

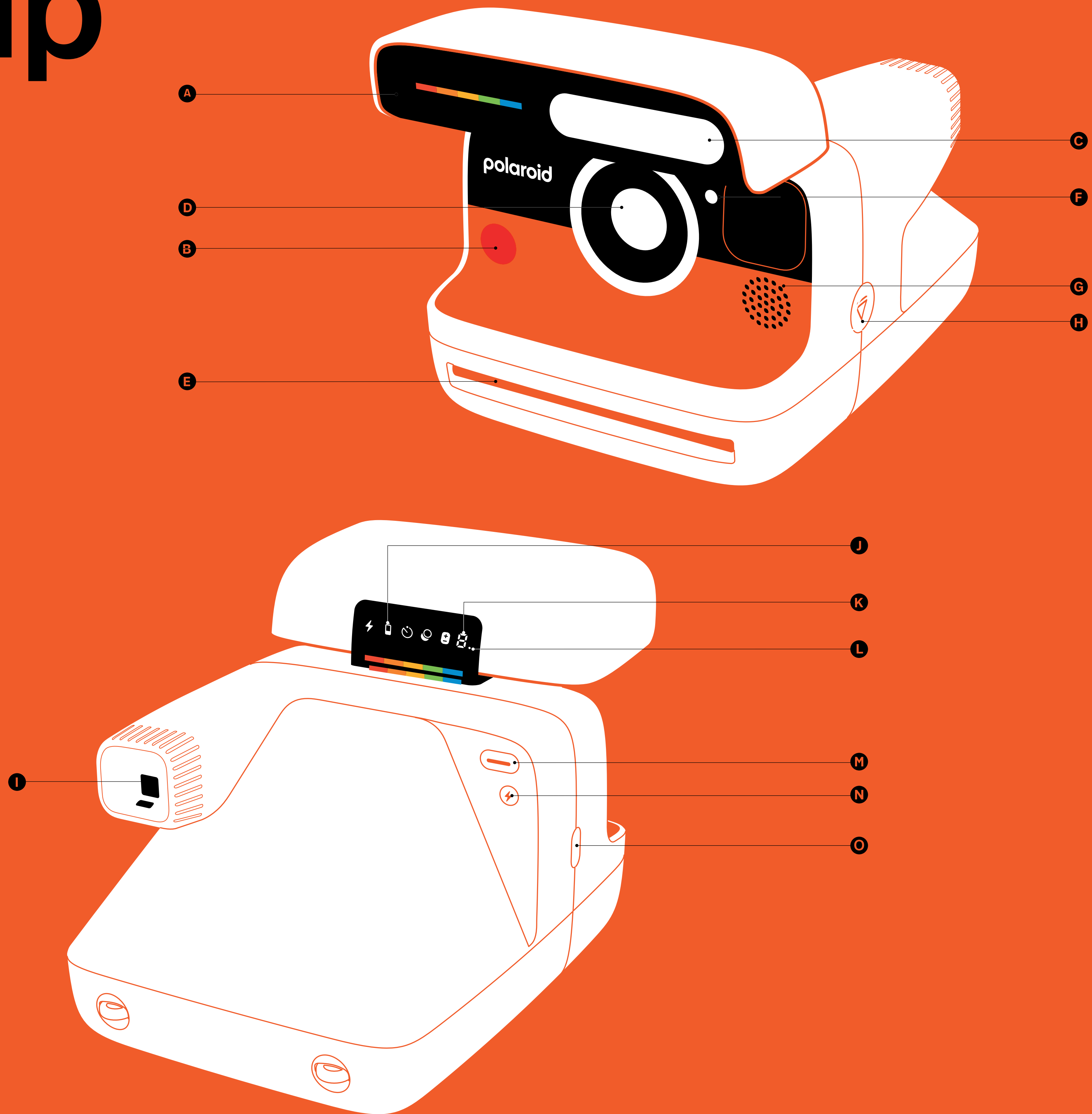
polaroid



Flip

User Manual

Flip



Camera Functions

- A** Protective Flip (On|Off)
- B** Shutter Button
- C** Flash
- D** Camera Lens
- E** Film Shield
- F** Self Timer LED
- G** Sonar Rangefinder
- H** Film Door Button
- I** Viewfinder with Exposure Warning:

