

Digital Photo Frame

User's Guide

F1020N



Make sure to read the **Important Precautions** before using the product.

Keep the User's Guide(CD) in an accessible place for future reference.

See the label attached on the product and give the information to your dealer when you ask for service.

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Important Safety Precaution

This unit has been engineered and manufactured to ensure your personal safety, however improper use may result in potential electrical shock or fire hazards. In order to allow the proper operation of all safeguards incorporated in this display, observe the following basic rules for its installation, use, and service.

On Safety

Use only the power cord supplied with the unit. In case you use another power cord, make sure that it is certified by the applicable national standards if not being provided by the supplier. If the power cable is faulty in any way, please contact the manufacturer or the nearest authorized repair service provider for a replacement.

The power supply cord is used as the main disconnection device. Ensure that the socket-outlet is easily accessible after installation.

Operate the display only from a power source indicated in the specifications of this manual or listed on the display. If you are not sure what type of power supply you have in your home, consult with your dealer.

Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.

Do not Open the Display:

- There are no user serviceable components inside.
- There are Dangerous High Voltages inside, even when the power is OFF.
- Contact your dealer if the display is not operating properly.

To Avoid Personal Injury :

- Do not place the display on a sloping shelf unless properly secured.
- Use only a stand recommended by the manufacturer.
- Do not drop an object on or apply impact to the product. Do not throw any toys or objects on the product screen. This can cause personal injury, and/or damage the product.

To Prevent Fire or Hazards:

- Always turn the display OFF if you leave the room for more than a short period of time. Never leave the display ON when leaving the house.
- Keep children from dropping or pushing objects into the display's cabinet openings. Some internal parts carry hazardous voltages.
- Do not add accessories that have not been designed for this display.
- When the display is to be left unattended for an extended period of time, unplug it from the wall outlet.
- Never touch the power cord during periods of thunder and lightning. This can be very dangerous and can cause electric shock.

On Installation

Do not allow anything to rest upon or roll over the power cord, and do not place the display where the power cord is subject to damage.

Do not use this display near water such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

Displays are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built-up heat can cause failures which may result in a fire hazard. Therefore, NEVER:

- Place the display in a built-in enclosure unless proper ventilation is provided.
- Place the display near or over a radiator or heat source.

Do not rub or strike the Active Matrix LCD with anything hard as this may scratch, mar, or damage the Active Matrix LCD permanently.

Do not press the LCD screen with your finger for a long time as this may cause some afterimages.

Some dot defects may appear as Red, Green or Blue spots on the screen. However, this will have no impact or effect on the display performance.

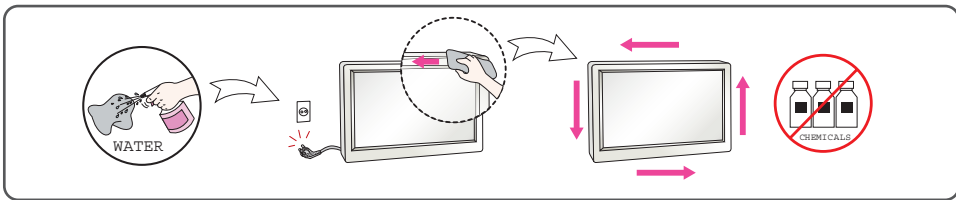
Leaving a fixed image on the screen for a long time may cause damage to the screen and cause image burn-in. Make sure to use a screen saver on the product. Burn-in and related problems are not covered by the warranty on this product.

Make sure the panel faces forward and hold it with both hands to move. If you drop the product, the damaged product can cause electric shock or fire. Contact an authorized the service center for repair.

Avoid high temperatures and humidity.

On Cleaning

- Unplug the display before cleaning the face of the display screen.
- Use a slightly damp (not wet) cloth. Do not use an aerosol directly on the display screen because over-spraying may cause electrical shock.
- When cleaning the product, unplug the power cord and scrub gently with a soft cloth to prevent scratching. Do not clean with a wet cloth or spray water or other liquids directly onto the product. An electric shock may occur. (Do not use chemicals such as benzene, paint thinners or alcohol)
- Spray water onto a soft cloth 2 to 4 times, and use it to clean the front frame; wipe in one direction only. Too much moisture may cause staining.



On Repacking

- Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it in its original material.

On Disposal

- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.
- Disposal of this product must be carried out in accordance to the regulations of your local authority.

Digital Photo Frame

Composition of product

Accessories

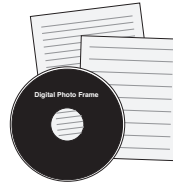
- Check the accessories.



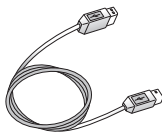
Digital Photo Frame



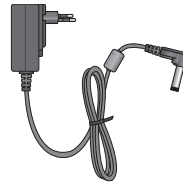
Remote



CD User's guide / Cards



USB Cable to PC



Power Adapter

Note

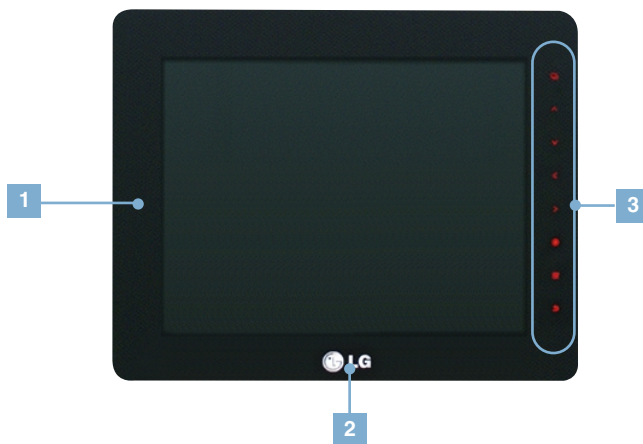
- The Digital Photo Frame and its accessories may look different from those shown here.

