dopple LOOP

Product Information

Model: LOOP 01

Version: 0.5

Date: May 2025

1. Welcome to LOOP

Hi there! Welcome to LOOP, your very own handheld adventure tool. LOOP looks a bit like a magnifying glass, but it's actually a super-smart device that can help you explore the world around you. Use LOOP to discover fun facts about the things you see, record cool sounds, snap photos, find your way with a compass, and even collect special digital treasures.

LOOP is designed especially for kids ages 8 to 13, and it's made to be tough enough to travel with you outside, in the backyard, or even on a family hike. Whether you're using it to solve puzzles in a game, find your way on a map, or just capture the world around you, we hope LOOP helps you learn and have fun at the same time.

2. What's in the Box

- LOOP Device

- Quick Start Guide (printed)

- Safety & Warranty Booklet (printed)

Note: For charging, please use a compatible USB-C cable and a standard USB power adapter (not included)

3. Getting to Know Your LOOP

Identifying your LOOP

You can identify your specific LOOP model, manufacturing date, and other important information right on your LOOP by going to the *About* item under the Quick Menu settings.

Additionally, the handle base of your LOOP is also marked with an identifier that can be used to determine which model LOOP you have, as well as the manufacturing location and date. Please visit dopple.com/identifier for information on decoding the serial identifier.

Overview of LOOP Features

- Round Touchscreen: A bright, round 3.4" display that shows apps, games, maps, and more.

- Camera: Take photos and record videos.

- Microphones and Speakers: Record sounds, talk to LOOP's AI assistant, and listen to music or voice prompts.

- Buttons: A main button on the front, a trigger button on the back, and a power button on top.

- Color Flashlight: Use it to light your way, or even change colors for fun effects.

- Wi-Fi & Bluetooth: Connect to the internet and pair with headphones or speakers.

- Compass & IMU Sensors: Helps you know which way you're facing and enables the screen to always stay "upright" no matter how you hold it.

- Battery: A long-lasting battery so you can explore for hours, with a USB-C port located on the bottom of the handle for charging.

4. Getting Started

Charging Your LOOP:

1. Use a USB-C cable and a compatible power adapter (not included).

2. Plug the USB-C cable into the bottom of the LOOP and the other end into the adapter.

3. A battery icon will appear on the screen when charging. Once fully charged, you're ready to go!

Sleep Mode:

- You can put your LOOP to sleep by using the Sleep button in the Quick Menu.

- Your LOOP will also go to sleep by itself if no one is using it for a few minutes

- Tap any button on the LOOP to wake it up.

Turning LOOP On/Off:

- To turn on: Press and hold the power button on top until the screen lights up.

- To turn off: Press and hold the power button for about 8 seconds until the device turns off.

5. Using LOOP's Main Features

Navigating the Screen:

- Touch and swipe the display to move through menus.

- Press the front thumb button or trigger button to select items, take pictures, or start/stop recordings.

Using the Quick Menu

- Tap the top button to bring up the in-game Quick Menu

- Long press (<1 second) the top button to bring up the system settings Quick Menu. Here you will find various settings including volume and screen brightness, system controls for WiFi, Bluetooth, and others, plus important information such as serial number, regulatory, and compliance information.

Taking Photos and Videos:

- Open the Camera app.

- Aim LOOP at what you want to capture.

- Press the trigger button to snap a photo.

- Press and hold for a moment to start recording a video. Press again to stop.

Using the Flashlight:

- Turn on and off and control the brightness and color from the Quick Menu.

6. Connecting to Wi-Fi and Bluetooth

WiFi:

- Bring up the Settings panel with a long press (>1 second) of the Quick Menu button

- Select the *WiFi* menu item

- Choose your home's WiFi network and enter the password using the on-screen keyboard.

- Once connected, LOOP can help you explore the web-based features (if available) and interact with the AI assistant.

Bluetooth:

- Bring up the Settings panel with a long press (>1 second) of the Quick Menu button

- Select the *Bluetooth* menu item

- Make sure your Bluetooth headphones or speaker are in pairing mode.

- Select the device from the list on the screen to connect.

7. Caring for Your LOOP

Cleaning:

- Gently wipe the screen with a soft, slightly damp cloth.

- Avoid using harsh chemicals or soaking your LOOP in water.

Storing and Handling:

- Keep LOOP in a dry, cool place.

- The device is sturdy, but try not to drop it or hit it against hard surfaces.

- Make sure to keep the USB-C port clean and free of dust.

