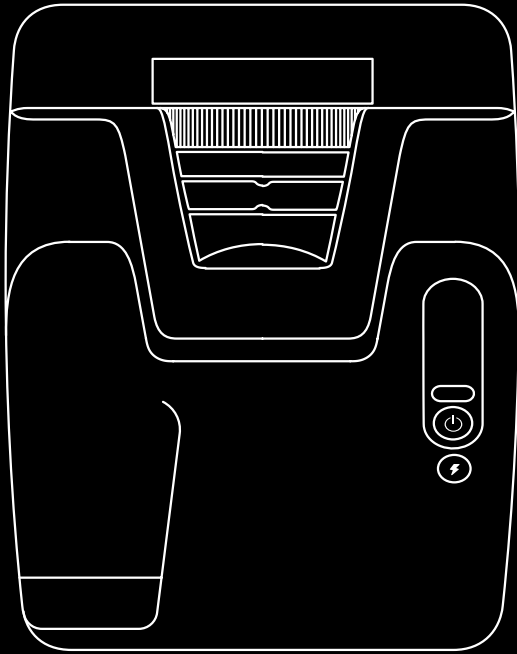


polaroid

Polaroid I-2 Instant Camera



User Manual



Polaroid I-2 Instant Camera

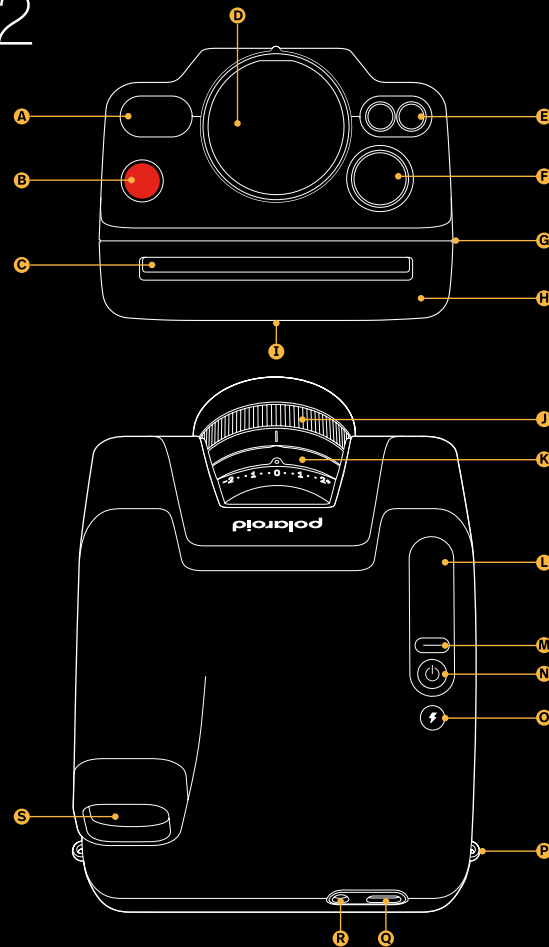


The expertly engineered Polaroid I-2 camera is the ultimate instant craft tool for those who are passionate about photography. Equipped with built-in manual controls and the sharpest lens ever in a Polaroid camera, the I-2 takes incredible pictures without compromising the unique Polaroid instant aesthetic.

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|---------------------------|------------------------------|
| A Flash | K EV Dial |
| B Shutter Button | L Outer Display |
| C Film Shield | M Mode-OK Button |
| D Camera Lens | N ON/OFF Button |
| E LIDAR Ranging | O Flash Button |
| F Viewfinder Front | P Strap Mount |
| G Film Door Latch | Q USB-C Charging Port |
| H Film Door | R 2.5mm Flash Sync |
| I Tripod Mount | S Viewfinder |
| J Selection Dial | |

Getting started

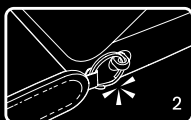
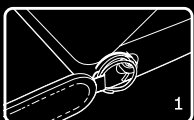
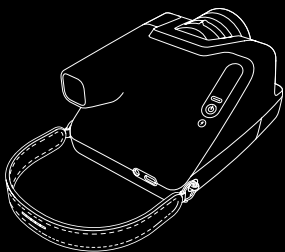
1. Open the box and check that you have the following items:

- 01 Polaroid I-2 Instant Camera
- 02 USB-c charging cable
- 03 Quick Start Guide
- 04 Tips sheet
- 05 Handle
- 06 Safety & Compliance booklet

2. Charge the camera

For safe transportation, the Polaroid I-2 camera won't be fully charged upon receiving. To charge it, plug the USB-c end of the charging cable into the back of the camera (O), and the other side into a USB wall charger (5V/1A). We don't recommend charging via a laptop or computer. The battery level indicator on the screen will show the camera is plugged in and will display the charge level until it is fully charged. A full charge through a wall socket takes about 2 hours, which is enough power to shoot approximately 10 packs of film, depending on usage. Remember to turn off the camera when you're not using it to save battery life.

3. Attach the handle



How to take your first photo

1. Turn on the Polaroid I-2 camera

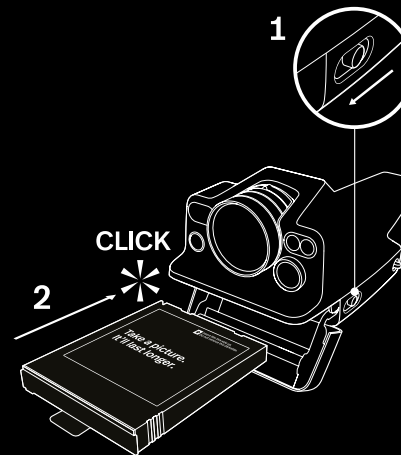
Press the ON | OFF button (N) until the outer display (L) lights up. Please select the preferred language by turning around the selection dial (J). Click on OK with the mode-OK button (M). Download the Polaroid mobile app and connect to the camera. The camera will not appear in your phone's Bluetooth® device list as the app connects automatically.



2. Insert the film pack

Move the film door latch (G) and pull the door open. Hold the film with the darkside facing up. Slide the thin end of the cassette into the camera, with the tab facing towards you. Push it all the way into the camera until it clicks. Leave the pull tab on, as you will need that later to remove the empty film pack. Close the film door until it clicks. The darkslide covered by the film shield will eject soon after. Please note: do not pull on the film shield. Remove the darkslide and allow the film shield to roll back in. This retractable shield is designed to protect photos from light as they develop. If the darkslide has not ejected, remove the film and reinsert it.

To ensure the camera displays the correct number of photos, always finish the film before inserting a fresh pack. If you decide to switch the film pack anyway, be aware that this will expose all the photos to light, and they will be unusable. You're now ready to take your first photo.



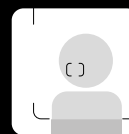
3. Aim the camera at your subject

Make sure you are at least 40cm (1.3 feet) away from your subject.

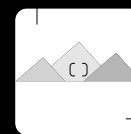
The Polaroid I-2 uses a viewfinder located on the left side of the lens barrel. To aim at your subject, align your eye with the viewfinder barrel and use the image you see to help compose your shot. Be aware that your photo will not exactly reflect what you see through the viewfinder. Adjust your aim slightly depending on the sort of picture you want to take:

It's possible to focus on your subject, and then recompose your frame. To do this, half-press the shutter button to lock focus and exposure. Adjust your composition, and then fully press the shutter button to take the photo.

For portrait shots frame your subject within this area of the viewfinder.



For landscape shots frame your subject within the whole viewfinder.



Be careful not to cover the flash or photo eject slot with your fingers.

4. Press the shutter button

After shooting, the photo will eject from the slot at the front of the camera. You will see that the photo is covered with a film shield to protect it from light. Please don't pull on the film shield.

5. Remove the photo

Leave your photo under the film shield for about 5 seconds. Gently lift the film shield so it rolls back into the camera. Remove the photo and place it face down to continue shielding it from light as it further develops. And no matter what that song says, don't shake the photo! Check the back of the film packaging for the correct developing times.