Digital Photo Frame

Composition of product

Names of parts

Front











1 Remote controller sensor

The remote controller sensor is on the center left of the frame.
When you use a remote controller, point it toward the remote controller sensor.

2 LG Logo

If connecting to the power, LG logo's light is on.

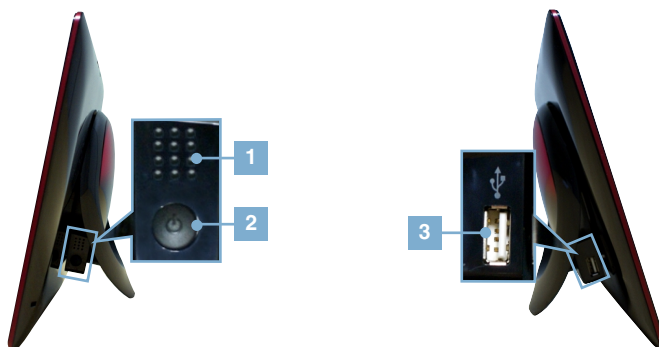
3 Touch Key Button

- | | | |
|---|----------------------|---|
|  | MENU Button | It pops up menu |
|  | UP Button | Go to Up |
|  | DOWN Button | Go to Down |
|  | LEFT Button | Go to Left |
|  | RIGHT Button | Go to Right |
|  | OK Button | OK(The Play/Pause button is used to play Slide Show, Music, and Video files.) |
|  | SELECT Button | Select the file |
|  | BACK Button | Shortly: Going out / Long: Home menu |

Digital Photo Frame

Composition of product

Side / Back



1 Speaker

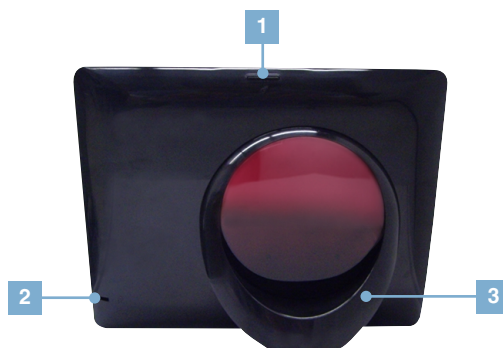
When playing video clip or music, you can listen to the sound.

2 Power button

You can turn the power on and off.

3 USB terminal for connecting to storage device

You can bring the file by connecting to external saving device and USB memory.



1 Power saving button

If pressing once, the screen goes to power saving mode, and if pressing once again, it goes back to default setting.

2 Kensington Security Slot (Separate purchase required)

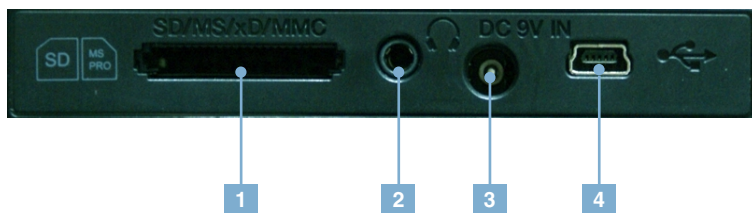
Connected to a locking cable that can be purchased separately at most computer stores.

3 Stand

Digital Photo Frame

Composition of product

Bottom



-
- | | | |
|----------|--|---|
| 1 | SD/MS/xD/MMC Slot | You can open the file by inserting SD/MS/xD/MMC card.
When there is no left capacity in the internal memory, it is possible to be used for an extension of memory. |
| 2 | Headphone / earphone terminal | When playing video clip or music, you can listen to the sound by connecting head/earphone. |
| 3 | DC 9V IN terminal | After connecting power adapter to DC 9V IN terminal, you can use it by connecting power cord. |
| 4 | USB terminal for connecting to PC | You can use this product as a mass storage device or mini monitor by connecting to PC using a provided USB cable. |
-

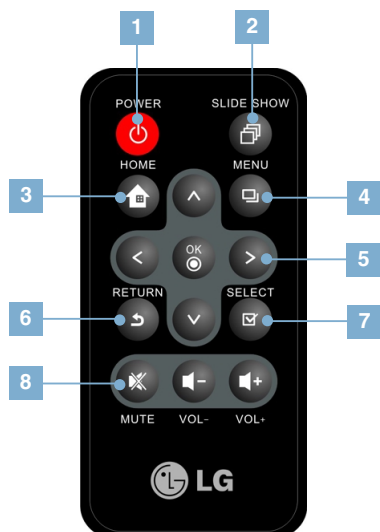
Note

- Please refer to page 10 for an external device connection and use method.

Digital Photo Frame

Composition of product

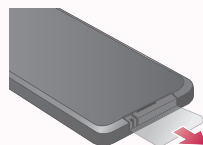
Remote Control Button Names and Functions



- | | | |
|---|--|---|
| 1 | | Turn ON/OFF |
| 2 | | Go to Show Slide |
| 3 | | Go to HomeMenu |
| 4 | | It pops up menu |
| 5 | | Go to Up |
| | | Go to Down |
| | | Go to Left |
| | | Go to Right |
| | | OK(The Play/Pause button is used to play Slide Show, Music, and Video files.) |
| 6 | | Go to previous screen |
| 7 | | Select the file |
| 8 | | It goes to mute |
| | | It adjusts volume. |
| | | |

Note

- Before using the remote control, please remove the safety film on the bottom of the remote control as shown in the picture.