○ Exposure OK

● Photo Under or Over-Exposed, Shooting Allowed

⊘ Subject Too Close, Shooting Blocked

- J** Battery Level Indicator (see "Charging")
- K** Film Count
- L** Connected to app
- M** Mode Button
 - Single Press for Self Timer
 - Double Press for Double Exposure
 - ⊕ Long Press For EV correction
- N** Flash ON | OFF
- O** USB-C Charging Port

Film Counter Display

Unlit → Camera is off

0 → No film

1-8 → Photos remaining

- → Darkslide is inside

1 → Exposure 1 of Double Exp.

2 → Exposure 2 of Double Exp.

c → Object too close

"door" → Film door open

"A" → Connecting to app

Getting Started

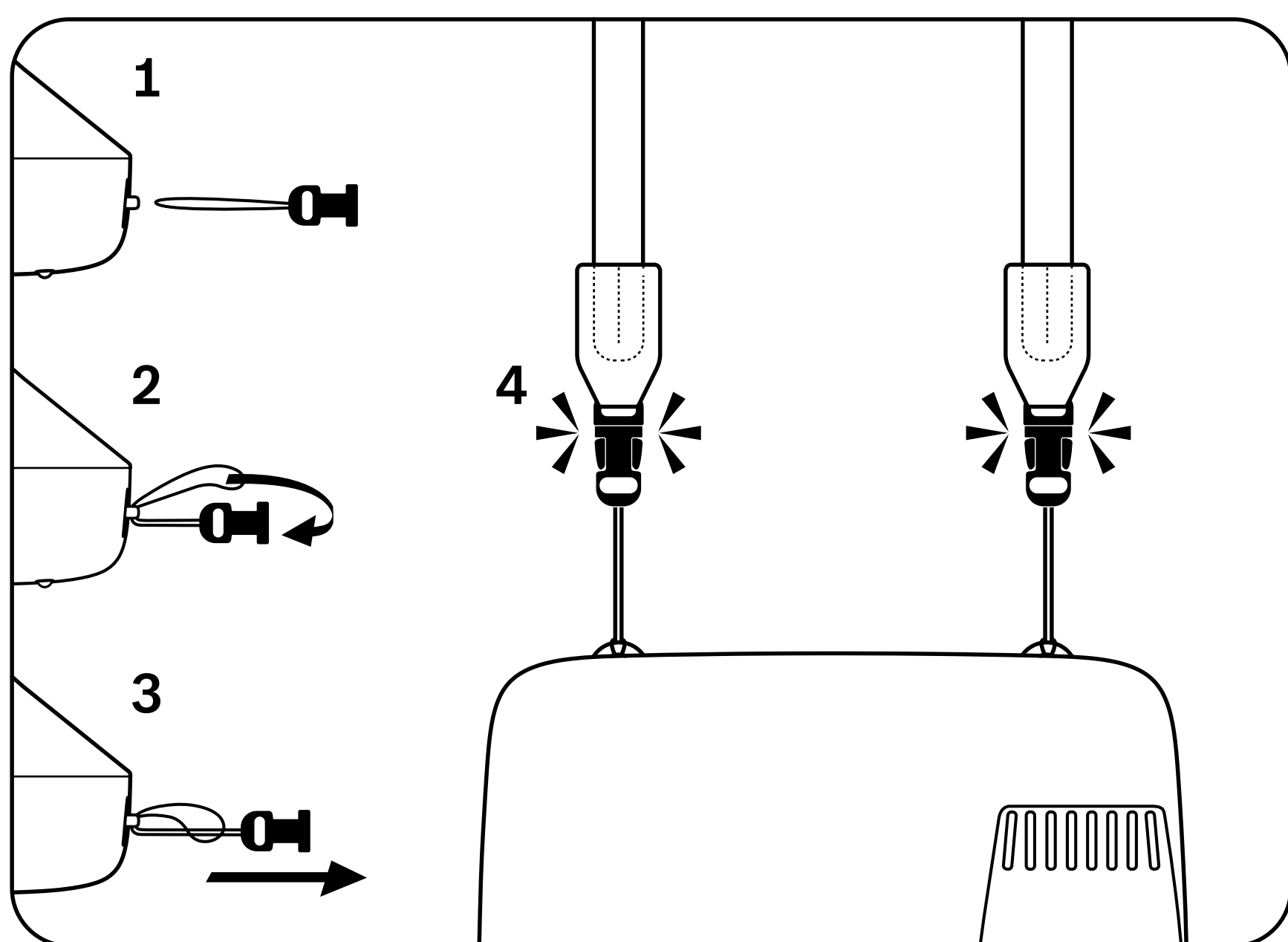
1. Open the Polaroid Flip box and check that you have everything you need:

