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FLTIDUNDI Scan Reader Pen

FLTIDUNDI Scan Reader Pen User Manual

Model: Scan Reader Pen

Brand: FLTIDUNDI

1. INTRODUCTION

Welcome to the user manual for your FLTIDUNDI Scan Reader Pen. This device is designed to assist with language translation, text scanning, and intelligent recording, making it a versatile tool for students, professionals, and travelers. This manual provides detailed instructions on how to set up, operate, and maintain your device to ensure optimal performance.

Please read this manual thoroughly before using the device and keep it for future reference.



Image 1.1: The FLTIDUNDI Scan Reader Pen, a compact and portable digital translation device.

2. PRODUCT OVERVIEW

2.1 Key Features

- **OCR Scan Translation:** Supports text scanning in 55 languages with read-aloud functionality.
- **Photo Translation:** High-definition camera for translating text from images in 56 online and 4 offline languages.
- **Two-Way Voice Translation:** Real-time translation in 112 languages with high accuracy.
- **Intelligent Recording:** Functions as an audio recorder for interviews, meetings, and conversations.
- **Text Extraction:** Transfer scanned text to a computer for editing.
- **Electronic Dictionary:** Integrated Collins Dictionary for quick word lookups.
- **User-Friendly Interface:** 3.5-inch touch screen with eye-protecting UI and 12 interface languages.
- **Connectivity:** Bluetooth module for connecting headphones or speakers.
- **Accessibility:** Features like reverse scanning for left-handed users and support for dyslexia.

2.2 Device Components

Familiarize yourself with the various parts of your Scan Reader Pen:

