neolab convergence R1 Neo Smartpen for Android iPhone and Laptop User Guide

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neolab convergence R1 Neo Smartpen for Android iPhone and Laptop

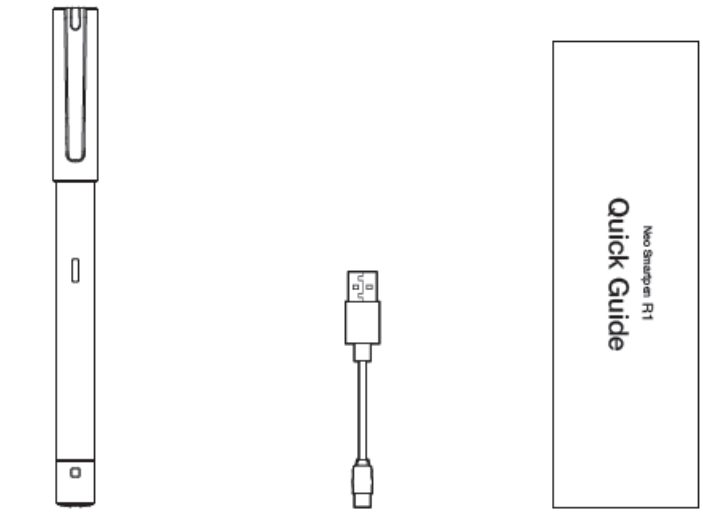
Product Usage Instructions

- **Charging the Pen**
  - Ensure the product is fully charged before use.
- **Pen Orientation**
  - Make sure the pen tip is facing upward when you hold the pen.
- **Recognition Angle**
  - The product’s acceptable recognition angle is -20~ +40. Ensure you hold the pen within this range for accurate recognition.
- **Replacing Pen Tip**
  - To replace the pen tip, insert it horizontally into the pen tip removal groove located on the upper part of the pen clip and pull it out.
- **App Connection**
  - Enable the device’s Bluetooth and GPS before opening the app. Open the app, allow necessary permissions, and follow on-screen instructions to connect the app to the pen. The LED will turn green when connected.

FAQs

- **How do I download the Neo Studio 2 app?**
  - You can download the app from the Google Play Store or the App Store by searching for “Neo Studio 2”.
- **What should I do if my handwriting is not recognized?**
  - Ensure you are holding the pen correctly within the acceptable recognition angle. Check that the pen tip is facing upwards and held at the right angle.
- **How long does the battery last?**
  - The pen offers a usage time of up to 14 hours, with 9 hours of continuous use. Ensure to charge it fully before use for optimal performance.

What’s in the box

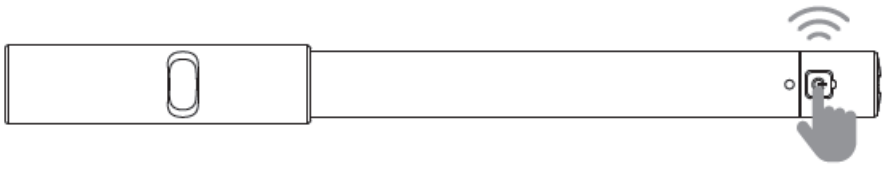


SMARTPEN Charging Cable Quick Guide

Get started

1. **Charge the pen**
    - Ensure the product is fully charged before use.

2. **Turn the pen on/off**
    - When the pen is fully charged, briefly press the Power button.
    - The pen will be turned on, as indicated by the LED.
    - To turn the pen off, press and hold the Power button for 2 seconds or longer.
    - The LED will flash in different colors before the pen is turned off.
    - The pen will be automatically turned off after 20 minutes of inactivity. (You can adjust the automatic power-off time in the NEO STUDIO app.)
    - In case the pen is not turning on, is not charged, or does not work, press and hold the power button for 10 seconds to reset the pen.

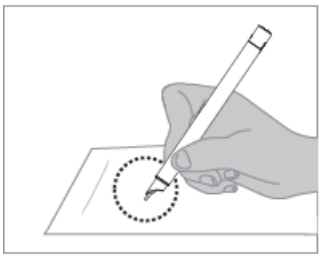


How to use

- The location of the optical sensor greatly affects recognition accuracy.
- Please note that your handwriting may not be recognized if you hold or use the pen at an incorrect angle or in the wrong direction.

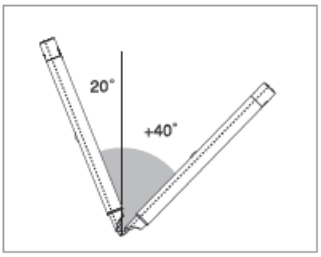
How to hold the pen correctly

- Make sure the pen tip is facing upward when you hold the pen.



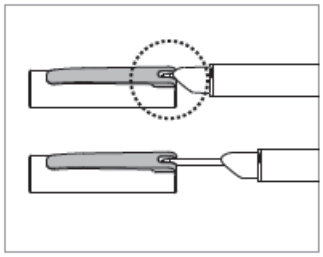
Allowable Recognition Angle

- The product’s acceptable recognition angle is -20~ + 40. (90 vertical standards).
- You can freely take notes with just the pen without connecting to the app.
- Once connected to the app, the data can be automatically transmitted.