- Polaroid Flip Camera
- Quick Start Guide
- Camera Shoulder Strap
- Safety & Compliance booklet

2. Charge your camera

For safe transportation, the Polaroid Flip won't be fully charged when you receive it. To charge it, you will need a USB-C cable (not included with the camera). Simply plug one side of the USB-C cable into the camera and the other side into the charging adapter (5V/1A). We don't recommend charging via a laptop. The battery icon on the display will blink while the camera is plugged in and charging. The icon will disappear once the battery is fully charged. A full charge through a wall socket takes about 2 hours and will give you enough power to shoot 15 packs of film, depending on usage.

3. Attach your shoulder strap



4. Find your instant film

This camera uses Polaroid i-Type (recommended) or 600 instant film.

How To Take Your First Photo

1. Turn on the Polaroid Flip camera.

Open the lid to turn on the camera. If the lid was already open, press any button to turn on the camera. The display will show how many photos are left. After unboxing, the counter should be at '0' because there is no film in the camera. Remember to turn off the camera by closing the flip lid when not using it to save battery. In any case, the camera will turn off automatically after 2 minutes of use. If the lid was left open during this time, simply press any button to turn the camera back on.

2. Make sure that your camera software is up-to-date

Download the Polaroid app on your smartphone from the App Store or Play Store. Once you have the app, open it and tap on "Flip" under the section "cameras". Tap the "..." icon on the top-right area of the screen to check if there is a new version of the software available. If available, press "update now" to start the update.

The update can take up to 2 minutes. Once complete, the camera will reset and is ready to take pictures.



3. Insert the film pack.

Press the film door button and pull the door open. Hold the film with the darkslide facing up. Slide the thin end of the cassette in first with the tab facing towards you. Push the cassette 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. 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 during the first seconds after they are ejected, to remove it simply gently lift it and it will retract back into the film slot. 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.

4. Aim the camera at your subject.

You're now ready to take your first photo.

Make sure you are at least 40cm (1'4") away from your subject. To aim at your subject, align your eye with the viewfinder and use the image you see to help compose your shot. Be aware that your photo will not reflect exactly what you see through the viewfinder. For subjects closer than 1.2m (5.24ft), adjust your aim slightly up and to the left. 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. Be careful not to cover the flash or the photo eject slot with your fingers.

5. Press the shutter button.

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

6. 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 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.

7. Turn the camera off.

Close the flip lid to turn off the Polaroid Flip.

Connecting to the app

With the Polaroid FLIP, you can unlock extra creative tools inside the Polaroid app. Download the Polaroid app to your mobile phone from the Apple App Store or Google Play store. Switch on Bluetooth® wireless technology. Open the app and tap 'FLIP' from the camera menu. A permission message will pop up. Tap 'OK' to confirm. The numerical display on the camera will show an "A" when connecting, followed by a dot "." which will stay on until the camera is disconnected from the app. The connection is made through the app, so there's no need to pair the camera with your phone. This means the Polaroid FLIP camera will not appear in your phone's list of Bluetooth® devices. The Polaroid FLIP camera is always ready to connect to the mobile app.