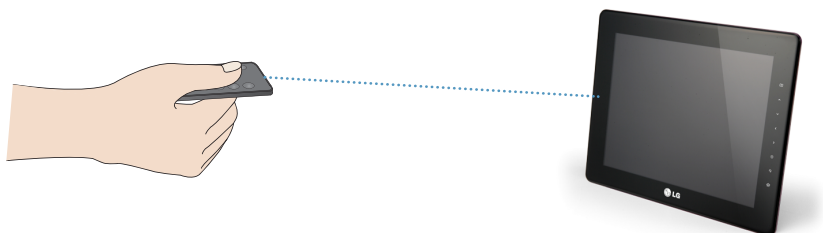


Digital Photo Frame

Composition of product

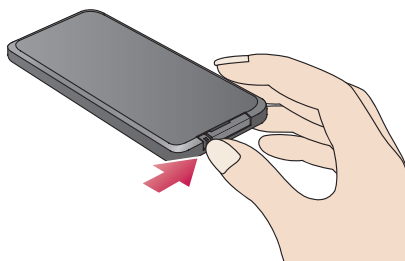
Remote Controller Sensor

- The remote controller sensor is on the center left of the frame. When you use a remote controller, point it toward the remote controller sensor.

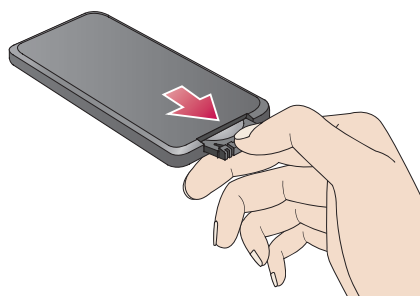


Replacing the Remote Control Battery

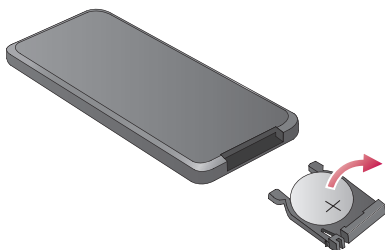
- 1 Push the tab of the battery holder on the rear bottom side of the remote controller.



- 2 Pull the battery holder out.



- 3 Replace the battery (Lithium Cell CR2025 3V) and push the holder in.



Note

- Please use only assigned battery. Unless you do, the battery could explode.
- Please be careful that the foreign substance goes into inside of remote controller when changing battery.
- Unless you use the battery correctly, it could be the cause of leakage or corrosion.

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Installation and connection of product

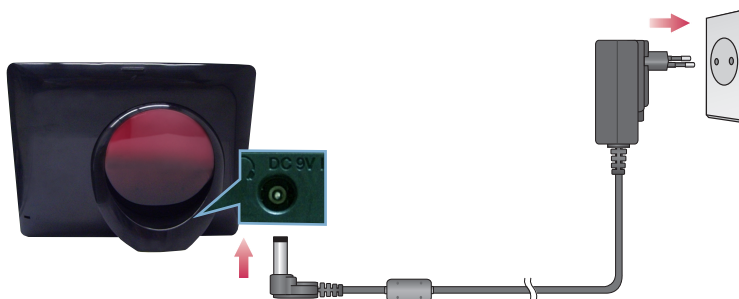
Installing Type


- 1 Turn the stand to install the product in a horizontal or vertical position.

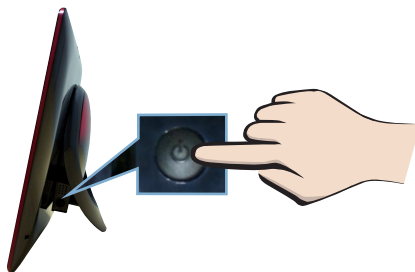


Connecting Power Cord

- 1 After connecting power adapter to DC 9V IN terminal at the product side, please connect power code.



- 2 Press the power button  on the side of the stand to turn the power on.
Press the power button for two or three seconds to turn it off.



Note

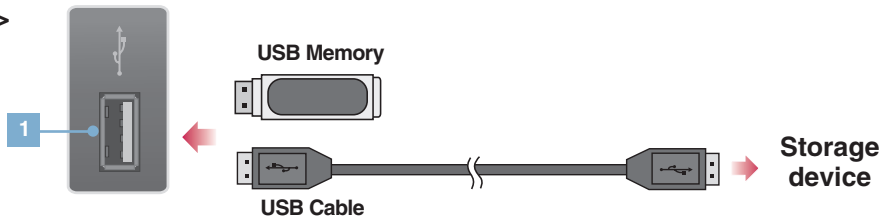
- When **Auto** setting up **Orientation** menu of the **Setup**, the image automatically rotates as well. But Menu and Key-Help don't rotate.
- The product and its accessories may look different from those shown here.