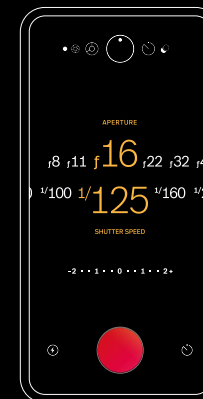
6. Turn the camera off

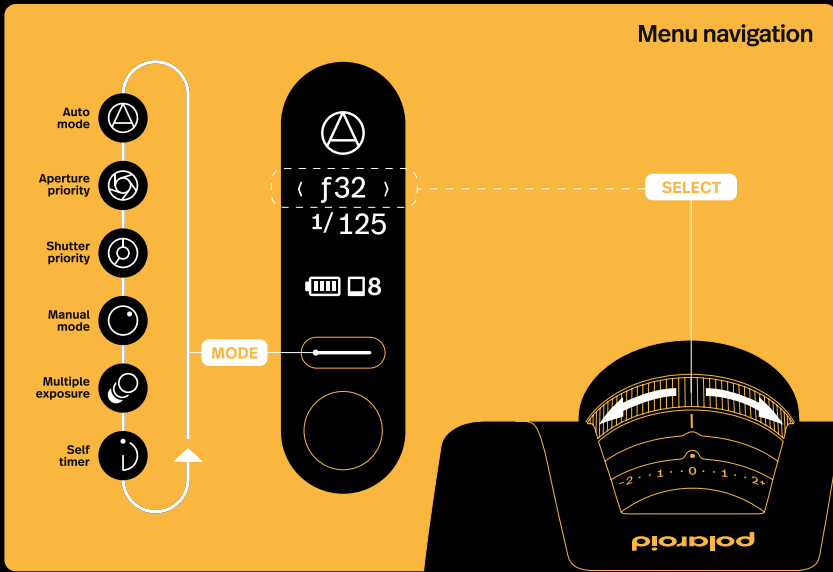
Press the ON | OFF button to turn off the Polaroid I-2 Camera.

Connecting to the app

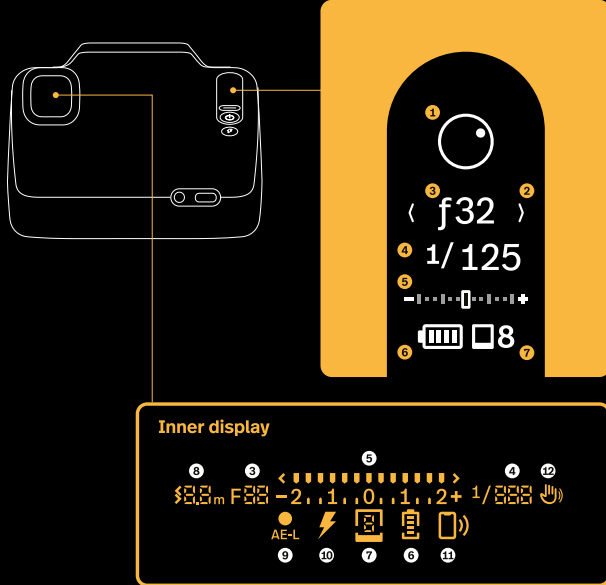
With the Polaroid I-2 camera, you can unlock extra creative tools inside the Polaroid mobile app. Download the app on your mobile phone from the Apple App Store or Google Play Store.

While the Polaroid I-2 works as a standalone instant camera, you can download the Polaroid App to access more features and gain even greater control over your photography.





Displays



- 1 Mode
- 2 Selection Dial Indicator
- 3 Aperture
- 4 Shutter Speed
- 5 Exposure Meter
- 6 Battery Level
- 7 Film Count
- 8 Focus Distance
- 9 Auto Exposure-Focus Lock
- 10 Flash On/Off
- 11 App Connected
- 12 Tripod Recommended

Open the app and tap 'I- 2' from the menu. A permission message will pop up. Tap 'OK' to confirm. The Bluetooth® connection is made automatically through the app, so there's no need to pair the camera with your phone. Please note: this means the Polaroid I-2 camera will not appear in your phone's list of Bluetooth devices.