"A" → Camera is searching for the mobile app.

"." → Camera is connected to the mobile app.

Special Features

The Polaroid FLIP camera also has some creative tools you can access outside of the app.

Self-timer

Get everyone in the photo with the Polaroid FLIP self-timer. Press the MODE button once and the Self timer LED icon will light up. Once you have framed your photo, press the shutter button. The orange LED will blink to indicate the self-timer countdown. You have 12 seconds before the photo is taken. If you change your mind, you can cancel the self-timer by pressing the shutter button before the end of the countdown or simply turning off the camera. To exit self timer mode simply press the MODE button once again.

Double Exposure

Combine two exposures in the one photo with double exposure. Double tap the MODE button quickly to turn on double exposure. The double exposure LED icon will light up. The film counter display will blink '1'. You can now take your first exposure. It will then blink '2' as a signal to take your second exposure. To exit double exposure mode simply double tap the MODE button again.

Combining modes

The activation of each mode is indicated by the corresponding icon on the display. It is possible to combine several modes at the same time (for example, it is possible to take a double exposure with self timer + EV compensation + flash), just press the corresponding key shortcut (single tap MODE for self timer, double tap MODE for double exposure, long-press MODE for EV compensation, single tap FLASH for flash), in this case all the icons (except for the battery icon if the battery is charged or if the camera is not plugged in) will light up.

Scene analysis

The Polaroid FLIP is equipped with scene analysis to protect against overexposure, underexposure and out-of-focus shots. There is a red LED light inside the viewfinder to warn against these unwanted situations.

Scene analysis will light up this LED in a different way depending on the detected issue. It will turn solid ON when the camera is simply warning, and it will blink ON/OFF when the camera is inhibiting the shot.



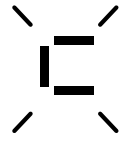
LED is solid ON while the shutter button is half-

pressed: This is the case when the camera is warning against overexposure (picture will come out too bright) or underexposure (picture will be too dark). It is possible to see what is triggering this warning (too bright or too dark) by looking at the display icons.

LED is blinking while the shutter button is half-




pressed: This is the case when the camera detects that the main subject is too close (closer than 40cm). In this case the picture is inhibited to avoid an out-of-focus picture

Exposure Indicator

-  → EV Icon + top line + VF LED: Overexposure (warning, picture can still be taken)
-  → EV Icon + bottom line + VF LED: Underexposure (warning, picture can still be taken)
-  → VF LED + "c" on the display (blinking): Too close. Picture cannot be taken.

Using the flash

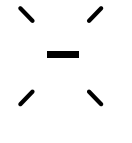

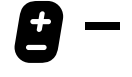

In any situation where you're not shooting in bright, direct sunlight, we recommend using the flash to get the best Polaroid photos. That's why the flash will trigger by default every time you press the shutter button. You can choose to disable flash by default by double tapping the flash button. When the camera restarts flash will be set back to ON by default.

-  → Flash ready.
Flash is always on, unless you disable it.
If disabled, press to turn on
-  → Flash off.
Press for <1 second to deactivate for the next shot
-  → Flash charging

Setting exposure value (EV)

