PEP100

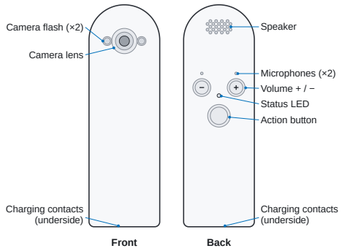
USER GUIDE

Avantis Education Limited
Model: PEP100

IN THE BOX

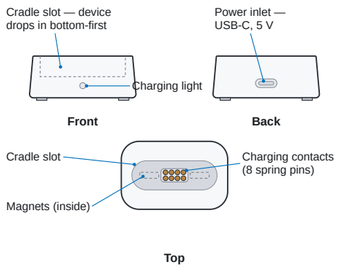
- PEP100 device
- Charging dock
- USB-C charging cable
- USB power supply (5 V, 1 A)

YOUR PEP100



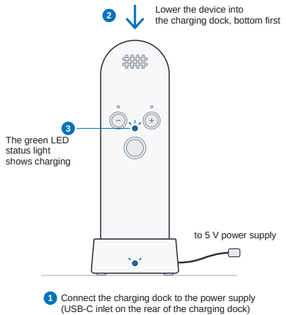
PEP100 is a screenless, voice-first learning assistant, held in the hand. The camera faces away from the user: the buttons, speaker and status light face the user.

THE CHARGING DOCK



The charging dock charges a single device. The spring-pin charging contacts are at the bottom of the cradle slot, the power light is on the front, and the USB-C power inlet is on the rear. Magnets inside the cradle slot hold the device in place. The charging dock's light is white whenever the charging dock has power — the device's own status light shows charging progress.

CHARGING



1. Connect the supplied charging cable and power adapter to the charging dock and plug into a power outlet.
2. Lower the device into the charging dock, bottom first — the magnets pull it into place. The device plays a rising two-note chime as it docks (and a falling one when you lift it off).
3. While charging, the device's **green LED status light** pulses; when the battery is full it turns steady. (The charging dock's own light is simply white whenever the charging dock has power.)

Charge time ~2hrs.

JOINING WI-FI

PEP100 joins Wi-Fi by scanning a QR code — the same Wi-Fi QR format that phones create and scan. Ask whoever runs your network for a Wi-Fi QR code, or make one on a phone.

1. **Click, release, then press and hold** the action button, and keep holding it. The status light pulses **purple** and makes a low-volume beep to indicate that it is scanning, and a loud beep when it locates the QR code.
2. Hold the QR code flat in front of the camera, about 10–20 cm away, with the whole code and a little white space around it in view. When the code is read, the device joins the network and remembers it.
3. Let go of the button — scanning runs only while it is held.
4. The status light will display a **slow white pulse** once the device is connected and has checked the connection works. It **flashes red** while there is no working connection.

BLUETOOTH

PEP100 also includes Bluetooth, which is always on. Other devices can search for and connect to it. There is no control to switch Bluetooth on or off on the device.

TALKING TO PEP100

1. **Press and hold** the action button and ask your question. The status light glows **steady orange**.
2. **Release** the button when you have finished speaking. The light **pulses blue** while PEP100 thinks.
3. The reply plays through the speaker while the light glows **steady green**.

Click the action button to cancel while it is thinking or speaking.

VOLUME

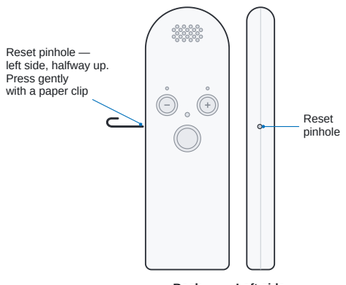
Press **+** or **−** to raise or lower the speaker volume, one step per press (10 steps). Each press plays a short tone at the new volume, its pitch rising with the level — so you can hear where you are. At the lowest setting the speaker is muted (the feedback still ticks quietly).

The setting is remembered, including through charging and reset.

STATUS LIGHT

Light	Meaning
White, slow pulse	Idle, Wi-Fi connected
Red, flashing	No Wi-Fi — scan a Wi-Fi QR code (see Joining Wi-Fi)
Orange, steady	Listening (button held)
Blue, pulsing	Thinking — waiting for the reply
Green, steady	Speaking through the speaker
Purple, pulsing	QR scanner running
Green, slow pulse (in the charging dock)	Charging
Green, steady (in the charging dock)	Fully charged

RESET



If the device stops responding, press the recessed reset button gently with a straightened paper clip. The pinhole is on the **left side** of the device, about 50 mm down from the top.

The device restarts immediately; your Wi-Fi networks and volume setting are kept.

SAFETY

- Charge only with the supplied charging dock, power supply and cable (5 V, 1 A).
- Charge indoors, in a dry place, between 0 °C and 35 °C.
- The battery is built in. Do not open the device or the charging dock; there are no user-serviceable parts.
- If the device or charging dock is damaged, stop using it.

FCC COMPLIANCE

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.

This device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
- Connect the device 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF warning for portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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