How to replace the pen tip easily

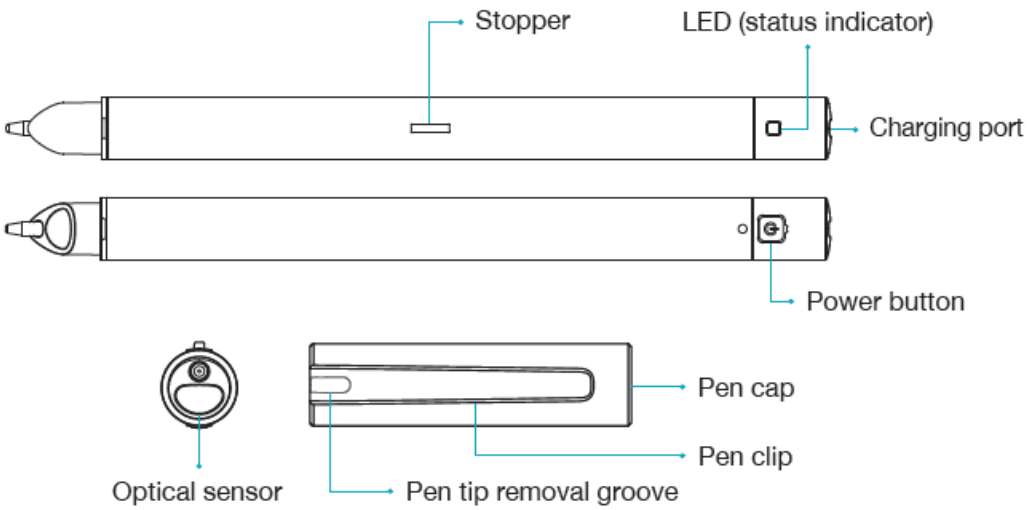
- When you insert the pen tip horizontally into the pen tip removal groove located on the upper part of the pen clip and pull it, it will come off easily.



Precautions

- This product has a built-in optical sensor. The recognition may not work correctly in direct sunlight, outdoors, or under infrared light.
- Ensure the optical sensor is not blocked.
- A strong impact on the pen tip may cause damage to the pressure sensor.
- Leaving the product in places with a strong magnetic field, high temperature, or under direct sunlight for a long period may cause severe damage to the product.
- When not in use, close the pen cap.
- Lightly remove any dust or dirt from the input sensor with a cotton swab.
- Disassembling and reassembling the product will lead to product malfunction.
- In such cases, the warranty period will be void.
- You must use the recommended pen tip that is compatible with the product. NeoLab Convergence is not responsible for any malfunction caused by noncompliance with this instruction.
- Parental supervision is required when children use this product.

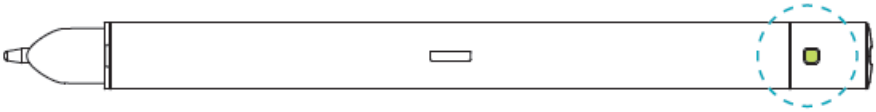
Part Name



Download Neo Studio 2 App & Pen connection

1. **Download the app**
   - You can download the Neo Studio 2 app from the Google Play Store and the App Store.

2. **App settings**
   - Enable the device's "Bluetooth" and "GPS(location) before opening the app."
3. **Connect the app to the pen**



   1. Open the app and allow the necessary permissions.
   2. Follow the on-screen instructions to connect the app to the pen.
   3. When the app is connected to the pen, the pen's LED will turn green.

LED indicator information

Status	LED color
Power on	Illuminating
Power off	Then light off
Charging	Blinking
Fully charged	Illuminating and then turned off
Low battery	Blinking
Connecting to the app	Illuminating
Low storage	Blinking
Updating firmware	Blinking
Firmware update failed	Blinking
Optical sensor or usage environment check	Illuminating

Specifications

Product name	SMARTPEN
Model name	NWP-F45
Connectivity	Bluetooth 5.0(BLE) / 2402MHz~2480MHz
Battery	Rechargeable Li-polymer 180mAh / 3.7Vdc
Storage	2MB memory
Rated input	5Vdc / 1A
Usage time	14 hours (9 hours of continuous use)
Size / Weight	Length: 149.5mm (without the pen cap) Thickness: 11mm / 15.6g (with out the pen cap)
Use environment	Storage temperature : -10~50°C / Relative humidity : ~90% / Operating temperature : 10~35°C
Ink refills	D1 type

FCC

FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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, this can be determined by turning the equipment interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to 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.

Caution

THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

IMPORTANT NOTE: FCC RF Radiation Exposure Statement This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

PRODUCT WARRANTY

Please contact the store where you purchased the product or NeoLAB Convergence for customer service/support.

- Model Name /NWP-F45
- Product No(Serial No.)
- Purchase Date
- Seller

Keep the product no. (serial no.) in a safe place as it is required for checking the product warranty period when requesting customer service/support. The product no. is attached to the surface of the product package.

Documents / Resources

[neolab convergence R1 Neo Smartpen for Android iPhone and Laptop] [pdf] User Guide
R1, R1 Neo Smartpen for Android iPhone and Laptop, Neo Smartpen for Android iPhone and L aptop, Smartpen for Android iPhone and Laptop, Android iPhone and Laptop, iPhone and Lapto p, Laptop

References

- User Manual

Manuals+, **Privacy Policy**

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