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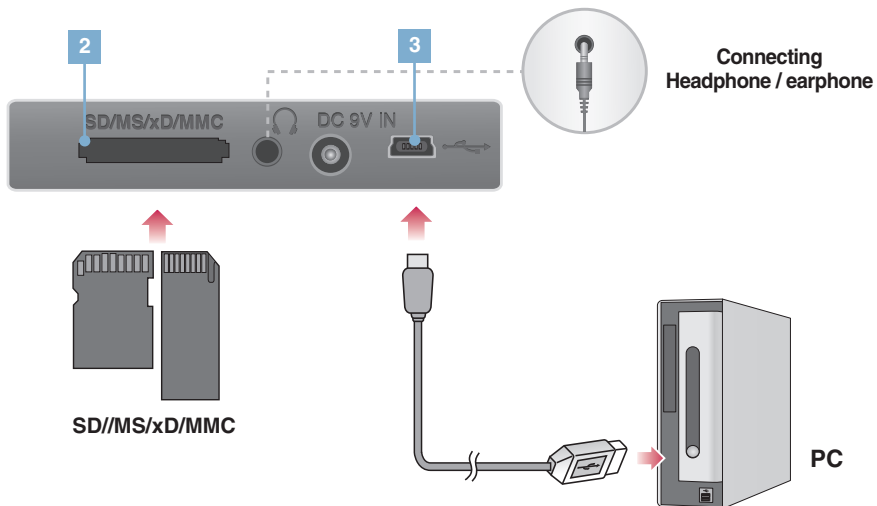
Installation and connection of product

Connecting USB / Connecting Memory card

<Side>

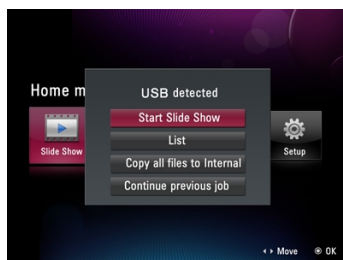


<Bottom>



1 Storage device connection

1. Please connect to product's USB terminal.
2. Please connect to USB terminal of external storage device.
3. If external storage device is read, a window pops up as below.
Please select an operation you want.

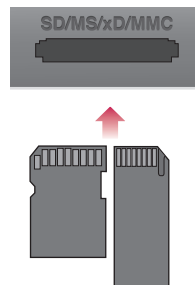
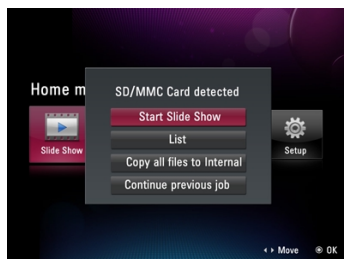


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Installation and connection of product

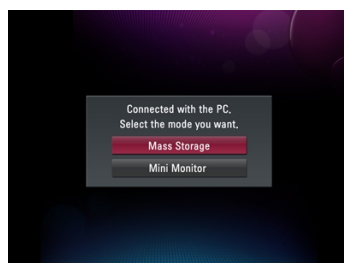
2 Memory card slot (SD/MS/xD/MMC)

1. Please pay attention to the direction of the memory card.
2. Please push into the slot.
3. If external memory card is read, a window pops up as below. Please select an operation you want.



3 PC connection

1. Please connect to product's USB terminal using a provided USB cable.
2. Please connect to PC's USB terminal.
3. If PC is read, a window pops up as below. Please select use mode you want between a **Mass storage** and **Mini monitor**.




! Note

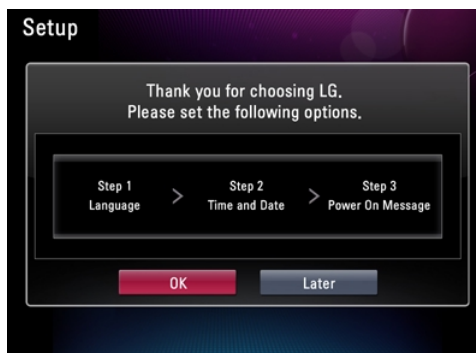
- The internal memory of the product is 2GB. If the memory is full, no more files are saved.
- Two or more external devices can be connected together.
- Do not turn the product off or remove external devices while moving, saving, playing or deleting files.
- If removing external storage devices while playing file, the product may abnormally operate. Please turn the power off and on again for this case.
- When connecting external storage devices to the product, use the cables included with the devices.
(For more information on storage devices, and cable purchase, contact the relevant service centers for the devices.)
- This product doesn't support external hard and card reader.
- When connecting to PC by USB cable, the volume name(Ex: E:, F:, G:, and so on) of moving disk depends on computer circumstance.

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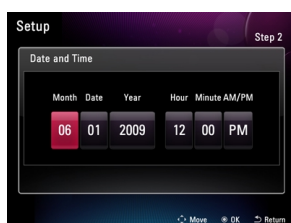
Before beginning

Setting

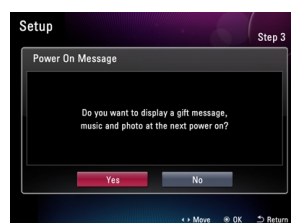
- When turning on the power at first, the setup window that you can set up Language, Date and Time, and Power on Message pops up. After finishing setup, it doesn't appear again, and if initializing, it reappears.
- If you need a detailed explanation for each menu or to change setup, please refer to  **Setup** (— P22).



1Step Language



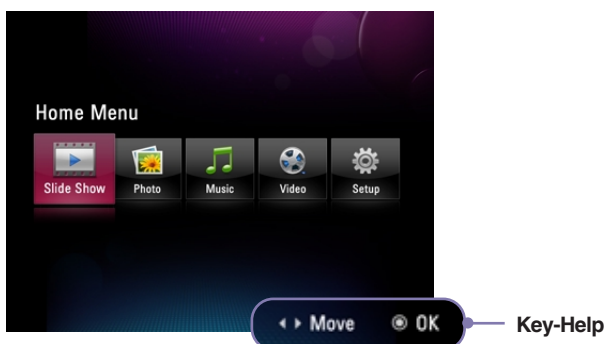
2Step Date and Time



3Step Power on Message

Key-Help

- Key-Help is indicated at the right lower part of each menu to help user for adjusting button. Please refer to it for adjusting product's button.



