

# NEO SMARTPEN

# MANUAL

english ver.

## 1. How to use Neo smartpen

### (1) Charging the pen

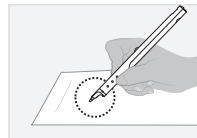
- Make sure to charge your pen before using.
- The LED light will turn red while the battery is being charged. When charging is complete, LED light turns green then OFF.
- If your pen is not used for a long period of time and becomes completely discharged, it may shorten the life of the battery. To best manage the battery life, charge the battery frequently.

### (2) Power ON/OFF & RESET

- Press the power button to turn the pen on.
- Auto Power function  
When you take the cap off or start writing, the pen will automatically be powered on. 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 pen is on, press the power button for 2 seconds, the LED light will start flashing and the pen will turn off.
- If there is no action taken for more than 20 minutes, the pen will turn 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 will be available).
- If you do not use the pen for more than 10 seconds, it will automatically change to standby mode (low power consumption) to reduce battery power consumption.
- To reset the pen to factory setting, press the power button for 10 seconds and the pen will power off and reset.

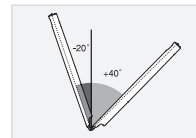
### (3) How to hold

The recognition rate is 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 and maintain a natural writing angle.



**Allowable Recognition Angle**

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

- Direct sunshine or any strong light may cause the loss of recognition of writing.
- Please be careful not to cover the optical sensor with fingers. If you do, your writing can not be recognized.
- Do not apply pressure to the pen lead.
- Storing pen without pen cap may cause degradation of functionality due to dust and foreign substance on the optical sensor.
- The pen cap should be placed on the pen if not in use and if dirty, please clean with soft cloth or cotton swab.

### (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                            |
| 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)           |
| Changing ink color after connecting to the App            | Change color dimming <sup>(3)</sup> |

<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 paper.

## 2. Neo Notes App

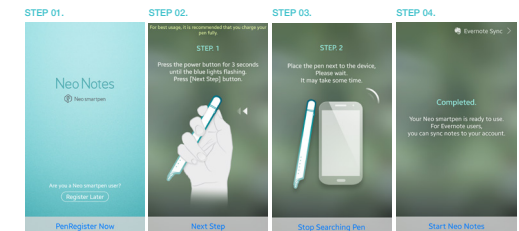


Neo Notes



- Smartpen works in tandem with mobile app "Neo Notes"
- The app can be downloaded from Google play, Apple app store or Microsoft store.
- Please search for "Neo Notes", "Neo smartpen" in the search bar to find the App

## 3. Registering Smartpen to mobile app



- STEP 01.** Enable the Bluetooth function of the smart device.
- STEP 02.** Run Neo Notes and tap the "Pen Register Now" button.
- STEP 03.** Please follow the instructions as shown in the app.
- STEP 04.** When the pen has been successfully registered, the Pen Registration screen appears in the App. Now, press "Start Neo Notes" button and start writing on N notebooks.

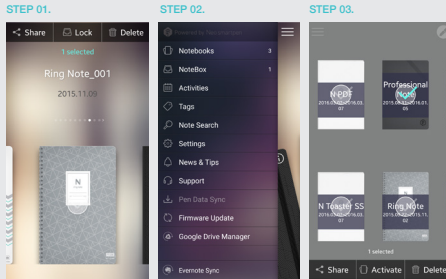
## 4. Using without app connection (Pen is powered on)

- 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

## 5. How to use Neo Notes (Functions may differ depending on application version.)

### (1) NoteBox

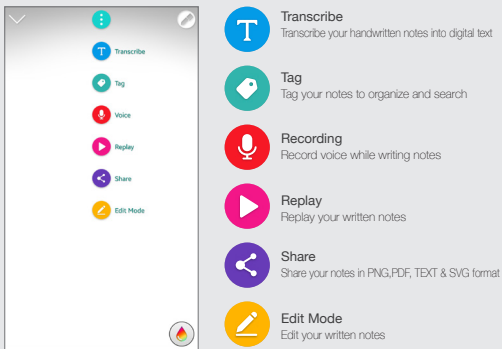
- Use notebook "Lock" function if you want to use the same type of notebooks at the same time.



- STEP 01.** Long tap on the notebook that you wish to lock, then the 'Share','Lock' & 'Delete' button will appear
- STEP 02.** Select 'Lock' button to move your notebook to NoteBox
- STEP 03.** You can unlock the notebooks anytime.

