

NEO SMARTPEN R1

Neo Smartpen R1 User Manual

Model: R1 | Brand: NEO SMARTPEN

Digitize Handwriting | Digital Bluetooth Pen for Real Time Sync, Handwriting to Text Transcription, Export to e-Mail and Document

1. INTRODUCTION

The Neo Smartpen R1 is an innovative digital pen designed to seamlessly bridge the gap between traditional handwriting and digital convenience. It captures your handwritten notes and drawings in real-time, converting them into digital data that can be stored, edited, and shared across various devices and platforms. This manual provides comprehensive instructions for setting up, operating, and maintaining your Neo Smartpen R1 to ensure optimal performance.



Image: The Neo Smartpen R1 shown alongside a smartphone displaying digitized notes and a physical notebook with handwritten equations, illustrating its core functionality.

2. PACKAGE CONTENTS

Upon unboxing your Neo Smartpen R1, please verify that all the following items are included:

- Neo Smartpen R1 (Matte Black)
- USB Charging Cable
- Quick Start Guide
- Ink Refills (pre-installed or included separately)
- Neo Smartpen compatible notebook (may be sold separately or included in specific bundles)



Image: Two retail boxes for the Neo Smartpen R1, indicating typical product packaging.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and specifications of your Neo Smartpen R1.

3.1 Physical Components



Image: The Neo Smartpen R1 in an upright position, showcasing its sleek matte black design.

- **Pen Tip:** Standard ballpoint pen tip for writing on paper.
- **Optical Sensor:** Located near the pen tip, this sensor captures the unique patterns on Neo Smartpen

compatible paper.

- **Power Button/LED Indicator:** Used to power on/off the pen and indicates battery status and connection.
- **Charging Port:** 5 micro pin charging port located at the end of the pen.

3.2 Dimensions and Battery Life

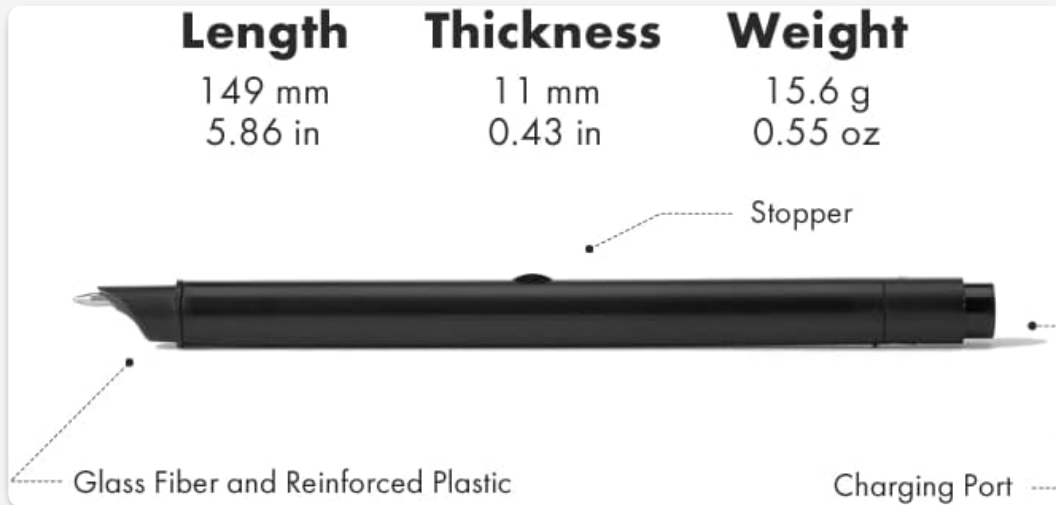


Image: A technical diagram detailing the physical dimensions (length, thickness, weight) and construction materials of the Neo Smartpen R1.



Image: A diagram highlighting the Neo Smartpen R1's battery life of 14 hours and its 5 micro pin charging port.

- **Length:** 149 mm (5.86 in)
- **Thickness:** 11 mm (0.43 in)
- **Weight:** 15.6 g (0.55 oz)
- **Material:** Glass Fiber and Reinforced Plastic
- **Battery Life:** Approximately 14 hours of continuous use.
- **Charging Time:** Approximately 80 minutes for a full charge.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your Neo Smartpen R1.

1. Connect the USB charging cable to the pen's charging port.
2. Plug the other end of the cable into a USB power adapter (not included) or a computer's USB port.
3. The LED indicator on the pen will show charging status (e.g., red for charging, green for fully charged).
4. A full charge takes approximately 80 minutes.

