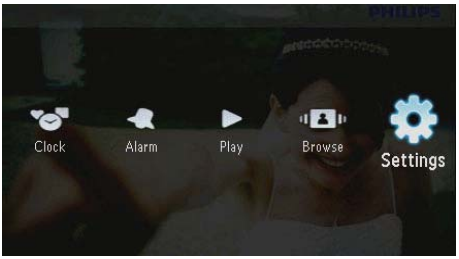


- **To get the PhotoFrame out of hibernation**, hold ⏻.

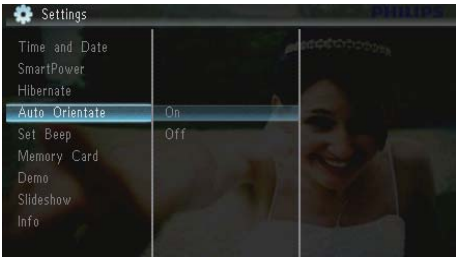
Set auto orientation

You can display photos in the correct orientation depending the horizontal/vertical orientation of the PhotoFrame.

1 Select **[Settings]**, and then press OK.



2 Select **[Auto Orientate]**, and then press OK.

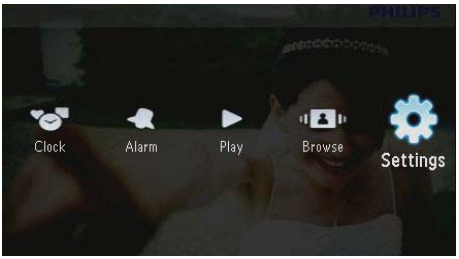


3 Select **[On]**, and then press OK.

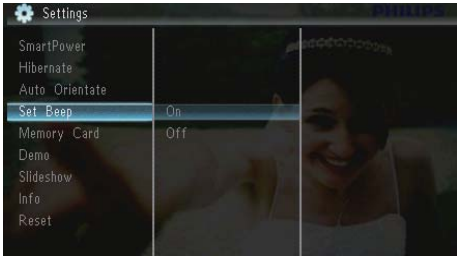
   • **To disable the auto orientation function**, select **[Off]** and then press OK.

Set button sound

1 Select **[Settings]**, and then press OK.



2 Select **[Set Beep]**, and then press OK.

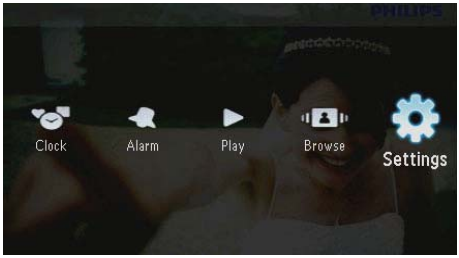


3 Select **[On]** to turn on the button sound, and then press OK.
- **To turn off the button sound**, select **[Off]** and then press OK.

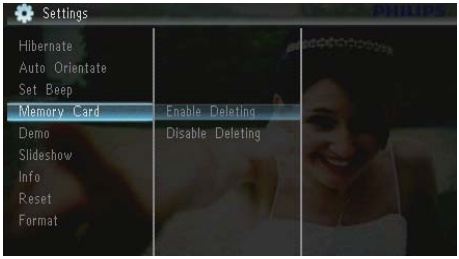
Protect/Unprotect content of a memory card

You can enable the deleting function on a storage device available on the PhotoFrame. To avoid deleting photos on a storage device, you can also disable the deleting function on a storage device.

1 Select **[Settings]**, and then press OK.



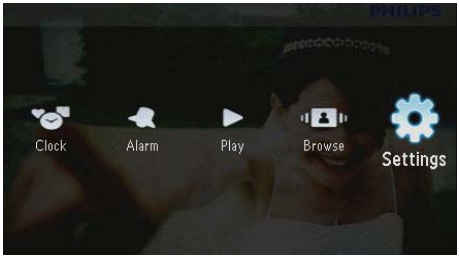
2 Select **[Memory Card]**, and then press OK.



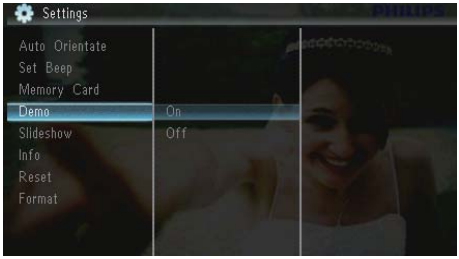
3 Select **[Disable Deleting]** to disable the deleting function, and then press OK.
- Select **[Enable Deleting]** to enable the deleting function, and then press OK.

