User's manual

My Smart Friend

Polaroid Mini Printer

POLMP01B
POLMP01W
POLMP01BL
POLMP01R

Made for Android | NFC | ZINK ZERO INK | Bluetooth
Made for iPod iPhone iPad

GK07X0000100

Safety Precautions

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of this device.

CAUTION
Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE WARNING
- Changes and modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- It is desirable that it be installed and operated with at least 20cm or more between the radiator and person's body(excluding extremities:hand,wrists,feet, and ankles)

CE 2200 STAND-BY Direct Current

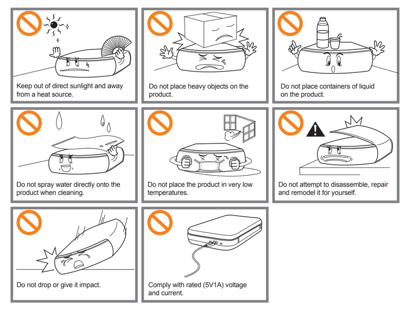
EN Test Regulations
ETSI EN 300 328 V1.9.1
ETSI EN 301 489-1 V1.9.2
ETSI EN 301 489-17 V2.2.1
EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

BATTERY WARNINGS
1 Avoid contact with leaking or a damaged battery.
2 Do not short battery teminals.
3 Adult supervision is recommended when product is used by young children.
4 Avoid areas of excessive heat or moisture.
5 Do not disassemble the battery.

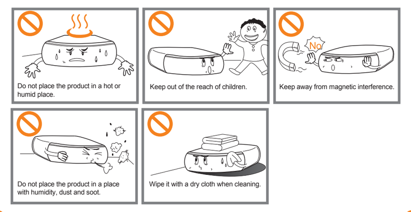
This product contains electrical or electronic materials. The presence of these materials may. if not disposed of properly, have potential adverse effects on the environment and human health.
Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.
Risk of explosion if Battery is replaced by an incorrect type.
Dispose of used Batteries according to the instructions.

Safety Precautions

WARNING
A violation of labeling regulations can cause serious injury or death



NOTICE
A violation of labeling regulations causes minor injury or damage to the product



Operating Temperature
If the optimum operating temperature of (15~32°C) is not met when using this device, it may not print or lead to failure to provide the best print quality. (For stability of the product, refrain from using it at a low temperature in the winter.)

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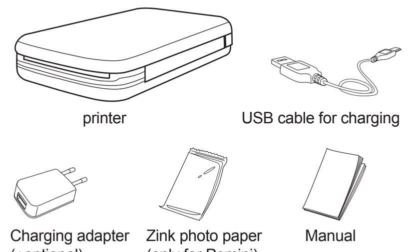
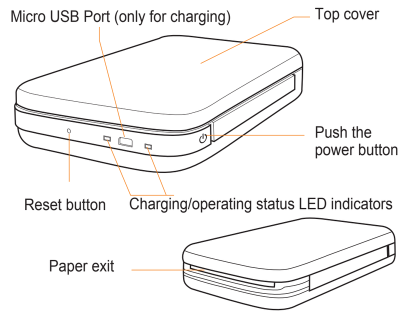
1. Items confirmed before use

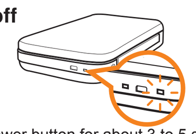
Components check



Names of parts



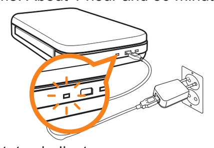
Power on/off



ON Press the power button for about 3 to 5 seconds.
OFF Press the power button for about 2 seconds.

Note
When you turn on the power, the operating status LED indicator blinks for about 5 seconds.
You can print it out when the blinking ends, and the LED is turned on white.