Electronic Dictionary Pen

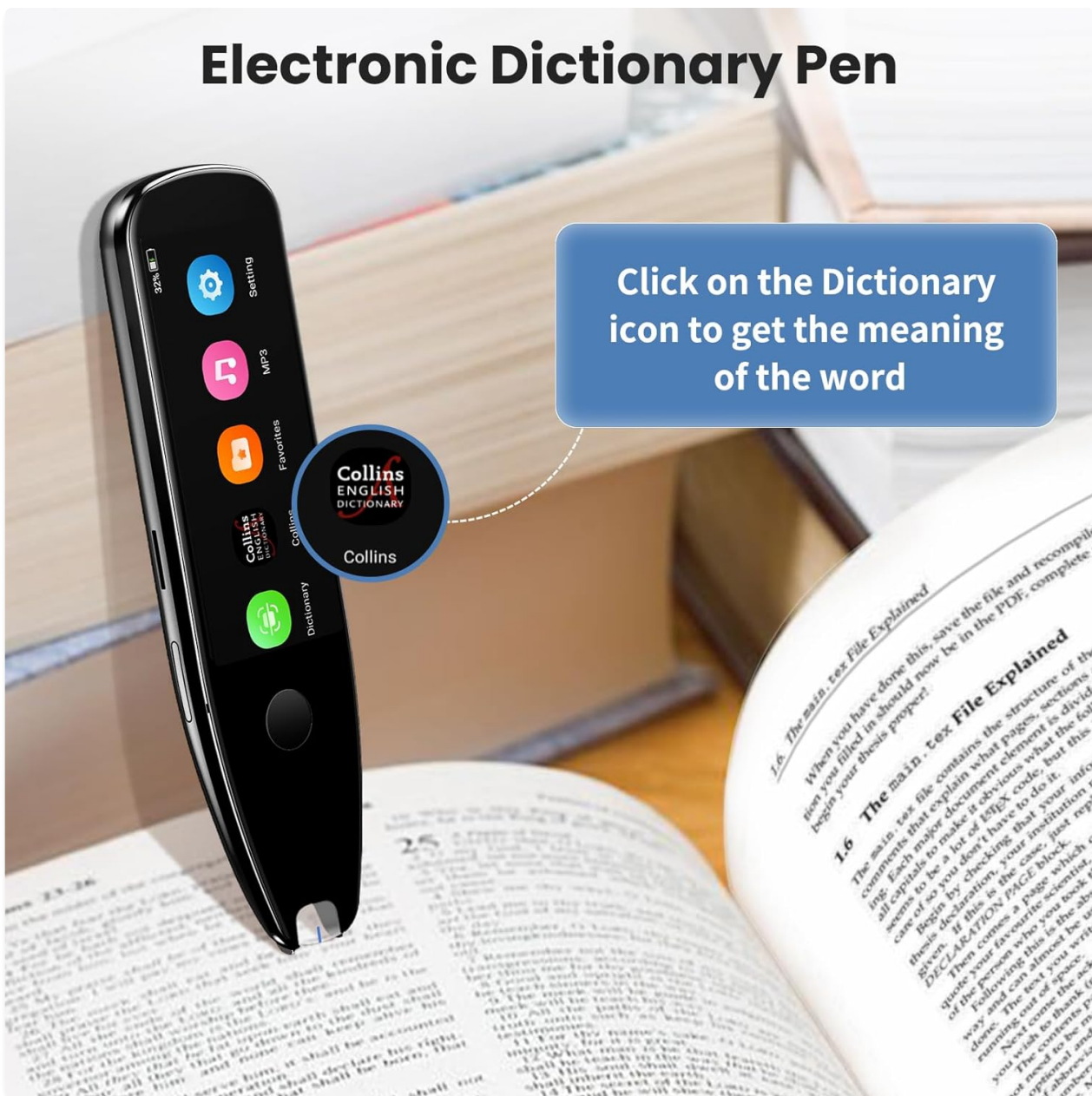


Image 2.1: Diagram showing the components of the FLTIDUNDI Scan Reader Pen, including the Type-C port, webcam, microphone, touch screen, memory card slot, voice buttons, power button, return/AI button, and scan head.

1. **Type-C Port:** For charging and data transfer.
2. **Webcam:** Used for photo translation.
3. **Microphone:** For voice translation and recording.
4. **Touch Screen:** 3.5-inch display for navigation and viewing results.
5. **Memory Card Slot:** For expandable storage (if applicable).
6. **Voice Red Button / Volume+:** Activates voice input, increases volume.
7. **Voice Blue Button / Volume-:** Activates voice input, decreases volume.
8. **Power Button:** Turns the device on/off and locks/unlocks the screen.
9. **Return Button / AI Button:** Navigates back or activates AI functions.
10. **Scan Head:** The optical sensor for scanning text.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the Scan Reader Pen. Connect the included USB Type-C cable to the device's Type-C port and the other end to a USB power adapter (not included) or a computer's USB port. The battery indicator on the screen will show charging status.

3.2 Powering On/Off

- **To Power On:** Press and hold the Power button until the screen illuminates.
- **To Power Off:** Press and hold the Power button, then select 'Power Off' on the screen.
- **To Lock/Unlock Screen:** Briefly press the Power button.

3.3 Initial Setup

Upon first power-on, you will be guided through an initial setup process:

1. **Connect to Wi-Fi:** Select your Wi-Fi network and enter the password. A stable internet connection is required for many translation features.
2. **Select Interface Language:** Choose your preferred language for the device's menu and interface.
3. **Perform Calibration:** Follow the on-screen instructions to perform a quick calibration swipe. This optimizes scanning accuracy.

3.4 Bluetooth Pairing

To connect Bluetooth headphones or speakers:

1. Go to 'Settings' on the device.
2. Select 'Bluetooth'.
3. Turn on Bluetooth and search for available devices.
4. Select your desired device from the list to pair.

4. BASIC OPERATION

4.1 OCR Scan Translation

This feature allows you to scan printed text and receive instant translation and pronunciation.

1. From the main menu, select the 'Scan Translation' icon.
2. Choose your source and target languages (e.g., English to Spanish).
3. Position the scan head over the text you wish to translate. Ensure good lighting.
4. Gently glide the pen across the text. The device will capture the text and display the translation on the screen.
5. Tap the speaker icon to hear the scanned text or its translation read aloud.



MULTI-LANGUAGE TEXT EXTRACTION

- (1) First select the required language, click the "Plus Sign" to start scanning.
- (2) After saving, you can choose to upload it to the computer, click the "Upload" icon, connect the translator to the computer via a USB cable, and find the saved text in the "Extract File".

Image 4.1: A user scanning text from a book with the FLTIDUNDI Scan Reader Pen, demonstrating the device's ability to capture and process printed words and display translations.