Screen Composition and Buttons

- Please select desired menu.



Slide Show

You can display the photo. (→ P14)



Photo

You can select and manage the photo. (→ P20)



Music

You can play the music. (→ P16)
You can select and manage the music. (→ P20)



Video

You can play the video. (→ P18)
You can select and manage the video. (→ P20)









Setup

You can set up other setting. (→ P22)

Digital Photo Frame

Slide Show

- You can play photo files in  **Slide Show**.
- To use a Slide Show, press the  button on the remote control or select the  **Slide Show** on the **HomeMenu**.
- If selecting a  **Slide Show** at home menu, it basically plays photo. If you want to play music or video, please begin at  **Music** and  **Video**.

Playing photo and slide show menu



Operating key

Open/close menu



Menu movement



Menu detailed adjustment



Selecting menu/setup





1 Rotate

You can rotate the photo at regular angle.

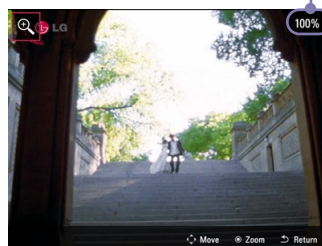
0° - 90° - 180° - 270°

2 Zoom


You can extend the photo by  button. It extends the photo in order from 100% to 400%, and if pressing  button at 400%, it goes back to 100%.

100% - 150% - 200% - 300% - 400%

Extension rate indication



3 List

It moves to  **Photo** that you can manage the file. (→ 20P)

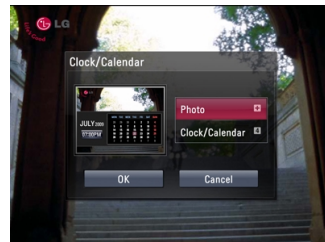
Digital Photo Frame

Slide Show

4 Clock/Calendar

You can set up clock and calendar.

- **Photo**
+ : Insert photo - : Delete photo
- **Clock/Calendar**
1~4 : Select Theme - : Delete clock/calendar



5 Copy

It copies the photo being currently played. It is only possible to copy external device's photo into internal memory. When playing internal memory's photo, copy menu is deactivated.

6 Delete

It deletes the photo being currently played.

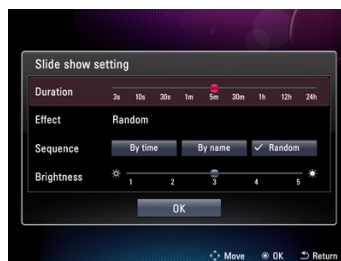
7 Slide show setting

Set up slide show's setting.

- **Duration** : Set up photo's switch time.
3s, 10s, 30s, 1m, 5m, 30m, 1h, 12h, 24h
- **Effect** : Set up effect when photo is switched. At random selection, all effect except multiple images is indicated randomly.
* Multi image effect is only supported for the horizontal display.

Random, Multi image, Cross Comb, Door Open, Door Close, Mosaic Random, Mosaic Bar, Snail, Transition, Shutter, Sliding, Corner Sliding, Dissolve, Stairs

- **Sequence** : Set up photo play order.
By Time, By Name, Random
- **Brightness** : Set up brightness of the screen.
1~5



Tip

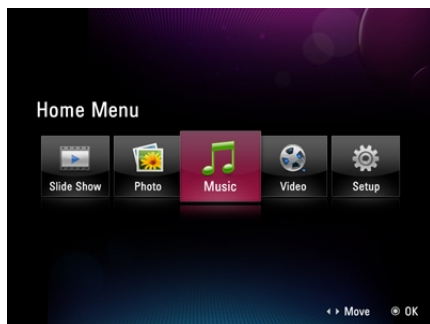
- Press the ◀ button to go to the previous photo in Slide Show. Press the ▶ button to go to the next photo.
- If pressing ⏸ button at slide show, slide show pauses. ⏮ If pressing once more, slide show starts again. ⏭
- If the size/capacity of the photo is large, photo switching time could be longer than the time that you originally set.
- If you want to appreciate photo and music together, please set up **Music auto play** at ⚙ Setup.

Digital Photo Frame

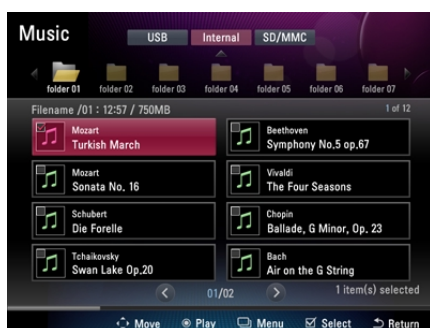
Music

Playing music

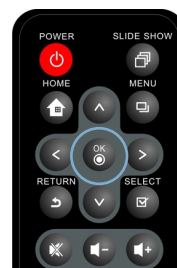
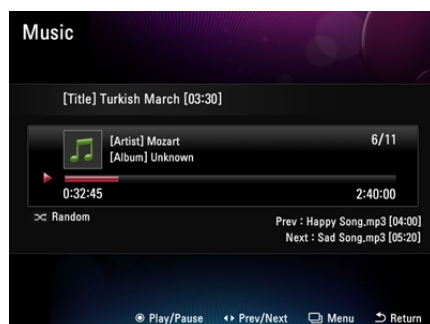
- 1 If you want to play the music, please select  **Music at Home Menu.**



- 2 Please select the file you want by  button.



- 3 If pressing  button, it plays the music you selected.