Charging the battery
This device has a built-in battery.
Make sure that the battery is charged fully before use.
Average charging time: About 1 hour and 30 minutes



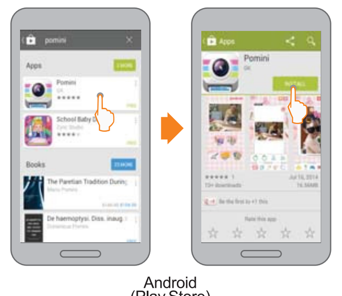
Checking charging status indicator

Charging status indicator	Description of status
(red)	Charging in progress
(green)	Charging completed

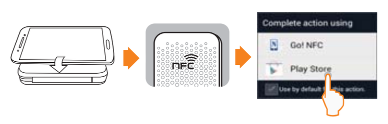
Notice
- Use the standard charger provided by this device.
- The use of a non-standard charger can cause malfunction and exception from the subjects of warranty service.
- There may be the risk of electric shock during the process of charging, so please use with care.
- Do not give abnormal impacts.

2. Application installation

Installation in Store
Android:
Search for “Pomini” in Play Store for installation.

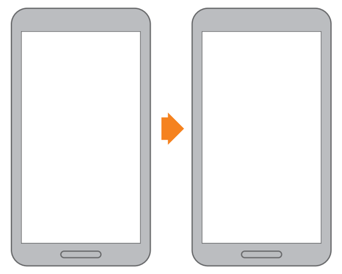


Android
(Play Store)



(※ Android phone that supports NFC function is connected to PlayStore Link when it comes in contact with the top cover.)

iOS
Search for “Pomini” in AppStore for installation.

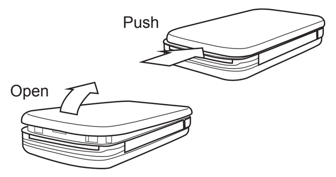


iOS
(App Store)

Installation with QR Code
Scan the OR Code in the product box and install the App.

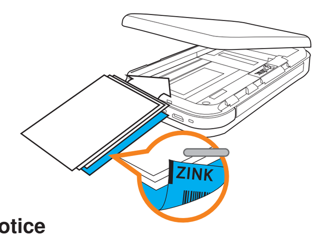
iOS Android™

3. Cover Open method



4. Inserting printing paper

- Prepare the blue Smart Sheet and white printing paper after unpacking the photo printing paper pack.
- Open the top cover and insert the Smart Sheet and printing paper as shown in the figure.



Notice
- Do not open the Cover while printing.
- Printing quality of output cannot be guaranteed in case of using Zink paper of other companies.

Zink Smart Sheet

Features
- Provide optimum image quality correction suitable for each printing paper pack
- Remove foreign objects from printer head.

How to use
- Eject automatically before printing out the paper in initial output.
- Poor quality and occurrence of horizontal lines can be improved by repeatedly printing 2 to 3 times.
- Recycle until the printing paper of each printing paper pack is exhausted.

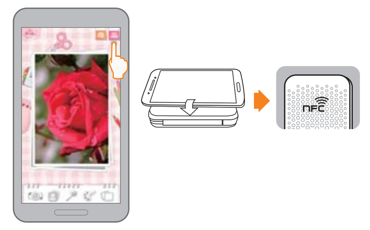
Notice
- Optimum image quality cannot be guaranteed when the Smart Sheet of each printing paper pack is not used, or the bar code is damaged.
- Long-term storage after opening the printing paper pack can have a bad effect on printing quality due to a discoloration or distortion of printing paper.

5. Printing

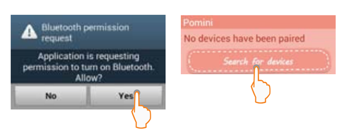
- Android

1. Execute a dedicated App after turning on the power of the printer.
2. Select the desired photo from [Take a Picture / Photo Album] after selecting [Print] from the App's main screen.

3. Select the Print button at the top right corner of the Edit screen.



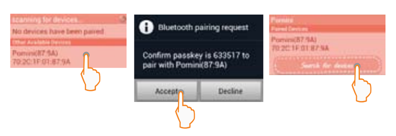
4. Begin searching for surrounding Pomini when selecting “Search for devices” after selecting “Yes” on the Bluetooth permission request window. (Permission request window doesn't come out when Bluetooth function is turned on.)