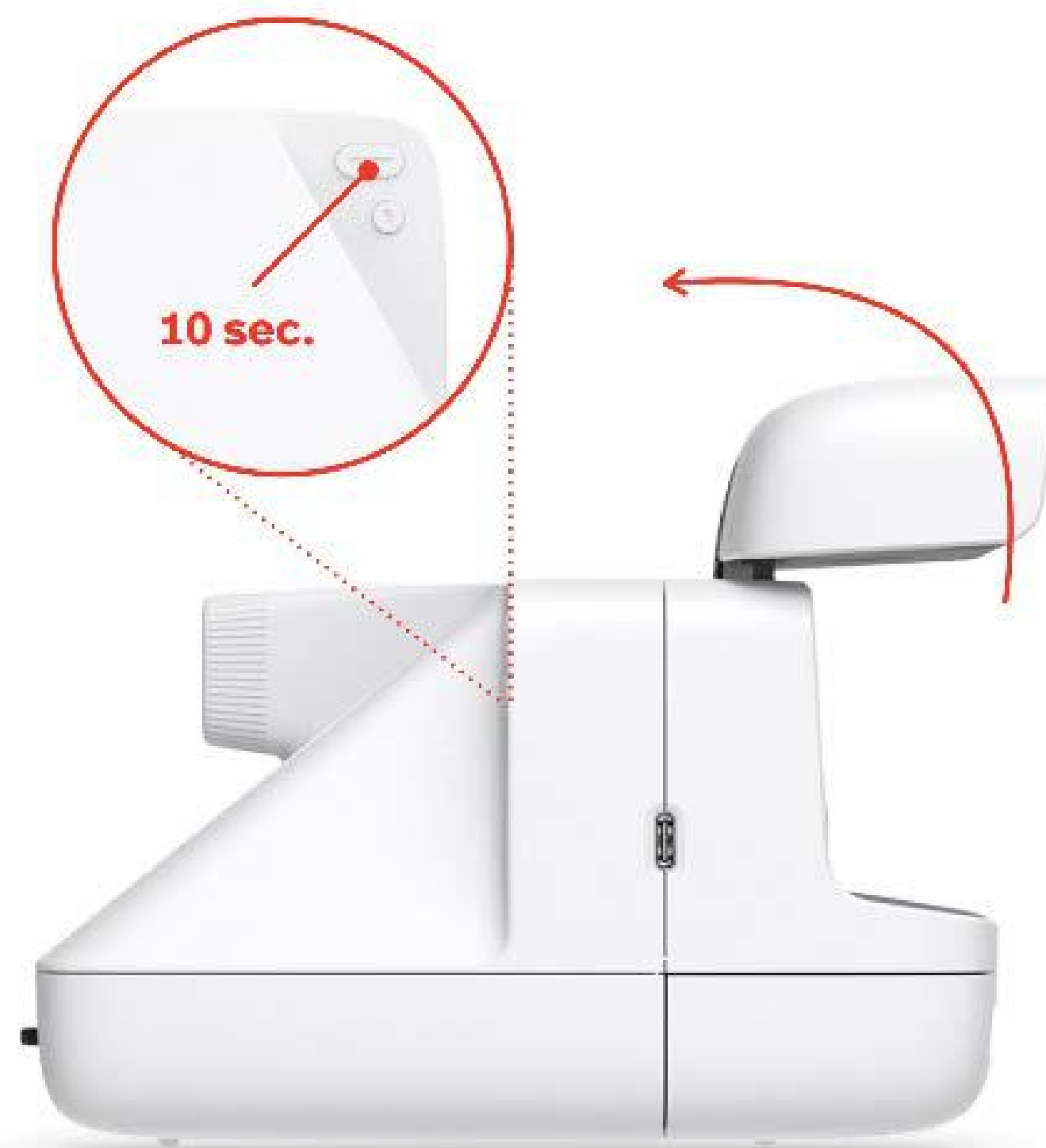
The MODE button also allows you to adjust the exposure value of the FLIP. Press and hold the MODE button to enter EV mode. The EV icon (+/- icon) will light up together with a small line on the film counter display. Press MODE again to toggle between brighter (+1/2 EV, shows a line at the top of the film counter), neutral (0 EV, shows a line in the middle of the film counter), or darker (-1/2 EV, shows a line at the bottom of the film counter). Once you have picked your EV compensation setting, press-and-hold MODE to confirm and exit the mode. EV compensation mode is also automatically exited after 7 seconds. After this, whatever EV compensation value was last selected has been saved.