4.2 Photo Translation

Translate text from images using the built-in camera.

1. Select the 'Photo Translation' icon from the main menu.
2. Point the device's camera at the text you want to translate (e.g., a sign, menu, or document).
3. Tap the screen to capture the image. The device will automatically recognize and translate the text.
4. Review the translation on the screen.

SPEECH-TO-TEXT IN 112 LANGUAGES

After setting the language, long press the blue/red voice button on the side of the device, speak the corresponding language and release it, the screen will automatically display and broadcast the result.

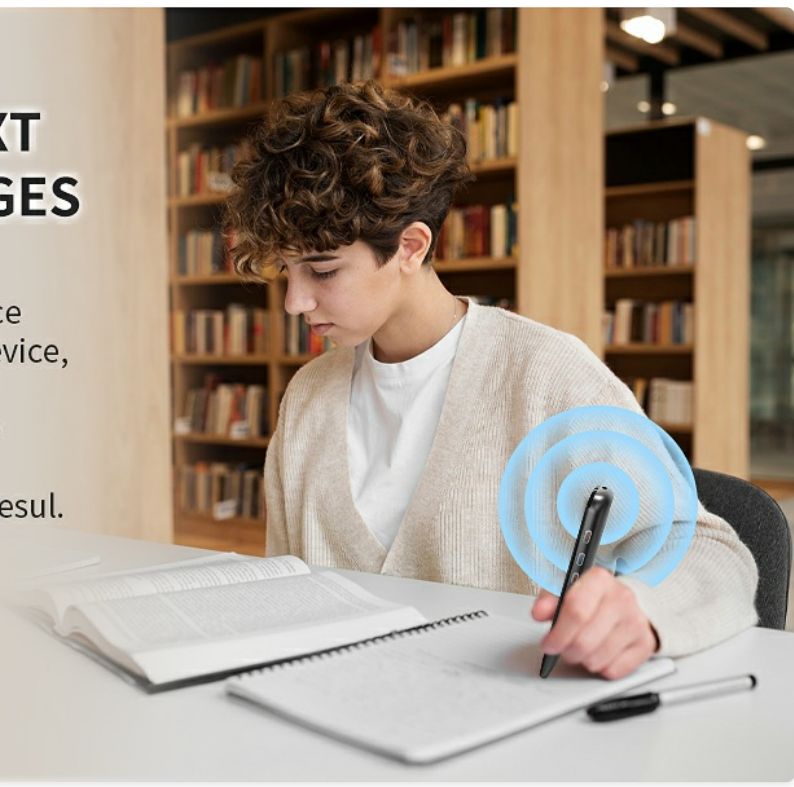


Image 4.2: Sequence of images illustrating the OCR recognition technology, showing how the pen captures text via its camera and displays the translated result on the screen.

4.3 Two-Way Voice Translation

Engage in real-time spoken conversations with this feature.

1. Select the 'Voice Translation' icon.
2. Set the two languages for translation (e.g., English and French).
3. Press and hold the Voice Red button (or Volume+) and speak your phrase. Release the button when finished. The device will translate and speak the phrase in the target language.
4. The other person can then press and hold the Voice Blue button (or Volume-) and speak in their language. The device will translate and speak their response.



Image 4.3: An image depicting a group of people in a meeting, with the FLTIDUNDI Scan Reader Pen displaying a two-way voice translation on its screen, indicating its use for real-time communication.

4.4 Text Extraction

Extract important text from documents and transfer it to your computer.

1. Select the 'Text Excerpt' icon from the main menu.
2. Scan the desired text using the pen. The text will be saved internally.
3. To transfer to a computer, connect the Scan Reader Pen to your computer using the USB Type-C cable.
4. The device will appear as a removable drive. Navigate to the 'Extract File' folder to access your saved text.

COMPACT SIZE, EASY TO CARRY



Image 4.4: A visual guide demonstrating the multi-language text extraction feature, showing scanned text on the pen's screen and the option to upload it to a computer via USB.

4.5 Dictionary Function

Access the built-in Collins Dictionary for quick word definitions.

1. Tap the 'Dictionary' icon on the main screen.
2. You can either type a word using the on-screen keyboard or scan a word directly using the pen.
3. The definition and pronunciation will be displayed.