8. Important Information

Age Guidelines:

LOOP is designed for children ages 8-13. Adult supervision is recommended for younger users.

Battery Safety:

- Only use compatible chargers.

- Do not open the device or attempt to remove the battery.

- If LOOP seems damaged or the battery is not charging correctly, stop using it and contact support.

Choking Hazards:

- Keep small accessories and "Dops" out of reach of children under 3.

- Do not put small parts in your mouth.

See also Section 12, *Health and Safety Information,* for additional information.

9. Troubleshooting

Common Problems and Solutions:

- LOOP won't turn on: Plug the LOOP into a charger, and then try pressing and holding the power button for three seconds

- Screen is unresponsive: Restart LOOP by holding the power button for about 8 seconds.

- No sound: Check volume settings, ensure nothing is covering the speaker, and make sure there are no Bluetooth headphones or speakers connected.

Resetting Your Device:

If nothing else works, you can reset LOOP to factory settings in Settings > System Reset (you may need help from an adult for this).

10. Regulatory and Compliance Information

You can identify your specific LOOP model, manufacturing date, and review other important regulatory and compliance information right on your LOOP.

To access this information, follow these steps:

- Step 1: Bring up the Settings panel with a long press (>1 second) of the Quick Menu button
- Step 2: Scroll down and tap on the *About My Loop* menu item
- Step 3: Tap on the *Legal & Regulatory* item in the menu to review the information

This device complies with part 15 of the FCC rules and RSS-247 of Industry Canada. 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.

- FCC ID: 2BN2V-LOOP01

- IC: 33632-LOOP01

Additional Compliance:

- UL/IEC 62368-1 (Safe technology equipment)

- CPSIA and ASTM F963 (Toy safety standards)

- ISO 8124 (International toy safety)

- UN38.3 (Battery transport safety)

- RoHS (Restriction of Hazardous Substances)

- COPPA (Children's Online Privacy Protection Act)

11. Warranty and Support

Limited Warranty:

Details on warranty length, coverage, and limitations will be provided here.

Customer Support:

For help, please contact us at the dopple.com website, or by emailing help@dopple.com

We're here to help you make the most of your LOOP!

Thank you for choosing LOOP!

Keep exploring, stay curious, and have fun discovering the world around you.

Table: Specifications and Limits

Category	Specification	Typical Value
Power & Electrical	Input Voltage (USB-C)	5V DC ±5%
	Input Current (Charging)	Up to 2A
	Battery Capacity	~3200mAh (Li-ion)
	Battery Runtime	~3 hours (screen on, mixed usage)
	Charging Time	~1.5 hours (from 0% to 100%)

Processor & Memory	CPU	SM6225
	RAM	6 GB
	Storage	64 GB flash
Display	Size/Type	3.4" IPS Round Display
	Resolution	800 x 800 pixels
	Touch	Capacitive Multi-touch
Camera	Rear Camera	8 MP with Autofocus
Connectivity	Wi-Fi	2.4GHz / 5GHz, IEEE 802.11 a/b/g/n/ac
	Bluetooth	Classic + BLE
NFC	Protocol Support	Type 2 Tags (Read-Only)
Audio	Speaker Output (Max)	75 dB SPL @ 1m
	Microphones	3x Mics with Noise Reduction
Operating Environment	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
	Operating Humidity	10% to 90% RH (non-condensing)
	Storage Humidity	5% to 95% RH (non-condensing)
Altitude	Operating Altitude	Up to 3,000 m (9,842 ft) above sea level
Durability & Ingress	Water/Dust Resistance	IP65
Safety & Compliance	Battery Certification	UN38.3
	Safety Standard	UL/IEC 62368-1
	Toy Safety (Children)	CPSIA, ASTM F963, ISO 8124
Environmental	Hazardous Substance Compliance	RoHS

Note: All values are subject to change based on final design decisions, testing results, and regulatory approvals.

12. Health and Safety Information

Warning Statements

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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: Unauthorized modifications could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC rules and RSS-247 of Industry Canada. 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.

IC Warning Statement

Le présent appareil est conforme aux CNR Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

SAR Warning Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This portable products device type (FCC ID: 2BN2V-LOOP01) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the Limb is 0.07 W/kg and when properly worn on the body is 0.46 W/kg. This device was tested for typical body-worn operations with the back of the product kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the back of the product. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

5G WIFI Warning Statement

The device is restricted to indoor use when operated in 5150MHz~5350MHz to reduce the potential for interference.

UL Warning Statement

Caution - Risk of explosion if the battery is replaced by an incorrect type, including:
- Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.