4.2 App Installation

The Neo Smartpen R1 requires the Neo Smartpen App for full functionality. Download it from your device's app store.

- For Android devices: Search "Neo Smartpen App" on Google Play Store.
- For iOS devices: Search "Neo Smartpen App" on Apple App Store.
- For Windows/macOS: Check the official NEO SMARTPEN website for desktop application availability and instructions.

4.3 Bluetooth Pairing

Pair your Neo Smartpen R1 with your smartphone, tablet, or laptop via Bluetooth.

1. Ensure your device's Bluetooth is enabled.
2. Open the Neo Smartpen App.
3. Turn on the Neo Smartpen R1 by pressing the power button. The LED will blink, indicating it's in pairing mode.
4. Follow the on-screen instructions in the app to connect to your pen. Select "Neo Smartpen R1" from the list of available devices.
5. Once connected, the LED indicator on the pen will turn solid blue or green, depending on the model and app status.

5. OPERATING INSTRUCTIONS

The Neo Smartpen R1 digitizes your handwriting as you write on special Ncode™ paper.

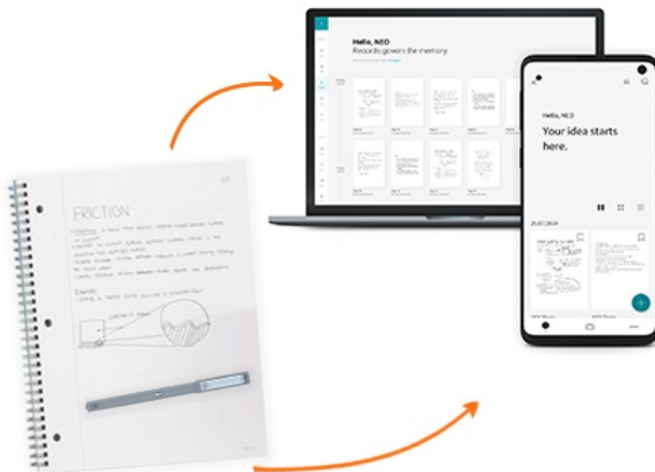
5.1 Digitizing Handwriting

Simply write on any Neo Smartpen compatible notebook or paper. The pen's optical sensor captures the unique Ncode™ patterns on the paper, translating your strokes into digital data in real-time within the app.

5.2 Real-time Sync and Offline Storage

Your notes are synced to your connected device instantly. If your device is not connected, the pen can store up to 20 A4 pages of notes internally, which will sync automatically once a connection is re-established.

Sync your notes to any device, any time



Save up to 20 pages in A4

Access all your notes from any device with sync feature.

You can sync notes to device and to Neo Cloud in real-time.

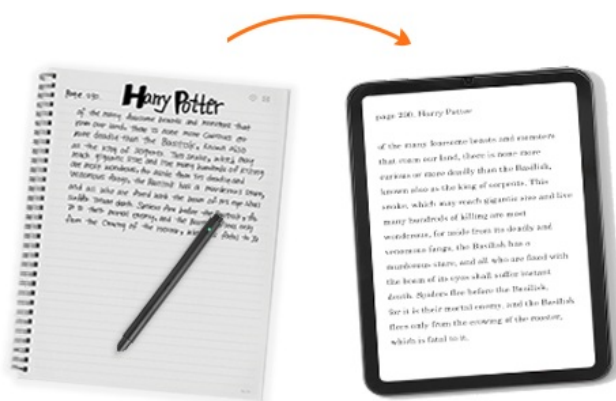
R1 can save notes which allows you to focus on the work at hand and to sync later.

Image: An illustration showing how the Neo Smartpen R1 allows notes to be synced and accessed across multiple devices, including a notebook, laptop, and smartphone.

5.3 Handwriting to Text Transcription

The Neo Smartpen App can convert your handwritten notes into editable typed text. This feature supports 35 languages, including English, French, Chinese, German, and Spanish.

Convert your notes to typed text



support 35 languages

Neo Smartpen R1 gives you the most intuitive digital notetaking experience.