Menu Navigation

The Polaroid I-2 has different built-in shooting modes. Go to the camera's menu and navigate multiple possibilities depending on the picture you want to take. When clicking on the mode-OK button (M) you can go from auto mode to self-timer mode (each click indicates a new mode). Choose your preferred mode and wait 3 seconds for the camera to set up the right functions. Within the mode you have chosen, you can further finetune your preferences by using the selection dial (J). Each mode will be explained in the section Different modes explained.

Displays

There are 2 displays on the Polaroid I-2: the inner display/viewfinder (S) and outer display (L). The combination of the two displays will tell your more about your settings, but also about the object's distance and light metering.

Outer display

The outer display will guide you through the settings of the camera. You can select different modes and change settings before making the picture. The outer display will tell you which mode (1) you're in, the values of your aperture (3) and the shutter speed (4), the exposure meter values (5), the battery level (6) and the film count (7). When half-pressing the shutter button (B), the camera will also show you the subject's distance.

Inner display

The inner display (S) is displayed below the viewfinder. When half-pressing the shutter button (B), the camera will lock exposure and focus on the subject. The camera will give you all the necessary information on both the outer display and the inner display, so you don't have to look up when taking a photo. When you half-press the shutter button (B), all locked values will show up in the display. Please validate the correct values before taking the picture. Some questions you can ask yourself:

Focus distance (8)

Is the object I want to have focussed on my picture really 1 meter (3.3 feet) away from me? If not – please reframe and auto-lock the values again. Your object might not be sharp on the picture, because the ranging meter caught something else in the frame.

Aperture (3)

What aperture value does my scene need? The lowest aperture value is f8, which means the aperture is the widest open as possible (which lets more light in). The lower the f number, the less depth of field you are creating in your picture. This is perfect for a portrait (with a more blurry background), but if you want the background to be more in focus (like in a landscape), it's better to use a bigger f number.

Shutter speed (4)

What shutter speed does my scene need? If you want to take a picture of a moving object, and don't want to show the movement, it needs a faster shutter speed (fastest is 1/250).

Exposure meter (5)

What light conditions does my scene need? Adapt the settings accordingly if you think you're picture will be too overexposed or underexposed.

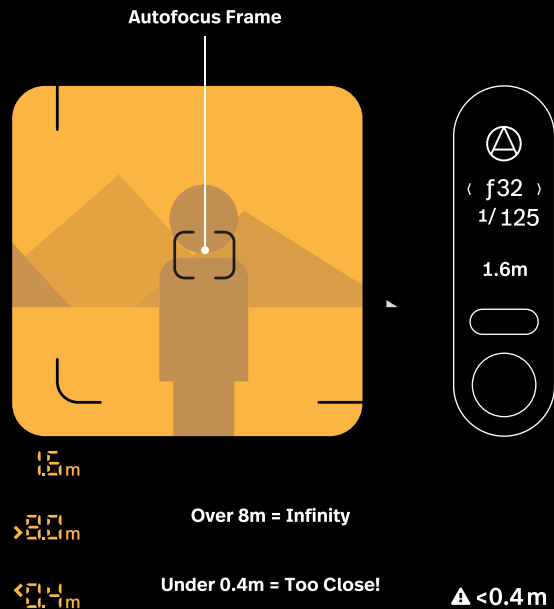
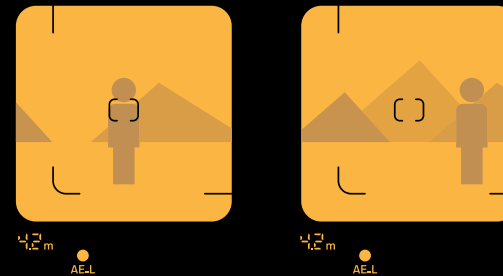
Tripod recommended (12)

Can I keep the camera stable enough myself or do I need a tripod? The handshake on the screen indicates you need to use a tripod for the settings you want to catch. Please use a tripod if you see this.