EV icon

-  → Set EV compensation value while this icon is blinking
Press MODE to toggle between the 3 states:
-  → EV Icon + top line → +0.5 EV
-  → EV Icon + middle line → 0 EV
-  → EV Icon + bottom line → -0.5 EV

Force Eject

This feature allows you to eject a photo without exposure, eg. after the first exposure during a double exposure. To execute a force eject, with the camera closed, hold down the MODE button and, without releasing it, open the Flip lid. Continue to hold the MODE button for 10s to force eject the film.



Tips to take great photos

Light is your best friend when it comes to analog instant photography, so we recommend to almost always use the flash. The Polaroid Flip Flash reaches 4.5m, so if your subject is further, your flash photo may turn out too dark.


If you're outdoors and your subject is beyond the flash range, we recommend keeping the flash off. This will prevent the camera from adjusting its aperture, resulting in an underexposed photo.


If it's a sunny day outdoors, let the sun be your light source. Position yourself so the sun is behind you, face your subject side-on to avoid a shadow, turn the flash off, and keep the camera as steady as possible.

Charging

The second icon to the left of the display is the battery indicator to let you know the state of your Polaroid FLIP battery.

Battery Level Indicator

 → Low

 → Critical

If you want to get a more detailed battery reading, hold down the flash while turning on the camera (while opening the lid). The film counter display will show the battery level as a number between 1 and 9. Once the FLASH button is released the display reverts to the film count.

- 1 → Battery Flat
- 2 → 20% charged
- 3 → 30% charged
- 4 → 40% charged
- 5 → 50% charged
- 6 → 60% charged
- 7 → 70% charged
- 8 → 80% charged
- 9 → 90% charged

To charge it, plug one side of a USB-C cable into the camera and the other side into the charging adapter (5V/1A). We don't recommend charging via a laptop. The battery level indicator LED will blink while the camera is plugged in and charging.

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.

Troubleshooting

1. My Polaroid FLIP won't eject my photo or darkslide.

Make sure the camera is charged. The battery level indicator LED will blink red if it doesn't have enough charge to operate. If this is the case, recharge your camera then try again. Still having trouble? Check how many photos you have left. If the film counter display shows '0', this means that there is no film left.

2. The flash doesn't fire when I take a photo.

The Polaroid FLIP has a default flash, so it switches on as soon as you turn on the camera. If it's not firing, press the flash button for <1 second until you see flash button light turns on.

3. My photo turned out too dark.

There are a few potential solutions for this.

- If you're using the flash, make sure you don't accidentally cover it with your fingers.
- If you're shooting outside, avoid directing the camera towards the sun. Excessive light may cause the camera to overcompensate when exposing the photo, making it too dark.
- If you're taking photos inside, remember that the Polaroid FLIP has a flash limit of 4.5m (14.8ft). If your subject is beyond that, your photo may also turn out too dark. ·If you don't want to use the flash, find another light source.
- If you're half-pressing the shutter button to play with your composition, remember that half-pressing also locks exposure, not just focus. So the camera will base exposure on the first light reading.

4. My photo turned out blurry or fuzzy.

Make sure you are at least 40cm (1.31ft) away from your subject. When shooting, hold the camera steady (especially in low light conditions), use a strong light source to illuminate your subject, and keep your fingers away from the camera's sensors, which are positioned under the flash.

5. The film counter display shows the wrong number.

The display resets to '8' each time a new film pack is inserted. If a partially used film pack is inserted, the camera will display '8' and count down as each photo is taken. When you next insert a full film pack, the counter will correctly show '8' remaining photos.

6. I took the first shot of a double exposure photo, but I changed my mind.

Switch off your camera, and then press and hold down the shutter button. Switch on the camera again and the film count will display '-'. Continue to hold the shutter button for over 10 seconds until the film is ejected.

7. I've opened the film door by accident. Now what?

These things happen. Polaroid cameras and film packs are designed to prevent light leaks when the film door is opened. But if the film was exposed to direct, bright light there's a risk your photos may be damaged. Take a photo to remove it from the pack. Take another to see if the rest of your film is in good condition. If not, insert a new film pack.

8. My camera is behaving strangely.

What do I do?