Playing screen composition and buttons



Operating key	
Play mode setup	
Playing previous song	
Playing next song	
Pause/play	
Volume adjustment	

5 Key-Help

1 File information indication It indicates file name, musician, and album title.

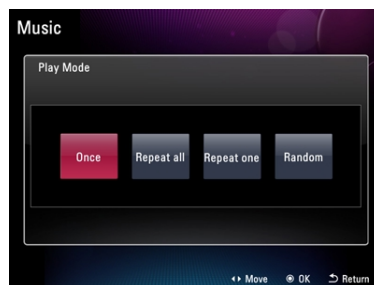
2 Playing order It indicates the total number of the file to be played and order of the file being currently played.

3 Play bar It indicates playing state of the file being currently played.

4 Previous/next file indication It indicates the previous and next file.

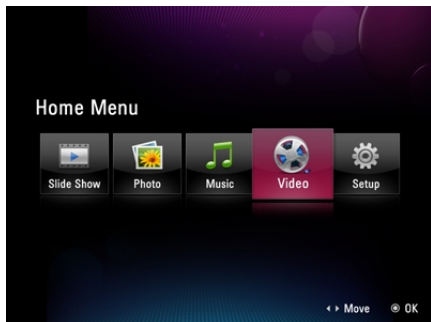
Play mode

- If pressing button at the screen of music playing, it moves to play mode.
- You can set up repetition configuration of selected music
- You can select among [Once](#), [Repeat all](#), [Repeat one](#), and [Random](#).




Playing video

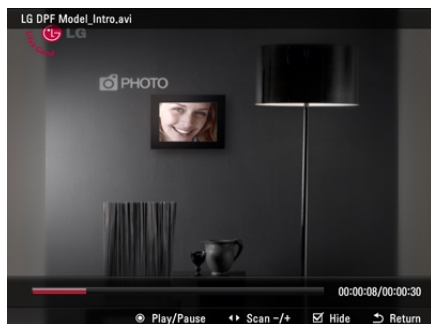
- 1 If you want to play the video, please select  **Video** at **Home Menu**.



- 2 Please select the file you want by  button.



- 3 If pressing  button, it plays the video you selected.



Note

- The video screen is only supported for the horizontal.

Playing screen composition and buttons



Operating key	
Open/close play bar	
Rewind	
Fast rewind	
Pause / play	
Volume adjustment	

-
- 1

File information indication

It indicates name of the file being currently played.
- 2

Play bar

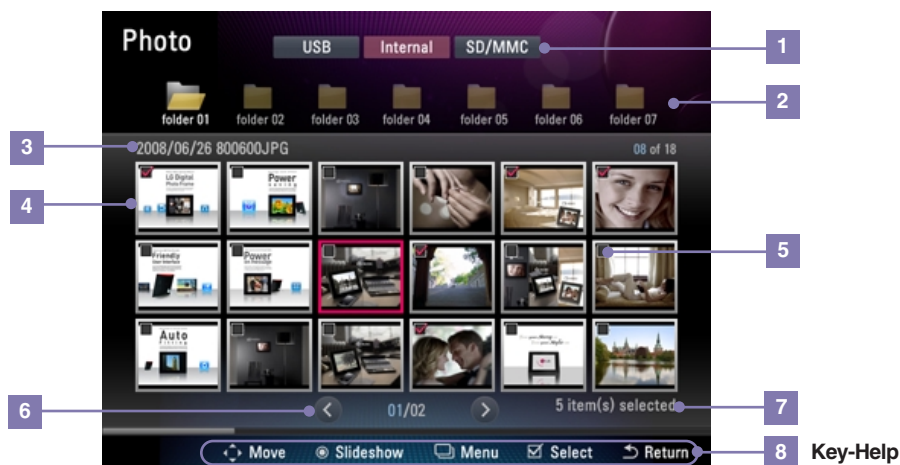
It indicates playing state of the file being currently played.
-

Digital Photo Frame



File management

Screen Composition and Buttons

- You can separately manage each file at **Photo**, **Music**, and **Video**.
- Below is an explanation by giving you an example of the **Photo**, and operation method of **Music** and **Video** is also identical.



- Device type selection** Indicates inside memory and connected external memory apparatus. Please select desired type.
- Folder** Indicates folder at the device you selected. Please select desired folder.
- File information** Indicate file's name and capacity and so on.
- File's table of contents** All files within selected folder are indicated, and preview is possible for photo file. Information of corresponding file is indicated for file of music and video.
- Selection indication** To select any media file content. Press it to select content and press it again to unselect the content.



- Page indication** The number of current page and the whole page is indicated, and page movement is possible by using , key. If pressing , key long, each moves to the first and last page.
- The number of selected file** It indicates the total number of currently selected file.

Tip

- Recommend that you designate the file name as same language as the product current setup language. If different language, some letters could be broken.

Digital Photo Frame

File management

File management menu

- If pressing  **Photo**,  **Music**, and  **Video**, it moves to each menu.
- The usable menu could be different according to the format of the file.



1 Selected file indication

Indicates the number and capacity of selected file.

2 Function

Please select the function you want.