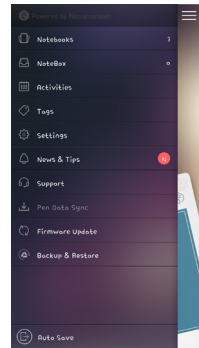
### (2) Using button

- Press button on your note page to see.



### (3) Pen preference settings

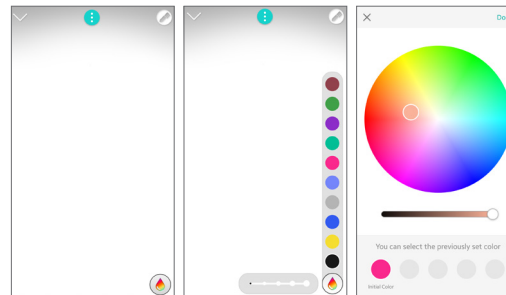
- Press button to see pen setting menu.



- Notebooks**  
Check your current notebooks
- NoteBox**  
Check Your locked notebooks
- Activities**  
Find your notes by date
- Tags**  
Search tagged pages
- Note Search**  
Search transcribed text
- Settings**  
Select your pen & app settings
- Support**  
Have a question?
- News & Tips**  
Check latest news & updated tips
- Pen Data Sync (Transfer)**  
Transfer stored writing data to the app
- Firmware Update**  
Update pen's firmware to the latest version
- Backup&Restore**  
Backup&Restore your notebooks (Configurable after connecting with Google Drive in 'Backup&Restore' under 'Settings')

### (4) Color & Thickness

- You have various pen colors and thickness settings to choose from in the app.



- Tap on icon, then a color palette will open and select a thickness and color (while the smartpen is connected to the app)
- Tap anywhere outside the palette to make it disappear.

## 6. Notebooks & Where to buy

Select from a wide range of notebooks.



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

\* Partips are D1 type which you can buy from any online or stationary store

## Product specification table

|   |   |                          |  |
|---|---|--------------------------|--|
| <b>Model Name</b>                         | NWP-F51   |                          |  |
| <b>Support</b>                            | Supported OS / Bluetooth Specification  |                          |  |
|   | <b>OS version</b>   | <b>Bluetooth version</b> |  |
| <b>Android</b>                            | Kikkit 4.4 or higher  | 2.1 or higher            |  |
| <b>iOS</b>                                | iOS 8.1 iPhone 5 / iPad 3 / iPad mini / iPad Air 1) or higher   | 4.0 LE                   |  |
| <b>Windows</b>                            | Windows 10(OS build 10586 or higher)  | 2.1 + EDR                |  |
| <b>Wireless Connection</b>                | Bluetooth 4.2(CLASSIC/BLE)  |                          |  |
| <b>Receiving / Transmitting Frequency</b> | 2402~2480MHz  |                          |  |
| <b>RF Output Power</b>                    | 3mW / Class 2   |                          |  |
| <b>Type of emission</b>                   | F1D   |                          |  |
| <b>Storage Media</b>                      | 100MB of internal memory  |                          |  |
| <b>Battery</b>                            | Rechargeable Lithium Polymer Battery 3.7V / 280mAh  |                          |  |
| <b>Charging Time</b>                      | About 90 minutes  |                          |  |
| <b>Rated Input</b>                        | DC 5V/300mA   |                          |  |
| <b>Usage Time</b>                         | 125 days in standby mode, 6 hours for continuous writing  |                          |  |
| <b>Size and Weight</b>                    | Length: 149.6mm (without a pen cap),<br>thickness: 10.4~10.9mm / 17.6g (without a pen cap)                              |                          |  |
| <b>Usage Environment</b>                  | Temperature for storage (No operation) : -10 ~ 50 °C<br>Relative humidity : ~ 90%<br>Operating temperature : 10 ~ 35 °C |                          |  |
| <b>Ink refills</b>                        | D1 pen ink refills  |                          |  |

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



## PRODUCT WARRANTY

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

Neo smartpen provides guaranteed warranty in accordance with relevant laws of the specified country

### Product Warranty

|                          |              |
|--------------------------|--------------|
| Product Name             | Neo smartpen |
| Product No. (Serial No.) |              |
| Purchase Date            |              |
| Seller                   |              |
| Purchase Price           |              |

\* 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 on the surface of the product package.

### **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 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **IC Information to User**

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device

Le présent appareil est conforme aux CNR d'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 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 Marketing Name(PMN): Neo smartpen M1

Firmware Version Identification Number (FVIN): REV. 1.0