It sounds like it may need a reset. To reset your camera, open the film door and the Flip lid and without closing them hold on "MODE" for >5 seconds

Can't find what you're looking for?

Browse our frequently asked questions.

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

You can find the warranty for the Polaroid Flip here: polaroid.com/warranty

Technical Specifications

General

Dimensions

Lid closed:

163.5 x 117.2 x 89.7 mm

6.44" x 4.61" x 3.53"

Lid open:

163.5 x 117.2 x 121.6 mm

6.44" x 4.61" x 4.79"

Weight

648g (22.86oz) without film pack

Operating Temperature

40-108° F / 4-38° C, 5-90% relative humidity

Compatible Film

Polaroid 600 and i-Type film

Battery

High performance lithium-ion battery, 750mAh, 3.7V nominal voltage, 2.775Wh

Materials

Outer shells

Polycarbonate + ABS plastics

Lens

PMMA

Optical System

Lens

4 zones Auto Switching Hyperfocal Optical System (Sonar Autofocus)

	Close-up Lens 1	Near Field Lens 2	Mid Field Lens 3	Far Field Lens 4
Focal length	94.17mm	97.75mm	101.4mm	106.99mm
Zone Range	0.4m-0.77m	0.77m-1.03m	1.03m-1.68m	1.68m-∞
Best Focus	0.65m	0.85m	1.2m	2.5m

Field of view

40.8° vertical, 39.4° horizontal

Shutter speed

1/200 - 1sec. (Preset)

1/200 - 30 sec. and Bulb mode (App Mode)

Aperture

Maximum f8.5 practical aperture, available apertures: f8.5 - f66.6 (depending on selected zone)

Flash System

Auto-Adjust Output Vacuum discharge tube strobe system

Safety Information

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

- Do not disassemble the device unless following authorized repairs guides published by Polaroid or authorized service providers using the recommended tools. The device can lose functionality if not fully disassembled and reassembled in accordance with these guidelines.
- 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 unless taking the precautions in authorized repair guides.
- 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 odors, 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 mounted inside the camera body and is user serviceable. Battery replacement can be done by authorized service providers or by following the repair guides published by Polaroid using genuine Polaroid replacement parts sold by authorized repair providers. 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 will power the processing of up to 15 film packs.
- Once the battery energy level falls below a certain level, the device will no longer process film. The LED will blink and signal when it needs to be recharged. This is to avoid a photo getting stuck as it is being processed through the roller system.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with a USB-C charging cable. This usually takes 1-2 hours (can vary depending on usage).
- Cameras have been tested to work with standard mobile phone power adapters. While it can be charged with other adapters e.g. computer power adapters, TVs, cars etc., correct operation cannot be guaranteed.
- When the device is no longer in use, please recycle it properly.

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 (+42° C/108° F), 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

1. Do not throw into fire.
2. Do not short circuit.
3. Do not disassemble.
4. Do not continue to use when damaged.
5. Dispose correctly after use.
6. Keep away from water.
7. Do not charge when the temperature is below freezing.

EU Declaration of Conformity

Hereby, Polaroid International B.V. declares that the Polaroid Flip 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.

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-BM70BLES1F2

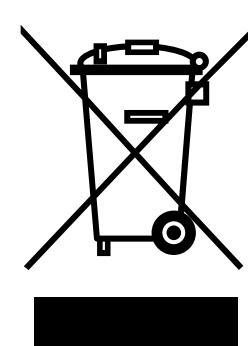
CAN ICES-003(B)/NMB-003(B)

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

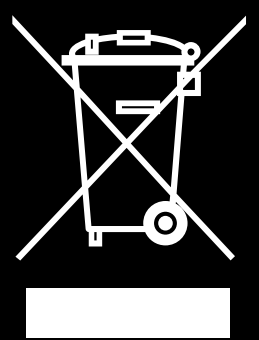
The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

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).



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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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 202/96/EC on Waste Electrical and Electronic Equipment (WEEE) and should not be disposed as unsorted municipal waste.

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