innioasis R1

Innioasis R1 Digital Voice Recorder User Manual

Model: R1

1. Introduction

The Innioasis R1 is a versatile digital voice recorder designed for high-quality audio capture and intelligent transcription. Featuring a full touchscreen and traditional button controls, it offers multiple recording modes, expandable storage, and robust security features, making it suitable for various professional and personal recording needs.





Figure 1: Innioasis R1 Digital Voice Recorder

2. Product Features

- **High-Quality Recording:** Equipped with dual microphones (high and low sensitivity) and professional IC, enhanced by DSP & RTC intelligent noise reduction for superior audio clarity.
- **Multiple Recording Modes:** Offers General, Interview, Meeting, Lecture, and Pocket modes, each with optimized configurations. Includes Scheduled Recording and Automatic Recording options.
- **Optional Automatic Backup:** Allows backing up recordings to prevent data loss due to storage media failure. Recommended for important files.
- **Offline Speech-to-Text:** Built-in intelligent transcription function provides instant text conversion during recording. Supports STT document export for enhanced efficiency.
- **Touchscreen Control:** Features a 3.69-inch high-definition touchscreen for full control, complemented by traditional physical buttons for user preference.
- **Expandable Storage:** Supports external SD card storage up to 1TB, ideal for long-term and large-capacity recording needs.
- **Long Battery Life:** Integrated 1100mAh lithium battery with low-power consumption ensures extended

continuous recording.

- **Password Protection:** Robust 6-digit password protection safeguards personal privacy and intellectual property.
- **Charging:** Input 5V=1A, includes a Type-C to Type-A charging cable. Compatible with laptop USB slots and smartphone chargers (does not support fast charging).

3. Device Layout and Components



Figure 2: Front and Side View with Controls and Ports

The R1 features a combination of a responsive touchscreen and tactile buttons for intuitive operation. Key components include:

- **High-Sensitivity Mic:** Located at the top, optimized for clear audio capture.
- **Low-Sensitivity Mic:** Also at the top, for broader sound capture.
- **3.5mm Audio Jack:** For headphones or external microphones.
- **SD Slot:** For expandable memory up to 1TB.

- **Power/Lock Button:** Controls device power and screen lock.
- **USB-C Port:** For charging and data transfer.
- **REC Button:** Initiates recording.
- **Playback Controls:** Prev, Play/Pause, Next buttons.
- **Volume Controls:** Vol+ and Vol- buttons.
- **T-Mark Button:** For adding time markers during recording.



Figure 3: Dual Microphone System

The R1 is equipped with a dual microphone system to ensure optimal audio capture in various environments. The high-sensitivity microphone is ideal for capturing distant or faint sounds, while the low-sensitivity microphone is designed for closer, louder audio sources, minimizing distortion.



Figure 4: SD Card Slot

The SD card slot allows for significant expansion of the device's storage capacity, supporting up to 1TB. This is crucial for users requiring extensive recording time or storing large audio files.

4. Setup

4.1 Charging the Device

Before first use, fully charge your Innioasis R1. Connect the provided Type-C to Type-A charging cable to the device's USB-C port and the other end to a laptop USB slot or a standard 5V=1A smartphone charger. The device

does not support fast charging.



Figure 5: Long Battery Life

4.2 Inserting an SD Card (Optional)

If you wish to expand the storage, gently insert a compatible microSD card (up to 1TB) into the SD card slot on the side of the device until it clicks into place. Ensure the card is inserted in the correct orientation.

4.3 Initial Power On and Language Selection

Press and hold the Power button to turn on the device. Follow the on-screen prompts to select your preferred language and complete the initial setup. The device may offer useful hints for first-time users.

5. Operating Instructions

5.1 Recording Audio

From the main interface, select your desired recording mode (General, Interview, Meeting, Lecture, Pocket). Press the dedicated REC button or tap the 'Record' icon on the touchscreen to begin recording. The recording indicator light will illuminate. To pause, press Play/Pause or tap 'Pause' on the screen. To stop and save, press the REC button again or tap 'Save'.



Figure 6: Multiple Recording Modes

5.2 Playback

Navigate to the 'Recordings' or 'Files' section on the device. Select the desired audio file and press the Play/Pause button or tap the 'Play' icon on the screen to begin playback. Use the Vol+ and Vol- buttons or touchscreen controls to adjust the volume. Use Prev and Next buttons to skip between files.

5.3 Offline Speech-to-Text Transcription

During or after recording, the R1 can provide real-time transcription. Access the STT (Speech-to-Text) function from the recording interface or file management. You can view the transcribed text directly on the screen and export it as a document for further use.



Figure 7: Offline Speech-to-Text Function

5.4 Automatic Recording Backup

The device offers an option to automatically back up recordings when saving. It is recommended to enable this feature for important recordings to prevent potential data loss. This setting can typically be found in the recording settings menu.



Figure 8: Automatic Recording Backup

5.5 Password Protection

To protect your recordings and personal data, set up a 6-digit password. This feature prevents unauthorized access to the device. The password setting can be found in the device's security or system settings.



Figure 9: 6-Digit Password Protection

5.6 Connecting to a Computer

To transfer files, connect the R1 to your computer using the provided USB-C cable. The device will appear as a removable storage device. You can then drag and drop files between the recorder and your computer.



Figure 10: External Microphone Connectivity

The R1 supports external microphone input via its 3.5mm audio jack, allowing for specialized recording setups.



Figure 11: Bluetooth Connectivity

The R1 supports Bluetooth connectivity for wireless audio playback to compatible headphones or speakers.

6. Maintenance

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Protect the touchscreen from scratches by using a screen protector (not included) and avoiding sharp objects.
- Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Regularly back up important recordings to a computer or cloud storage to prevent data loss.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. If still unresponsive, perform a hard reset (refer to manual for specific steps, usually holding power button for extended period).
Poor recording quality.	Incorrect recording mode; excessive background noise; microphone obstruction.	Select an appropriate recording mode for the environment (e.g., Meeting, Lecture). Ensure microphones are not covered. Reduce ambient noise.
Speech-to-Text accuracy is low.	Unclear audio; strong accents; multiple speakers; background noise.	Ensure clear speaking voice and minimize background noise during recording. Speak directly towards the microphone.
Cannot transfer files to computer.	Incorrect cable; faulty USB port; driver issue.	Use the original USB-C cable. Try a different USB port on your computer. Ensure the device is recognized by the computer's operating system.
SD card not recognized.	Improper insertion; incompatible card; damaged card.	Re-insert the SD card correctly. Ensure the card is formatted to a compatible file system (e.g., FAT32, exFAT). Try a different SD card.

8. Specifications

Feature	Detail
Model Number	R1
Dimensions	4.33 x 1.26 x 0.55 inches (110 x 32 x 14 mm)
Item Weight	5.9 ounces (166 grams)
Memory Storage Capacity	72 GB (Internal)
Expandable Storage	Up to 1TB via external MicroSD, microSDUC, microSDHC, microSDXC
Battery	1100mAh Lithium Ion (included)
Charging Type	USB Type C (Input 5V=1A)
Microphone Form Factor	Built-In Dual Microphones
Headphones Jack	3.5 millimeters
Compatible Devices	Laptop

Feature	Detail
Manufacturer	INNIOASIS
Country of Origin	China

9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Innioasis website. If you encounter any issues not covered in this manual, please contact Innioasis customer service for assistance.

You can visit the Innioasis Store for more information:Innioasis Store on Amazon

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