



NEO SMARTPEN

# Neo smartpen

## USER QUICK GUIDE

This is a quick user guide for first-time **Neo smartpen** user.  
Please refer to the following site for detailed manual

**[www.neosmartpen.com](http://www.neosmartpen.com)**

Support E-mail (English)  
**[support.eng@neolab.net](mailto:support.eng@neolab.net)**

Support E-mail (Korean only)  
**[support.kr@neolab.net](mailto:support.kr@neolab.net)**

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유저 가이드 05

Product features and specifications in this user guide  
are subject to change without prior notice  
for performance improvement purpose.

유저가이드 상의 제품 특징 및 일부 사양은 성능 개선을  
위하여 사전 공지없이 변경될 수 있습니다.

# 1. How to use Neo smartpen

## (1) Charging the pen

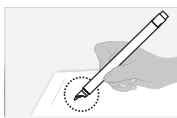
- Make sure to charge the product after the purchase as it may have low battery.
- The LED lamp will turn red while the battery is being charged. Once charging is complete, it'll change back to green.(If the battery is being charged with PC, PC will recognize the pen as a removable disk an the LED light turns violet.)

## (2) Power ON/OFF

- If you press the power button or put the pen tip on the paper, the pen will be activated with LED lights on within a second.(The Auto Power function is enabled when the pen is first connected to the App. You can change the setting in the App.)
- When the power is on, hold the power button for more than 2 seconds, and the power will turn off with flashing LED lights.
- If there is no action taken for more than 20 minutes, the power will be turned off automatically. (You can change the auto-power-off time in the setting. The longer auto-power-off time is set, the shorter pen usage time is available.)
- If you do not use this product for more than 10 seconds, it will automatically change to standby (low power consumption) mode to reduce battery power consumption.

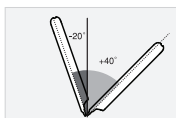
## (3) How to grip

The recognition rate is heavily affected by the direction of the optical sensor's angle. Sensor(oval shaped part adjacent to the pen tip) should face downwards. Deviating from the appropriate degree, or holding the pen in the wrong direction could cause difficulties with capturing your writing or drawing.



### Usage Angle















Hold the pen that does not cause pressure on the wrist and maintain a natural writing angle.



### Allowable Recognition Angle

Product's acceptable recognition angle is  $-20^{\circ} \sim +40^{\circ}$ .  
( $90^{\circ}$  vertical standard)

## (4) LED color status display

Status	LED Color
Power ON	 illuminating
Power OFF	 -  -  <sup>(1)</sup> Dimming
Being charged	 illuminating
Fully charged	 illuminating and then turned OFF
Low battery power notification	 Flashing
During USB connection	 Illuminated
Bluetooth connection standby	 Flashing
During App connection	 <sup>(1)</sup> Dimming
Low storage notification	 Flashing
During firmware update	 <sup>(1)</sup> Dimming
Firmware update failure	 Flashing
<sup>(2)</sup> Verify optical sensor or usage environment	 Illuminated (with alarms)

<sup>(1)</sup>Dimming : Indicates slowly getting dark and then bright while flashing.

<sup>(2)</sup>Check if there's any dirt around optical sensor or on papers.

## 2. Downloading NEO STUDIO App & Pen connection



NEO STUDIO™



### (1) Download the 'NEO STUDIO' to smart devices.

The app can be downloaded from Google Play and App Store.  
Please search for 'NEO STUDIO'.

### (2) App Setting

Enable the 'Bluetooth' and 'GPS' function of smart device.

### (3) App & Pen connection

- ① Please allow necessary permissions after running the app.
- ② Follow the on-screen instructions to connect the app and the pen and write in notebook.  
(The pen LED lights up white dimming when the app and pen are connected.)

## 3. Using without app connection

- Neo smartpen can be used when the mobile app is not running.
- The content that you write while the mobile app is off will be transferred later when the app and **Neo smartpen** are connected.

## 4. Notebooks & Stores

Find the perfect fit for among our wide range of notebooks.



**World**

[shop.neosmartpen.com](http://shop.neosmartpen.com)  
(except Latin America and Africa)

\* Pentips are D1 type which you can buy from any online or stationery store

## Product specification table

Model Name	NWP-F40
Wireless Connection	Bluetooth 4.2 (CLASSIC / BLE)
Receiving / Transmitting Frequency	2402 ~ 2480MHz
Antenna Output	3mW / Class 2
Storage Media	16MB of internal memory
Battery	Rechargeable Lithium Polymer Battery 3.7V / 260mAh
PC Connection Method	USB2.0HS (microUSB)
Usage Environment	Temperature: 10~35℃ / humidity: ~95%
Ink refills	D1 multi pen ink refills

\* Direct sunshine or any strong light may cause the loss of recognition of writing.

**-FCC Information to User**

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 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.

**-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.