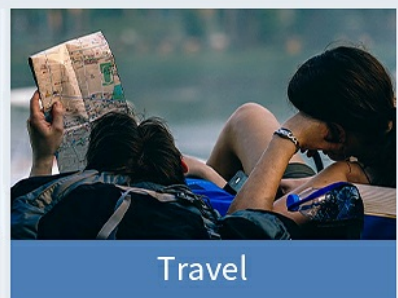
Multiple Usage Scenarios



Road Signs



Menu



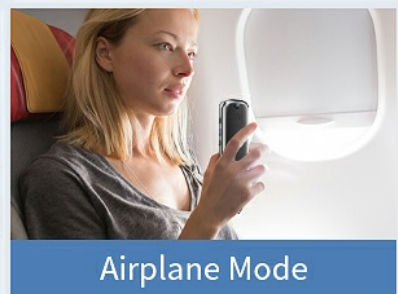
Travel



Meeting



Communication



Airplane Mode

Image 4.5: The FLTIDUNDI Scan Reader Pen displaying the Collins Dictionary icon on its screen, indicating

4.6 Smart Recording

Use the device to record audio.

1. Select the 'Recording' icon from the main menu.
2. Tap the record button to start recording.
3. Tap the stop button to end the recording. Recordings are saved internally and can be managed or transferred to a computer.

5. ADVANCED FEATURES AND SETTINGS

5.1 Interface Customization

- **Interface Languages:** The device supports 12 interface languages. Change this in 'Settings' > 'Language'.
- **Eye-Protecting UI:** The user interface is designed to be gentle on the eyes. Adjust brightness and display settings in 'Settings' > 'Display'.

5.2 Accessibility Features

- **Reverse Scanning Direction:** For left-handed users, the scanning direction can be reversed in 'Settings' to improve comfort and accuracy.
- **Dyslexia Support:** The device's read-aloud function and clear display can assist individuals with dyslexia in reading and comprehension.



Image 5.1: A child using the FLTIDUNDI Scan Reader Pen with a parent, highlighting features like Bluetooth connectivity and support for 56 languages, beneficial for users with dyslexia.

6. MAINTENANCE

6.1 Cleaning the Device

To maintain optimal performance and appearance:

- Wipe the device with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, solvents, or aerosol sprays.
- Keep the scan head clean and free of dust or debris to ensure accurate scanning.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.
- Use only the provided or a certified USB Type-C cable for charging.

6.3 Software Updates

Periodically check for software updates in the 'Settings' menu to ensure your device has the latest features and performance improvements. Follow the on-screen instructions for any available updates.

7. TROUBLESHOOTING

If you encounter issues with your Scan Reader Pen, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device for at least 30 minutes.
Scanning is inaccurate.	Poor lighting, incorrect scanning angle, dirty scan head.	Ensure adequate lighting, hold the pen at a consistent angle, clean the scan head, and recalibrate if necessary.
No Wi-Fi connection.	Incorrect password, out of range, network issue.	Verify Wi-Fi password, move closer to the router, restart the device and router.
Voice translation not working.	No internet connection, microphone blocked, incorrect language settings.	Check Wi-Fi, ensure microphone is clear, verify source/target languages.
Screen is unresponsive.	Software glitch.	Perform a soft reset by holding the Power button for 10-15 seconds until the device restarts.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the FLTIDUNDI Scan Reader Pen:

Feature	Detail
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Feature	Detail
Model	Scan Reader Pen
Brand	FLTIDUNDI
Scanner Type	Text
Connectivity Technology	Bluetooth
Resolution	800 dpi
Item Weight	3.28 ounces (93 Grams)
Package Dimensions	7.17 x 2.72 x 1.46 inches
Batteries	1 AAA batteries required (included)
UPC	749614819362
ASIN	B0FXZW6P3F

9. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. This will void the warranty.
- Dispose of the device and its battery according to local regulations.

10. WARRANTY AND SUPPORT

Warranty information for the FLTIDUNDI Scan Reader Pen is not provided within this manual. Please refer to the product packaging or the official FLTIDUNDI website for detailed warranty terms and conditions.

For technical support, product inquiries, or assistance with troubleshooting, please contact FLTIDUNDI customer service through the contact information provided on the product packaging or their official website.