Set demo on/off

1 Select **[Settings]**, and then press OK.



2 Select **[Demo]**, and then press OK.



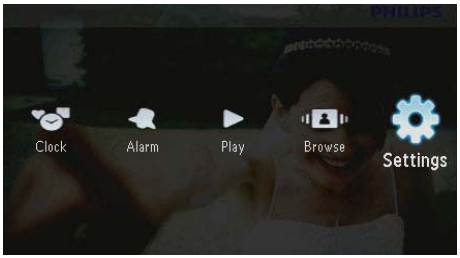
3 Select **[On]** to enable demo show, and then press OK.
- ↳ When the demo mode is ON, the PhotoFrame plays the demo slideshow automatically once the power cable is connected to the power supply.

- **To disable demo show at power up**, select **[Off]** and then press OK.

Slideshow setting

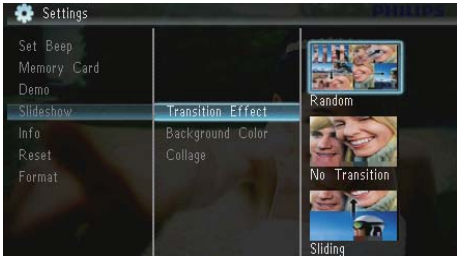
Select a slideshow transition effect

1 Select **[Settings]**, and then press OK.



2 Select **[Slideshow]**, and then press OK.

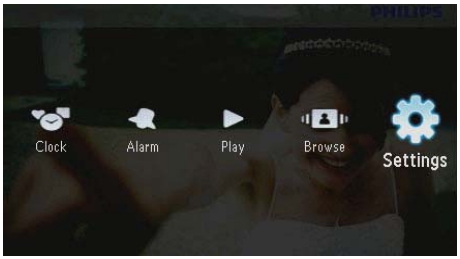
3 Select **[Transition Effect]**, and then press OK.



4 Select an option, and then press OK.

Select a photo background

1 Select **[Settings]**, and then press OK.



2 Select **[Slideshow]**, and then press OK.

3 Select **[Background Color]**, and then press OK.

4 Select an option, and then press OK.

↳ If you select a background color, the PhotoFrame displays a photo with a background color.

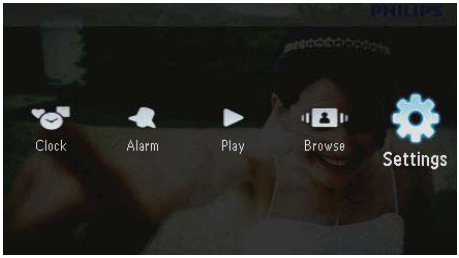
↳ If you select **[Auto Fit]**, the PhotoFrame extends a photo to fill the screen with picture distortion.

↳ If you select **[RadiantColor]**, the PhotoFrame extends the color on the edges of a photo that is smaller than the full screen to fill the screen without black bars or aspect ratio distortion.

English

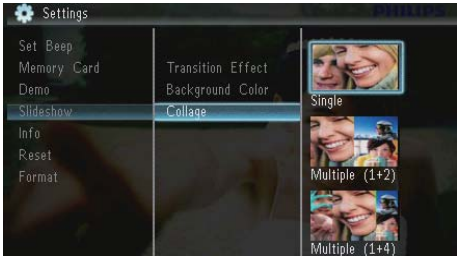
Display collage photos

1 Select **[Settings]**, and then press OK.



2 Select **[Slideshow]**, and then press OK.

3 Select **[Collage]**, and then press OK.

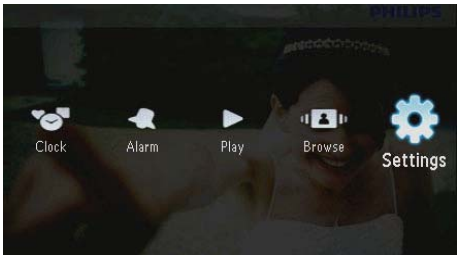


4 Select a collage option, and then press OK.

- **To disable the collage function**, select **[Single]** and then press OK.

View the status of the PhotoFrame

1 Select **[Settings]**, and then press OK.

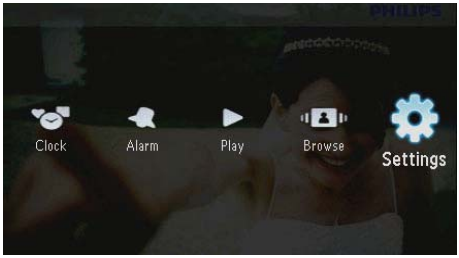


2 Select **[Info]**.

↳ The information of the PhotoFrame is displayed on the right of the screen: internal memory, used memory, free space, and the software version.