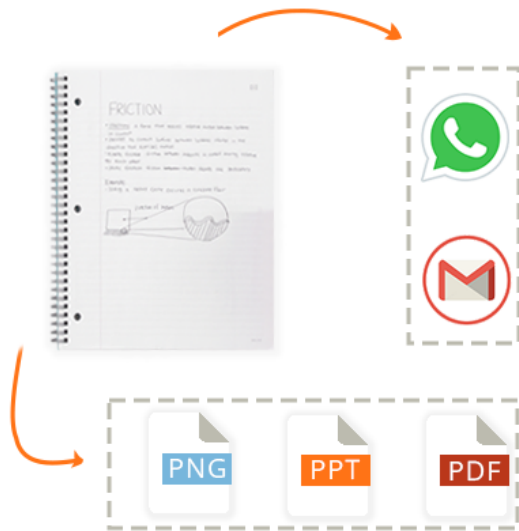
Convert handwritten notes on notebook to typed text with R1.

Image: A visual representation of the Neo Smartpen R1's capability to convert handwritten notes from a physical notebook into typed, editable text displayed on a tablet.

5.4 Editing and Sharing Notes

The Neo Smartpen App provides tools to edit your digitized notes, such as changing font color or deleting text/images. You can also export your notes in various file formats for sharing.

Quick Share & Export



Make the best out of your notes with export feature.

With Export, you can turn your notes into document or share them to email and messenger.

Share and export your notes PNG, PDF, PPT and more!

Image: An illustration demonstrating the quick share and export features of the Neo Smartpen R1, allowing notes to be converted into PNG, PPT, PDF, and shared via WhatsApp and email.

- **Supported Export Formats:** Text, PDF, JPEG, SVG (compatible with Adobe Illustrator), PNG, PPT.
- **Sharing Options:** Directly share via email, messaging apps, or cloud services.

5.5 Organizing Notes

Easily manage and retrieve your notes within the app using search and tagging features.

Search & Organize your notes easily



No more flip through notebooks.

Find your note easily just by typing keywords into search bar.

You can also group your note by subject and topic with Tag feature.

Image: The Neo Smartpen R1 app interface on a smartphone, demonstrating how users can easily search for notes by typing keywords and organize them using a tagging feature.

- **Search Function:** Find specific notes quickly by typing keywords into the search bar.
- **Tag Feature:** Group and categorize your notes by subject or topic for better organization.

6. MAINTENANCE

6.1 Cleaning the Pen

Wipe the pen's body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials, which can damage the finish or internal components.

6.2 Replacing Ink Refills/Nibs

The Neo Smartpen R1 uses standard D1 type ballpoint pen refills. When the ink runs out, gently pull out the old refill and insert a new one. Ensure the new refill is properly seated.

6.3 Battery Care

To prolong battery life, avoid fully discharging the pen frequently. If storing for an extended period, charge the pen to about 50% and store it in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your Neo Smartpen R1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pen not connecting to device.	Bluetooth off, pen not charged, app issue, pen not in pairing mode.	Ensure Bluetooth is on. Charge the pen. Restart the pen and app. Try re-pairing the pen in the app's settings.
Handwriting not digitizing.	Not using Ncode™ paper, pen not powered on, pen not connected, low battery.	Ensure you are using Neo Smartpen compatible Ncode™ paper. Power on the pen and ensure it's connected. Check battery level.
Transcription errors.	Unclear handwriting, incorrect language setting in app.	Write more clearly. Verify the language setting in the app matches your writing language.
App crashing or freezing.	Outdated app version, device compatibility issues, insufficient device memory.	Update the Neo Smartpen App to the latest version. Restart your device. Clear app cache or reinstall the app.

If the problem persists, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	6.03 x 0.43 x 0.43 inches (153.16 x 10.92 x 10.92 mm)
Item Weight	0.79 ounces (22.4 grams)
Color	Matte Black
Battery Type	1 Lithium Ion battery (included)
Battery Description	Lithium-Ion Polymer
Charging Time	Approximately 80 minutes
Battery Life	Up to 14 hours of continuous use
Compatible Devices	Tablets, Laptops, Smartphones (Android, iPhone)
Connectivity	Bluetooth
Offline Storage	Up to 20 A4 pages
Transcription Languages	35 languages

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The Neo Smartpen R1 comes with a limited manufacturer's warranty. Please refer to the warranty card included in your package or visit the official NEO SMARTPEN website for detailed terms and conditions regarding coverage and duration.

9.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact NEO SMARTPEN customer support through their official website or the support section within the Neo Smartpen App. Have your product model and purchase information ready when contacting support.

Thank you for choosing Neo Smartpen R1.