- | | |
|---------------------------|---|
| ■ Slide Show | Start Slide Show. |
| ■ Select all | Select all files within currently located device. (➡ P23) |
| ■ Unselect all | Unselect all selected files within currently located device. (➡ P23) |
| ■ Copy | Copies file. (➡ P22) |
| ■ Delete | Deletes file. (➡ P22) |
| ■ Rotate | You can rotate the photo. |
| ■ Sequence | Set up photo play order. |
| ■ Device Selection | Select the connected other device. |

Digital Photo Frame

File management


File copy / delete

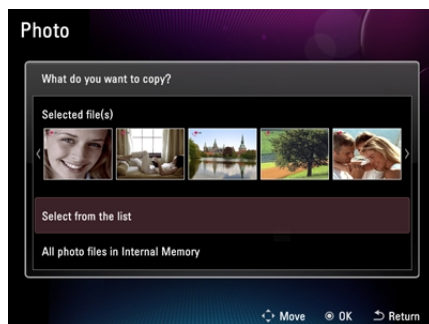
1 Selecting Copy/Delete menu

Pressing the  button in  **Photo**,  **Music**, or  **Video** displays the menu. Select the **Copy** or **Delete** menu.



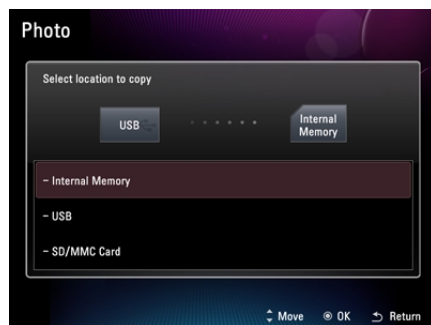
2 File selection

The file selected in  **Photo**,  **Music**, or  **Video** appears automatically. Select the **Select from of the list** menu if you want to select another file. You can select all files on the device.




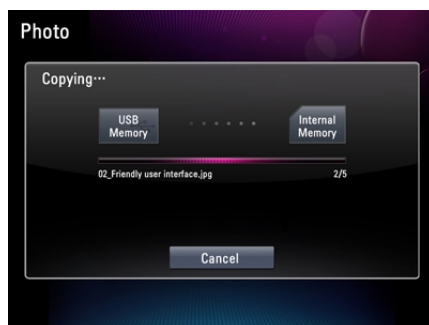
3 Designating copy location (Delete menu doesn't count.)

Please assign the device copying the file.












4 Copy/delete

It copies/deletes the file. If copy/deletion completes, please press  button.



Note





- You can also use the Copy/Delete menu to copy/delete files after selecting either  **Photo**,  **Music**, or  **Video**.
- You can't copy the file from internal memory to internal memory (between internal memories).
- You cannot copy/delete all  **Photo**,  **Music**, or  **Video** files at once. Use the Copy/Delete menu of  **Photo**,  **Music**, or  **Video** to copy or delete them individually.

Digital Photo Frame

File management


Selecting all file / Unselecting all file

Select all files/Unselect all files within the device

If pressing  button at  **Photo**,  **Music**, and  **Video** menu appears. Please select **Select all** or **Unselect all**.




Select all files/Unselect all files within folder

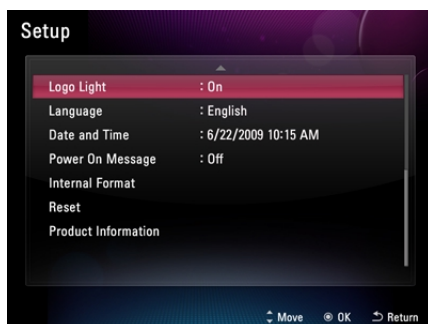
If pressing  button at the location of corresponding folder, it performs select all. If pressing once more, it performs unselect all.



Digital Photo Frame

Setup

- Setup allows you to configure the basic Properties of the device. Select  **Setup** on the **Home Menu**.



-
- **Brightness** Set up the screen's brightness. It is possible to adjust from 1 to 5.
-
- **Orientation** Set the display direction of the product.
(* This product reads the photo information and the orientation value and rotates the photo accordingly.)
 - **Auto** Sensor automatically shows in rotation by perceiving the product direction.
 - **Landscape** Shows at breadth.
 - **Portrait** Shows at length.
-
- **Photo Aspect Ratio** Adjust the aspect ratio of the screen.
 - **Width Custom** It expands the photo size horizontally to fill the screen.
 - **Height Custom** It expands the photo size vertically to fill the screen.
 - **Full1** It shows the picture fit to the size of the screen regardless of the ratio of the picture.
 - **Full2** It shows the picture fit to the size of the screen maintaining the ratio of the picture. The outer edges may be cut off depending on the size of the picture.
-
- **Video Aspect Ratio** Adjust video aspect ratio.
 - **Original** It shows by automatically adjusting the screen ratio.
 - **4:3** It shows as the ratio of 4:3.
 - **16:9** It shows as the ratio of 16:9.
-
- **Alarm** You can set up the alarm. Set up the time, repetition setup, sound, and so on.
-

Digital Photo Frame

Setup

- **Music Auto play** If music file is detected at photo slide show, it sets up that both are automatically played together.
- **Power Saving** You can set up the time that power is turned on or off.
- **Starting mode** Set up the screen that initially shows up when turning on the power.
 - **Home Menu** Start at Home Menu.
 - **Slide Show** Start Slide Show.
 - **Last Mode** Start from the last state that the power is off.
- **Logo light** Set up logo indication light at the product lower part
- **Language** Select a language used in the menu screen.
- **Date and Time** Set up date and time.
- **Power on Message** Set up present message. (➡ P26)
 - **Off** No setup for present message.
 - **On** When giving present, you set up by selecting the photo and phrase proper to the objective.
- **Internal Format** Delete all data stored in internal memory.
- **Reset** Initialize all setups.
- **Product information** Verify product information.

Note

- Language and Time are not initialized even when you execute **Reset**.