Flash (10) Does my scene really need flash or not?

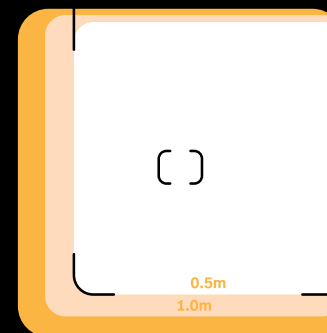
Focus Distance

Aim the center of the autofocus frame at your subject. When you half-press the shutter button, the focus / subject distance is shown on the inner and outer displays.

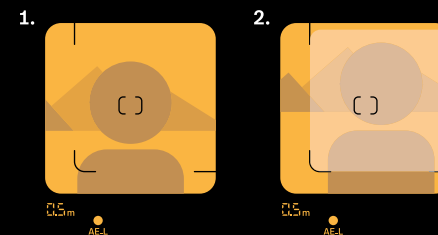
**Focus Exposure Lock**

Half-pressing the shutter button will also lock exposure and focus on the subject.

For an in-focus, off-center subject: keep the button half-pressed, re-aim the autofocus frame, and shoot.

Subject Framing

The whole viewfinder represents a photo framed at ∞ . When a subject is closer than 8m, you may want to ensure your subject is centered within the frame by **1.** locking focus and **2.** adjusting your framing.



Manual mode

Turning the selection dial (J) sets the aperture value first. The camera indicates it's on selecting the aperture with (< >) next to the f number. Clicking the mode-OK button (M) changes the selection indicator (< >) between aperture and shutter speed (you can always move back to aperture selection by clicking the button again). The shutter speed value can be selected by turning the selection dial (J) again. To leave the Manual mode and switch to the next mode, press the mode-OK button (M). All settings can be set manually in this mode. Correct your settings accordingly to make sure your picture is not under-/overexposed.

Multiple exposure

Turning the selection dial (J) sets the number of images combined for one multi-exposure. The camera can set exposures from 2 to 4. The camera calculates the correct exposure for the given number of exposures and indicates the values when half-pressing the shutter button. Please note: once the number of exposures is determined and the first shot is taken, the number of exposures cannot be changed anymore. Only when the multi-exposure picture is fully taken and the film ejects, the film count decreases. On the camera itself, it is only possible to use the automatic mode with multiple exposure. Use the Polaroid mobile app for more creative freedom and to change the different settings in the multiple exposure mode.

Timer

Turning the selection dial (J) sets the delay for the self-timer. The camera can set up self-timer values of 3, 6, 9 and 12 seconds. When you half-press the shutter button, the screen shows the aperture and shutter speed values. On the camera itself, it is only possible to use the automatic mode with self-timer. Use the Polaroid mobile app for creative freedom and to use the self-timer with all different modes. When pressing the shutter button to shoot, the self-timer is activated. When pressing the shutter again,

you can cancel the self-timer that has started.

Errors

The camera will show different symbols for different errors that might occur. If you see a certain error notification showing on the outer display, follow the instructions below in order to solve the error. The notification will only disappear from the display when the error is solved.

Critical errors that will block the usage of the camera

Battery critical

Before using the camera, please charge your camera with the delivered USB-c cable.

Film jam

The film is jammed inside the camera and will not eject when you press the shutter button. Please visit support.polaroid.com for help on how to resolve film issues.

Film door open

Please make sure the film door is closed correctly by closing it with a click. To change film type, while the film door is open, press the mode-OK button, then use the selection dial to scroll between compatible film types (I- type, SX-70, 600), and press mode-OK to select the desired film type.

Overheat

Your camera can be overheated. Turn off the camera and wait a while to have it cool down. Turn the camera on again after 5 minutes and see if it is cooled down enough.

Errors that will still let you use the camera when you press OK

Lens cap

The camera thinks your lens cap is still on or the camera detects a very dark scene.

