

# AI Stylus Pen A1 User Manual

Thank you for purchasing AI Stylus Pen A1. The writing function is compatible with iPads released after 2018. AI recording function works with mobile phones and tablets. Please read this manual carefully before use and keep it for future reference.

## Table of Contents

- 1 . Product Components Description
- 2 . Product Specifications
- 3 . Power On/Off & Device Connection
- 4 . Charging & Battery Indicator
- 5 . Core Writing Functions
- 6 . Replacing the Nib
- 7 . Recording & AI Smart Functions
- 8 . Sleep & Power- Saving
- 9 . Safety Warnings & Precautions
- 10 . Troubleshooting

## 1. Product Components Description

- Top Button: Long press for power on/off; double- click to start/stop recording
- Microphone: For audio recording
- Indicator Light: Shows device status, charging and battery level
- Type- C Charging Port: For charging
- Replaceable POM Nib: For touch- screen writing

## 2. Product Specifications

|Item|Parameter|

| ---- | ---- |

|Dimension|Length 165.5mm( $\pm 1$ mm), Diameter 9.0mm( $\pm 0.1$ mm)|

|Body Material|Integrated PC+ABS; Color: White|  
|Nib Material|POM, screw- in replaceable|  
|Battery|3.7V 130mAh Li- ion battery ( $\pm 5\%$ )|  
|Charging Port|Type- C|  
|Charging Parameter|DC 4.2V- 5.0V, charging current  $\sim 300\text{mA}$ ; charging time  $\sim 35$  mins|  
|Battery Life|Writing only  $\sim 16\text{h}$ ; Recording only 18-25h; Writing+Recording  $\sim 10\text{-}13\text{h}$ ;  
Standby  $\sim 180$  days|  
|Auto Sleep|Auto- sleep after 5- min idle; Wake-up on pick- up|  
|Storage|128MB local memory, support offline recording|  
|Compatibility|Writing for iPads after 2018; AI functions for phones & tablets|

> Note: Actual parameters subject to confirmed sample.

### 3. Power On/Off & Device Connection

#### 3.1 Power On / Power Off

**Power On:** Under power-off status, long press top button to power on. It supports wake-up-on-pick-up. The pen wakes automatically when picked up from sleep mode, no frequent button operation needed.

**Power Off:** Under power- on status, long press top button to power off.

#### 3.2 APP Pairing

Power on pen, open “Ainox” APP and complete account registration.

Tap “Add”  $\rightarrow$  “Existing Device” in APP and follow prompts to pair.

After first- time pairing, auto- reconnect on next power- on for immediate use.

### 4. Charging & Battery Indicator

#### 4.1 Charging Steps

Plug Type- C cable into pen, connect USB end to 5V power adapter.

- Charging: Red LED steady on

- Fully charged: Green LED steady on

When fully charged with steady green light, pen will auto power off.

## 4.2 LED Status

- Power-on but unpaired: Red & Green LED flash alternately
- Connected: Green LED steady on
- Low battery (<5%): Red LED fast flashing

## 5. Core Writing Functions

Supported iPad writing features:

- ✓Tilt-to-thicken
- ✓Full-screen palm rejection
- ✓Stable uninterrupted writing
- ✓Quick screenshot
- ✓Double-tap zoom-in
- ✓Wake-up-on-pick-up; auto sleep after 5-min idle for power saving

> Tip: Writing function works only for iPads released after 2018. AI recording-transcription works for phones and tablets.

## 6. Replacing the Nib

The nib uses screw-in design. Twist old nib counter-clockwise to remove. Screw new POM nib clockwise until tight.

## 7. Recording & AI Smart Functions

Operation: Double-click top button to start /stop recording

Mode1: Connected to Ainox APP (Online Recording)

Double-click to record. Audio saves in APP in real-time and syncs to cloud after recording.

Mode2: Offline Local Recording (No APP connection)

Without APP connection: double-click to start recording, green LED flashes fast. Audio is saved inside pen locally.

⚠ Important: Offline local recordings cannot be exported directly. You must connect to Ainox APP and complete 3-party security verification before files sync to APP and cloud for privacy protection.

#### AI Function List (work in APP)

Real-time recording-to-text, Real-time translation, File import & export, Audio editing, AI speaker diarization, Speech-to-text, Mind map generation, Intelligent summary, Key-point extraction, AI Q&A

## 8. Sleep & Power- Saving

Pen enters auto sleep after idle to save power.

Pick-up the pen to wake automatically, ready for writing without pressing button.

## 9. Safety Warnings & Precautions

Read full manual before using the product.

- 1 . Do NOT disassemble or modify this product.
- 2 . Never heat or burn the pen to avoid Li- ion battery hazard.
- 3 . Keep out of reach of children to avoid biting or swallowing small parts such as nib.
- 4 . Do not place into microwave oven or high- pressure containers.
- 5 . Use standard 5V adapter only; avoid non- compliant fast chargers.
- 6 . Avoid dropping or heavy pressure which may damage internal components.
- 7 . Stop using immediately if over- heating or strange smell occurs.

## 10. Troubleshooting

| Trouble | Suggestion |
|---------|------------|
|---------|------------|

|      |      |
|------|------|
| ---- | ---- |
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|                 |                                                         |
|-----------------|---------------------------------------------------------|
| Cannot power on | Check battery. Charge ~30min, long press button to boot |
|-----------------|---------------------------------------------------------|

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| Fail to pair APP | Use correct Ainox APP; toggle Bluetooth; restart pen and re- pair |
|------------------|-------------------------------------------------------------------|

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| Writing interruption | Confirm iPad model $\geq 2018$ ; tighten nib; wake pen again |
|----------------------|--------------------------------------------------------------|

|Cannot find offline recordings|Offline files store inside pen; sync only after APP security verification|

|No charging response|Check cable & adapter; clean dirt in Type- C port|

## **FCC Caution.**

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.

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

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.

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