

NEO SMARTPEN dimo

User Guide



Preparation

Power ON/OFF

- * Press the power button; the LED light will be turned on in 1 second.
- * 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 10 minutes, the pen will turn off automatically. (You can change the auto-power-off time in settings.
Using a longer auto-power-off time will result in shorter usage time if the pen is frequently idle).

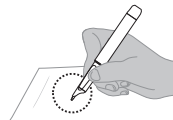


Reset

Please reset the pen if it does not turn off, won't charge, or stops working. To reset the pen to factory defaults, press and hold the power button for 10 seconds, the pen will be turned off and restart. (Internal data will be saved.)

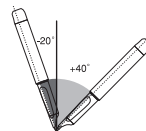
Holding the Pen

- * The recognition rate is affected by the direction of the optical sensor's angle. The 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° vertical standard)

LED Color Status Key

Status	LED Color
Power ON	 Solid
Power OFF	 -  -  -  -  -  -  -  ⁽¹⁾ Flashing
Low battery power	 Flashing
During App connection	 Solid
Low storage	 Flashing
During firmware update	 ⁽¹⁾ Dimming
Firmware update failure	 Flashing
Verify optical sensor or usage environment	 Solid (with alarms)
Changing ink color after connecting to the App	Change color dimming ⁽¹⁾

⁽¹⁾Dimming : Indicates slowly getting dark and bright while flashing.

⁽²⁾Check if there's any dirt around optical sensor or on paper.

Precautions

- Direct sunlight may cause the loss of recognition of writing.
- Please be careful not to cover the optical sensor with your fingers. Otherwise, your writing may not be recognized.
- Do not apply pressure to the pen tip.
- Storing pen without pen cap may cause degradation of functionality due to dust and foreign substances on the optical sensor.
- The pen cap should be placed on the pen if not in use and if the cap gets dirty, please clean with soft cloth or cotton swab.
- If you use a non-recommended ink refill, it may cause a recognition problem. NeoLAB is not responsible for any malfunction caused by this matter.
- If you write on the edge of the page where there is no code, your handwriting may not be recognized.

Installation

Downloading the App



NEO NOTES™

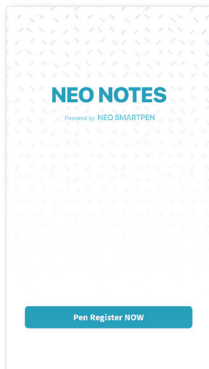
The app can be downloaded from Google play, Apple app store or Microsoft store.

Please search for 'NEO NOTES', 'Neo smartpen' in the search bar to find the app.



For Windows PCs

Please activate Bluetooth on the smart device. Run the downloaded NEO NOTES™.



Step 1

Press the power button for 3 seconds until the blue lights flashing. Press [Next Step] button.

For best usage, it is recommended that you charge your pen fully.



NEXT

Step 2

Place the pen next to the device, please wait. It may take some time.



Stop Searching Pen

COMPLETE

Your Neo smartpen is ready to use

Before starting with Neo Notes, adjust pen's calibration to match with your writing habit.



Start Neo Note

Experience your Neo smartpen on the page, practice writing below.

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

Modifications not expressly approved by the party responsible for compliance 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.

NOTE : 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. 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 UNDESIRE OPERATION.

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.

About the Pen

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.

Notebooks & Where to buy



· shop.neosmartpen.com

Specifications

Model name	NWP-F30	
Support		
		OS version
	Android	Lollipop 5.0 or higher
	iOS	iOS 8.1 or higher (iPhone5/iPad3/iPad Air1 or higher)
Bluetooth version	Windows	Windows 10(OS build 10586 or higher)
		2.1 +BDR
Wireless Connection	Bluetooth 4.2(CLASSIC/BLE)	
Receiving/Transmitting frequency	2402~2480MHz	
RF output power	3mW / Class 2	
Type of emission	F1D	
Storage media	2MB of Internal memory	
Battery	Alkaline battery / AAA x 1ea	
Rated input	DC 5V/300mA	
Usage time	6 hours 30 minutes for continuous writing /17 hours for typical writing	
Size&Weight	Length: 149.6mm(without pen cap)	
	Thickness : 10.4~10.9mm/17.6g(without pen cap)	
Usage environment	Storage temperature : -10 °C ~ 50 °C	
	Relative humidity : ~90% / Operating temperature : 10 °C~35 °C	
Ink refills	D1 type	