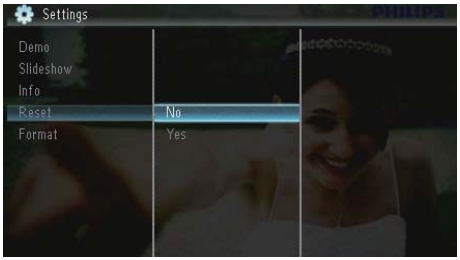
Restore factory defaults

1 Select **[Settings]**, and then press OK.



2 Select **[Reset]**, and then press OK.

3 Select **[Yes]**, and then press OK.



↳ A confirmation message is displayed.

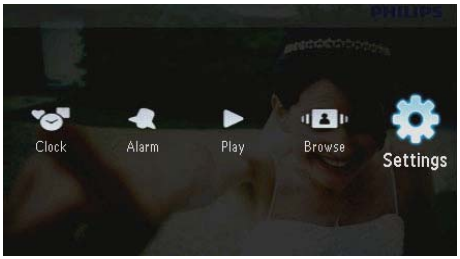
4 Select **[Yes]**, and then press OK.

Format the PhotoFrame

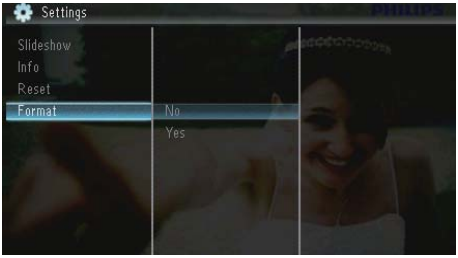
Caution

- All photos on the PhotoFrame will be lost after you format the PhotoFrame.

1 Select **[Settings]**, and then press OK.



2 Select **[Format]**, and then press OK.



3 Select **[Yes]**, and then press OK.

English

10 Upgrade the PhotoFrame

Caution

- Do not power off the PhotoFrame during upgrade.

If there is a software update, you can download the latest software from www.philips.com/support to upgrade your PhotoFrame. The earlier software is unavailable on line.

1. Visit www.philips.com/support.
2. Search for your PhotoFrame and go to the software section.
3. Download the latest software onto the root directory of an SD card.
4. Insert the SD card into the PhotoFrame.
5. Turn on the PhotoFrame
   ↳ A confirmation message is displayed.
6. Select **[Yes]**, and then press ▷ to confirm.
   ↳ When the upgrade is complete, the PhotoFrame reboots.

11 Product information

Note

- Product information is subject to change without prior notice.

Picture/Display

- Viewing angle: @ C/R > 10, 120° (H)/100° (V)
- Lifetime, to 50% brightness: 20000 hr
- Aspect ratio: 16:10
- Panel visible resolution: 432 x 234
- Best-fit photo resolution: 440 x 270
- Brightness (minimum): 160 cd/m²
- Contrast ratio (typical): 300:1

Storage media

- Memory card types:
  - Secure Digital (SD)
  - Secure Digital (SDHC)
  - Multimedia Card (MMC)
  - MMC plus (MMC+)
  - Memory Stick (MS)
  - Memory Stick Pro (MS Pro)
- Built-in memory capacity: 128 MB

Dimensions & Weight

- Set dimensions without stand (W x H x D): 206 x 139 x 25 mm
- Set dimensions with stand (W x H x D): 206 x 139 x 104 mm
- Weight without stand: 0.334 kg

Power

- Power mode supported: AC powered
- Efficiency level: V
- Average consumption (system on): 3.65 W
- Power adaptor:
  - Manufacturer: Philips Consumer Lifestyle International B.V.
  - Model number: SSW-1918xx-y (xx=EU, UK, AU, BR; Y=1, 3)
  - Input: AC 100-240V~50-60Hz 0.3A
  - Output: DC 9V ⎓ 1.1A

Adaptor	Region
SSW-1918EU	Europe, Russia, and Singapore
SSW-1918UK	U.K. and Hong Kong
SSW-1918AU	Australia and New Zealand
SSW-1918CN	China

Temperature

- Operation: 0°C - 40°C/32°F - 104°F
- Storage: -10°C - 60°C/14°F - 140°F

Accessories

- AC-DC power adaptor
- Stand
- CD-ROM, with digital user manual
- Quick start guide