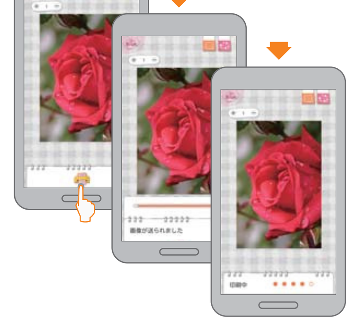
5. Select “Pomini(XX:XX)” from the Other Available Device list and select ”OK” when “Bluetooth pairing request' pops up. (MAC Address can be checked in the label inside the device.)

- “Pairing request” window may not come out depending on the Phone type.

6. Upon completion of Pairing, it is added to the Paired Device list. (The process of NO. 4-6 is carried out one for the first time, but this process can be omitted in a Pairing state.)



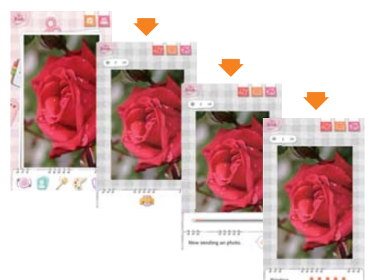
7. Tap the Print button at the bottom on the Print Preview screen.



- iOS

1. Turn on the power of the device.
2. For Bluetooth connection, change the mode to “Turn on” [Bluetooth] from [Settings] of the device.
3. Connect “Pomini(XX:XX)” in the searched list. (MAC Address can be checked in the label inside the device.)

4. Execute a dedicated App.
5. Select the desired photo from [Take a picture / Photo Album].
6. Select the print image at the top right corner of the Edit screen.
7. Select the print image at the bottom of the Print Preview window.



Change in device settings Android & iOS (common)

1. Select [See More] in [Information] after selecting [Settings] at the top left corner of the main screen.

<Android> <iOS>

2. Set/check out each function on the Settings screen.

Description of Settings Details

Function	Description
Auto Exposure	Automatic exposure settings
Print Mode	Print mode settings (Image Full, Paper Full)
Auto Power OFF	Auto power off setting (None, 3 minutes, 5 minutes, 10 minutes)
Device Status	Device status (Idle, Busy, Paper Empty, etc.)
Battery	Battery level
Number of page Printed	The total number of pages printed
MAC Address	Bluetooth MAC address
Update	Firmware and color correction data updates

Print Mode

- Image Full

As shown in the left side of the picture, the photo matches the printing paper so that the full image can appear in Image Full.

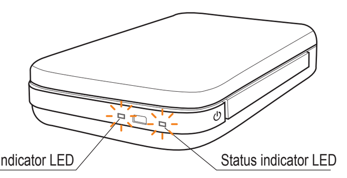
As the ratio of width to height (2:3) is greater, the white space is wider.

- Paper Full

As shown in the left side of the picture, the photo matches the printing paper so that the image can be resized in Paper Full.

As the ratio of width to height (2:3) is greater, the original image is further severed.

6. Description of LED Status Indicators



Charging status indicator	Operating status indicator	Current status	Details
(grey)	(grey)	Off	Turn on the power to print.
(grey)	(white)	Standby/ On	Wait for print command. Turn off automatically after the set time.
(red)	(grey)	Charging in progress	The battery is being charged.
(green)	(grey)	Charging in completed	The battery is fully charged.
(grey)	(white, flashing)	Operating/ Flashing	Power off, image transmission, image processing, printing, cooling standby
(grey)	(red, flashing)	Error/ Flashing	No paper, paper jam, cancel operation, cover open, low battery, image not supported, update failure, etc.

7. Product specifications

Type	Size
Paper size	50 x 76 (mm)
Type of supported image file/size	PNG(2550x3300)JPEG(baseline) Within a maximum of 10M Byte Progressive JPEG not supported
Paper used	ZINK Paper (for Pomini only)
Paper storage conditions	Temperature : 20 ~ 25°C Humidity : 40 ~ 55% RH
Product operating conditions	Temperature : 5 ~ 40°C Humidity : Less than 70% (35°C)
Optimal print conditions	Temperature : 15 ~ 32°C Humidity : Less than 70%(32°C)
LED display	Power on/Standby/ Communication/Charge/Error/ Print/Update
Communication	Bluetooth 4.0
External connection terminal	Micro USB port (charging only)
USB power supply	Rated DC 5V / 1.0A adapter (optional)
Built-in battery	500mAh lithium polymer (rechargeable)
Proper image resolution	More than 1280 x 2448 pixel
Weight	186g
Support App version	Android : 4.0 or higher iOS : 5.1 or higher (Support may not be provided depending on the user's Smart phone version and environment.)