Digital Photo Frame

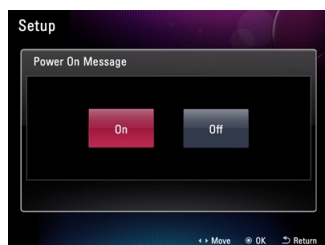
Setup

Power On Message Function

- Power On Message is the function to show setup function when other turns on the power by setting up message, photo, music, and video.

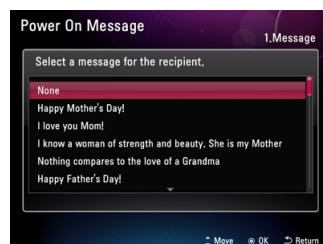
1 Selecting 'On'

Select **On** on the **Power On Message** menu.



2 Selecting message

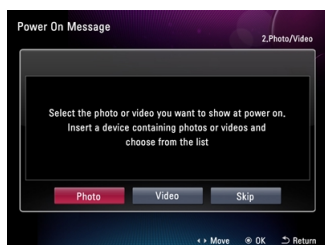
Please select the message you will send.



3 Selecting photo/video

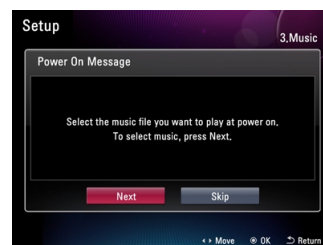
Please select one of **Photo** or **Video** and the file you want from the list. Please select **Skip** button unless you want to insert.

* If selecting video, you cannot insert the music.



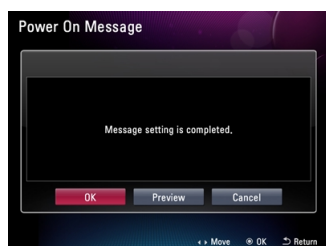
4 Selecting music (It counts only for selecting the photo.)

Please select the music. If selecting **Next** button, you can select the music from the music list, and if selecting **Skip** button, it doesn't insert the music and goes into the next step.



5 Setup completion

You can preview the **Power On Message** by pressing the **Preview** button after setup.






! Note

- Even though you set up display direction vertically, the phrase of **Power On message** isn't supported vertically.

Digital Photo Frame

Troubleshooting

Problems	Solutions
● The screen does not work.	<ul style="list-style-type: none"> • Check if the product is connected to the power adapter properly. • Check if the power adapter is connected to the power outlet properly. • Press the Power button to turn the product on.
● The photo is not displayed on the screen.	<ul style="list-style-type: none"> • There are some image file formats which are not supported. Please check the product specifications.
● Video screen and sound doesn't operate.	<ul style="list-style-type: none"> • The configuration of video file could not match. Please check product standard and then change the video configuration.
● The music does not play back.	<ul style="list-style-type: none"> • There are some music file formats that are not supported. Please check the product specifications. • Press the , ,  buttons to check if the volume is turned off.
● The USB / memory card is not detected.	<ul style="list-style-type: none"> • Check if the USB cable is connected to the product and the external device properly. • There are some memory card formats which are not supported. Please check the product specifications. • Check if the files stored in the external device are supported file formats.
● The screen is black or none of the buttons work.	<ul style="list-style-type: none"> • The product may not respond because of invalid file format, virus infection or unexpected situation. Turn DC Jack plug off and on to make it function normally.
● I want to format the internal memory.	<ul style="list-style-type: none"> • If you want to format internal memory, it is safe to use Setup -> Internal Format. Format will delete all media file. • Do not format internal memory using PC after connecting the product to PC because it may cause malfunctions.
● It takes long for photo to come up.	<ul style="list-style-type: none"> • When opening the file from external memory card, it could take time. • The time that photo comes up could be different depending on file format type and size.

Digital Photo Frame

Troubleshooting

Problems	Solutions
<ul style="list-style-type: none">● The screen ration is not normal.	<ul style="list-style-type: none">• Please adjust the aspect ratio of the screen. You can adjust it in the Setup -> Photo Aspect Ratio or Setup -> Video Aspect Ratio.
<ul style="list-style-type: none">● The screen color is dim or dark.	<ul style="list-style-type: none">• Please adjust screen brightness. You can adjust at Setup -> Brightness or Slide show setting -> Brightness.

Digital Photo Frame

Specifications

* Information in this document is subject to change without notice.

Model	F1020N
Size	10.4"
Dimension (Width x Height x Depth)	271.5 x 213.5 x 74.92 mm
Weight (excl.packing)	784 g
Resolution	800 x 600
Power Input	DC 9V 2.0A
Power Consumption	General : 8W Power off : less than 1W
USB	Version 2.0 X 2(up stream (host) X1, down stream (slave) X1)
Internal Memory	2 GB
Supported file format	JPEG, BMP, GIF, PNG, MP3, Motion JPEG, MPEG1, MPEG4(SD)
Supported Memory Cards	SD ≤ 2GB / SDHC ≤ 32GB / MMC ≤ 2GB / MS ≤ 128MB / MS-PRO ≤ 32GB
AC-DC Adapter	ADS-18C-12N 09018GPG(EU) ADS-18C-12N 09018GPB(UK) ADS-18C-12N 09018GPCU(USA)

Service center

- LG Electronics Service center web site : <http://www.lgservice.com>

Software Update

- For software update, please refer to www.lge.com

Product Registration

- Visit www.lge.com and register the Serial No. on the product package or the back of the product.
- The Serial No. is a combination of 12 digits with English letters and numbers.
- If you register the Serial No., you can enjoy free A/S service and various events.