Convenience

- Card Reader: Built-in
- Photo format supported:
  - JPEG photo (Up to 10MB JPEG files, Up to 64 Megapixels)
  - Progressive JPEG photo (Up to 1024 x 768 pixels)
- Placement supported: Photo auto orientation, Landscape, Portrait
- Buttons and controls: 3 buttons, 4-way navigation key and enter
- Playback mode: Slideshow, clock, calendar
- Photo edit: Copy, delete, rotate, photo effect, zoom and pan
- Slideshow setting: Slideshow sequence, transition effect, frequency, collage, background color
- Screen background: Black, white, gray, auto fit, RadiantColor
- Setup function: Brightness adjustment, language, information, beep on/off, set time and date, SmartPower
- System status: Internal memory, used memory, free space, and the firmware version

- Regulatory Approvals: BSMI, C-Tick, CCC, CE, GOST, PSB
- Other convenience: Kensington lock compatible
- On-Screen Display languages: English, Danish, Dutch, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese

12 Frequently asked questions

Is the LCD screen touch-enabled?
The LCD screen is not touch-enabled. Use the buttons on the back to control the PhotoFrame.

Can I switch different slideshow photos by using different memory cards?
Yes. When a memory card is connected to the PhotoFrame, you can play photos on the specific memory card in slideshow mode.

Will the LCD be damaged, if I keep showing the same photo for a long time?
No. The PhotoFrame can display the same photo continuously for 72 hours without any damage to the LCD screen.

Why does my PhotoFrame not show some of my photos?
The PhotoFrame supports only JPEG photos. Ensure that these JPEG photos are not damaged.

Can I use the PhotoFrame during its display auto-off periods?
Yes. You can press ⏻ to wake up the PhotoFrame.

Why does the PhotoFrame not go into auto-off status after I set it?
Ensure that you set the current time, auto-off time, and auto-on time correctly. The PhotoFrame automatically turns off its display exactly at the auto-off time. If the time has already passed for the day, it starts to enter auto-off status at the specified time from the next day.

Can I increase the memory size to store more pictures on the PhotoFrame?
No. The internal memory of the PhotoFrame is fixed and cannot be expanded. However, you could switch between different photos by using different storage devices on the PhotoFrame.

After I insert a memory card and transfer all content to the PhotoFrame, I find that the folder structure saved on the PhotoFrame is different from the original structure on the memory card. Why?
The PhotoFrame can only read a folder structure up to 3 levels and write on only 1-level folder structure. In that case, photos on a memory card, which are in folders with the same name but in different levels, will be saved in the same folder on the PhotoFrame. For example, photos in folders "**\AA**", "**\01\AA**" and "**\02\AA**" on a memory card will all be copied into the folder named "**\AA**" on the PhotoFrame.

What is the best resolution of photos to be displayed on the PhotoFrame?
The best resolution is 440 x 270, 880 x 540, or a similar aspect ratio.

Why does the PhotoFrame automatically turn off?
If you enable the hibernate function or SmartPower function, the PhotoFrame automatically turns off at the preset time. For details, see sections "Hibernate the PhotoFrame" and "Set display auto on/off".

13 Glossary

A

Aspect ratio
Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

J

JPEG
A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

K

Kbps
Kilobits per second. A digital-data-rate measurement system which is often used with highly compressed formats such as AAC, DAB, MP3 etc. The higher the amount, the better the quality generally is.

Kensington lock
A Kensington Security Slot (also called a K-Slot or Kensington lock). Part of an anti-theft system. It is a small, metal-reinforced hole found on almost all small or portable computer and electronics equipment, particularly on expensive and/or relatively light ones, such as laptops, computer monitors, desktop computers, gaming consoles, and video projectors. It is used for attaching a lock-and-cable apparatus, in particular those from Kensington.

M

Memory Stick
Memory Stick. A flash memory card for digital storage on cameras, camcorders and other handheld devices.

MMC Card
MultiMedia Card. A flash memory card that provides storage for cellphones, PDAs and other handheld devices. The card uses flash memory for read/write applications or ROM chips (ROM-MMC) for static information, the latter widely used for adding applications to a Palm PDA.

S

SD Card
Secure Digital Memory Card. A flash memory card that provides storage for digital cameras, cellphones and PDAs. SD Cards use the same 32 x 24mm form factor as the MultiMediaCard (MMC), but are slightly thicker (2.1mm vs. 1.4mm), and SD Card readers accept both formats. Cards up to 4GB are available.

T

Thumbnail
A thumbnail is reduced-size versions of a picture that is used to make it easier to recognize an them. Thumbnails serve the same role for images as a normal text index does for words.

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