※ Product design and specifications are subject to change without notice.

8. Items to check before reporting a malfunction

Problems	Checklist
The power does not turn on.	Check to see if the battery is charged.
Bluetooth connection is not established.	Reboot the Bluetooth of the phone, or connect directly from the Settings menu.
	Try connecting in about 5 minutes after turning on the power to the device.
Printing paper seems to be jammed.	The paper is automatically ejected if you turn on the power after turning it off. Print it after printing out the Smart Sheet 2 to 3 times.
Stopped during printing operation.	The printing paper should be stored in an environment with low temperature/humidity. Do not fold or crumble the paper.
The power turns off automatically after a certain period of time.	Check the Auto Time Off value within “Settings” -> “see more” of the App.(None, 3 minutes, 5 minutes, 10 minutes)
	The operating status LED flickering Red indicates there is no power remaining on the battery. In this case, charge the battery with a dedicated adapter.
The printed photo shows a line. A slash mark appears in the middle of the photo.	Print it again after printing out the Smart Sheet 2 to 3 times. (A line may appear in case an impact is applied to the printer during the printing operation.)
White LED flashes and printed paper does not come out.	This device requires the proper temperature of (15~32°C) to facilitate smooth printing operation. Thus, a greater warm-up time is required in temperatures that are lower than ideal, and cooling times are greater when the temperature is higher than ideal. Please wait a moment to reach the proper temperature.
Printed paper comes out too late.	(same as above)
The printed image quality differs greatly from the original image quality.	The image quality is somewhat degraded when editing the image using Pomini App's Edit menu.
	Print it again after printing out the Smart Sheet 2 to 3 times. The Smart Sheet within the same pack with printing paper should be used.
	Check to see if the image has the proper resolution (1280x2448) or higher.
	The printed image quality cannot be guaranteed in case you use printing paper of other companies. Use the original printing paper.
The above methods do not resolve the problems.	Turn on the power after pressing the Reset Hole with a pointed object.

*** Warranty Card ***

1. Retain the original dated sales receipt.
2. This product is fully guaranteed against defects in materials and workmanship for one year from the original date of purchase.
3. Any component part or parts which become defective in normal use due to faulty materials or workmanship, will be repaired or replaced at our discretion free of charge.
4. This guarantee will be null and void if the item has been interfered with in any way by any unauthorised party, or misused in any way.
5. This warranty does not apply when failure is due to shipping damage, accident, alteration, modification, unauthorized service, misuse, abuse, use with incompatible accessories or attachments, failure to follow our operation, maintenance or repacking instructions, failure to use items supplied by us (such as adapters and cables), or claims made after the duration of this warranty.”
6. This limited warranty will be honored only within the geographical location that Printer and accessories were purchased.

A/S:
Add:
Support Tel :

Registration of Purchase
Name
Address
Phone no
Model no
Serial no
Date of purchase

AMEND	DATE	NO	CONTENT	SIGN
		1		
		2		
		3		

	A	B	C
~5	±0.05	±0.10	±0.25
~15	±0.07	±0.20	±0.35
~50	±0.10	±0.30	±0.50
~150	±0.18	±0.55	±0.90
~500	±0.30	±0.90	±1.50

PRINTING INFORMATION

COLOR	CMYK
PROCESS	Offset Printing
MATERIAL	

NO	CODE	MATERIAL	TREATMENT	Q'TY	MODEL	REMARK
DRAWN	DESIGN	CHECK	APPRO	DATE 2014. 10. 23	NAME	MANUAL USER (Japan)
				TOL ±		
				SCALE	A1 DWG NO	GK07X0000100
				UNIT m/m		

DS Global. co., ltd.