Please check if your lens cap is still on or, in case of very dark scenes, if you're sure about taking the picture. If the latter is the case, please press OK by clicking the mode-OK button.

No film

Your film pack may be empty. Please refill it by opening a new film pack.

Low battery

You can still use your camera, but the battery is almost empty. Make sure to charge the camera immediately or as soon as possible after shooting your photo.

Charging

On the outer display a battery symbol indicates the battery level. To check the battery level, turn the camera on, and look at the symbol. The camera will indicate when the battery is low with below indicator. To charge the camera, plug the USB-c end of the charging cable into the side of the camera, and the other side into a USB-c wall charger (5V/1A). We don't recommend charging via a laptop or computer. A full charge through a wall socket takes about 2 hours. The battery level indicator will show when it is fully charged.

Cleaning

When you take a Polaroid photograph, the photo is pushed through two metal rollers. This is where the developer paste is spread between the negative and positive components of the photograph. If these rollers are dirty, the chemistry will not spread evenly, and can cause small marks on your developed photo. When your camera has no film, turn it off and open the film door. Look for these two metal rollers near the film eject slot. Position a soft, damp cloth over the rollers. Rotate the rollers by turning the black plastic gear. Wipe the cloth across

the rollers as they move. Be careful that the cloth doesn't cause a jam. Make sure the rollers are dry before you use your camera again. We recommend checking the rollers between every pack of film, and to clean them every 2-3 packs. To clean the lens, use a microfiber cloth. This will avoid scratches and material particles that may impact the quality of your photos.

Customer Support

We're here to help. Get in touch using the details below.

USA/Canada

usa@polaroid.com
+1 212 219 3254

Europe/Rest of World

service@polaroid.com
00 800 577 01500

Polaroid International B.V.

1013AP Amsterdam
The Netherlands

For more detailed and up-to-date information, visit polaroid.com/help.

Warranty

<https://www.polaroid.com/warranty-policy>

Technical Specifications

General

Dimensions

149.9mm (L) x 119.3mm (W) x 91.2mm (H)

Weight

563 grams (without film pack)

Operating Temperature

40–108°F / 4–42°C, 5–90% relative humidity

Compatible Film

Polaroid i-Type, 600, SX-70 Film

Battery

Lithium-Ion Polymer Soft-Pack Battery
950mAh, 3.7V

Materials

Outer Shell

ABS, PC, PMMA, Aluminum Alloy, Stainless Steel

Optical System

Shutter System

1/250 - 30s, and Bulb mode (up to 99hrs.)

Aperture

f8-f64

Lens

3-element lens with continuous autofocus system capable of f8 aperture across 0.4m (1.3') ~ ∞ range controlled via stepping motor

Effective Focal Length

98mm

Field of View

44° vertical, 43° horizontal
Center weighted single zone metering (60% metering coverage of optical FOV)

Flash System

Vacuum discharge tube
strobe range 2.5m @f8 / 8.2' @f8

App Enabled

Fully control your camera remotely
For iOS & Android

Device Interface Ports

USB Type-C charging input
2.5mm external flash sync. port

Display

Outer display and VF display for aperture, shutter speed, modes, film count, battery level, function display etc.
Outer: White(16 grayscale)
Inner ViewFinder: Mono LCM, yellow display with black background

Other

Tripod mount
Built in 49mm lens filter thread mount

Safety information

Caution Risk of electric shock – Do not open/Disassemble the motorized roller system

- Do not disassemble the device. Incorrect reassembly can cause electrical shock if the device is used again
- Do not immerse the device in water or other fluids.
- Do not operate the device in a high humidity environment or very dusty environments.
- Do not attempt to tamper with, adjust or remove the battery and/or the electronics located below the rollers behind the device's film door.
- Do not attempt to remove the door itself as it is connected electronically to the body of the device. Doing so is unsafe, will likely damage your device, and will void your warranty.
- Do not insert metal objects into the device.
- Do not insert any objects into the rollers or gears.
- Keep small children and infants away from device to avoid them being injured by the device's moving parts.
- Do not use or store the device near any heat source or any type of equipment that generates heat, including stereo amplifiers.
- Do not use the device near flammable or explosive gases.
- Do not charge the device if you notice any unusual odours, noise or smoke.
- Do not attempt to disassemble the film's battery or modify it in any way (if using 600-type film). If battery fluid gets in your eyes, immediately rinse your eyes with fresh, cold running water and seek medical attention immediately.
- Do not cover the flash.

Battery and Charger

- This device uses a custom lithium-ion battery that is non-removable and mounted inside the camera body. No other type of battery can be used. Battery replacement can only be done by authorized service centres. The battery will provide many years of service if properly used.
- Power consumption varies depending on the environment the device is used in and how the device has been stored. Used immediately after full charge, the battery energy will power the processing of up to 10 film packs.
- Once the battery energy falls below a certain level, the device will no longer process film. The display will show 'Battery Critical' and the front LED will turn red when it needs to be recharged. This is to avoid a photo getting stuck as it being processed through the roller system.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with the USB charging cable (provided). This usually takes 1-2 hours (can vary depending on usage).
- Charge the battery within an ambient temperature range of 0-45 C +- 5C / 32-113F +- 41F.
- The supplied battery charging cable has been tested to work with the Apple iPhone power adaptors. While it can be used in other USB ports e.g. computer, USB power adaptors, TVs, cars etc., correct operation cannot be guaranteed.

Usage Environment

- To protect the high-precision technology contained in this device, never leave the camera in the following environments for extended periods of time: high temperature (42C / 108F), high humidity, places with extreme changes in temperature (hot and cold), direct sunlight, sandy or dusty environments such as beaches, damp places, or places with strong vibrations.
- Do not drop the device or subject it to severe shocks or vibrations
- Do not push, pull or press on the lens surface.

Compliance

Important directions for using Lithium-Ion Batteries

- Do not throw into fire.
- Do not short circuit.
- Do not disassemble.
- Do not continue to use when damaged.
- Dispose correctly after use.
- Keep away from water.
- Do not charge when the temperature is below freezing.

EU Declaration of Conformity

Hereby, Polaroid International B.V. declares that the Polaroid I-2 analog instant camera is in compliance with the essential requirements of the Electromagnetic Compatibility Directive (2014/30/EU), Low Voltage Directive (2014/35/EU) and RoHS Directive (2011/65/EU) and other relevant provisions, when used for its intended purpose.

Hereby, Polaroid International B.V. declares that the radio equipment of this device, type: Polaroid I-2 analog instant camera is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.polaroid.com/cedecarationconformitypolaroidI2camera

FCC Compliance Statement

Contains FCC ID: A8TBM70ABCDEFH
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.

Caution The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

Note 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 generates, 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 technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada (IC)

Contains ID: 12246A-BM70BLES1F CAN ICES-003(B) / NMB-003(B)

This device complies with part 15 of the FCC Rule and Industry Canada license-exempt RSS standard(s). 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.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under portable exposure conditions. (antennas are less than 20 cm of a person's body).

The product is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the laws of the Member States relating to Radio Equipment Directive (2014/53/EU) and Electromagnetic Compatibility Directive (2014/30/EU)

Bluetooth ® version: 4.2
Radio frequency range and power: 2.402 GHz - 2.480 GHz, Max: 1.46 dBm

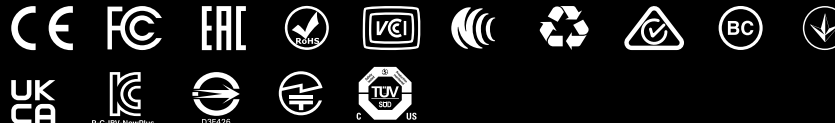
This symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.


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Polaroid International B.V.

1013AP Amsterdam

The Netherlands



 End of life disposal warning: When the product has come to the end of life, dispose of it in accordance with local regulations. This product is subject to the EU directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) and should not be disposed as unsorted municipal waste.

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