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## QZT V90

# QZT Voice Recorder IC Recorder 32GB Model V90 User Manual

Model: V90 | Brand: QZT

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your QZT Voice Recorder IC Recorder 32GB Model V90. Please read this manual thoroughly before using the device and retain it for future reference.

## 2. PRODUCT OVERVIEW

The QZT V90 is a compact and lightweight digital voice recorder designed for various recording needs. It features a large LCD screen for easy operation and a simple button layout.





Image 2.1: Front and side view of the QZT V90 Voice Recorder, showing the display, control buttons, and side ports.

### 3. SETUP

#### 3.1 Initial Charging

Before first use, fully charge the device. Connect the recorder to a computer's USB port or a USB power adapter using the provided cable. The battery indicator on the LCD will show charging status.

#### 3.2 Power On/Off

- To power on: Slide the POWER switch to the ON position.
- To power off: Slide the POWER switch to the OFF position.

### 4. OPERATING INSTRUCTIONS

#### 4.1 One-Touch Direct Recording

The device supports one-touch recording, allowing you to start recording quickly even when the power is off. Simply long-press the 'REC' button on the front of the device to begin recording. The large LCD displays recording time, file name, and battery level.



Image 4.1: Illustration of the QZT V90's one-touch recording, large LCD screen, quick save, remote recording, pause/resume, and date/time display features.

#### 4.2 High-Quality Recording and Noise Cancellation

Equipped with high-sensitivity omnidirectional microphones, the QZT V90 can record at up to 3072kbps. It features a 2-mic noise cancellation function to suppress ambient noise, ensuring clear audio capture in various

environments. The device includes a headphone jack for monitoring and a built-in speaker for immediate playback.



Image 4.2: Close-up view highlighting the omnidirectional microphone and noise cancellation technology, indicating 3072 kbps recording capability.

#### 4.3 VOR (Voice Operated Recording)

The VOR function automatically starts recording when sound is detected and pauses when silence occurs, optimizing storage space. This feature is useful for capturing conversations without recording long periods of inactivity.

# VOR録音機能も搭載

音を検知すると自動的に録音を開始し音が止まると録音も一時停止するため、ストレージを節約しながら使えます。



## 自動録音データ分割保存

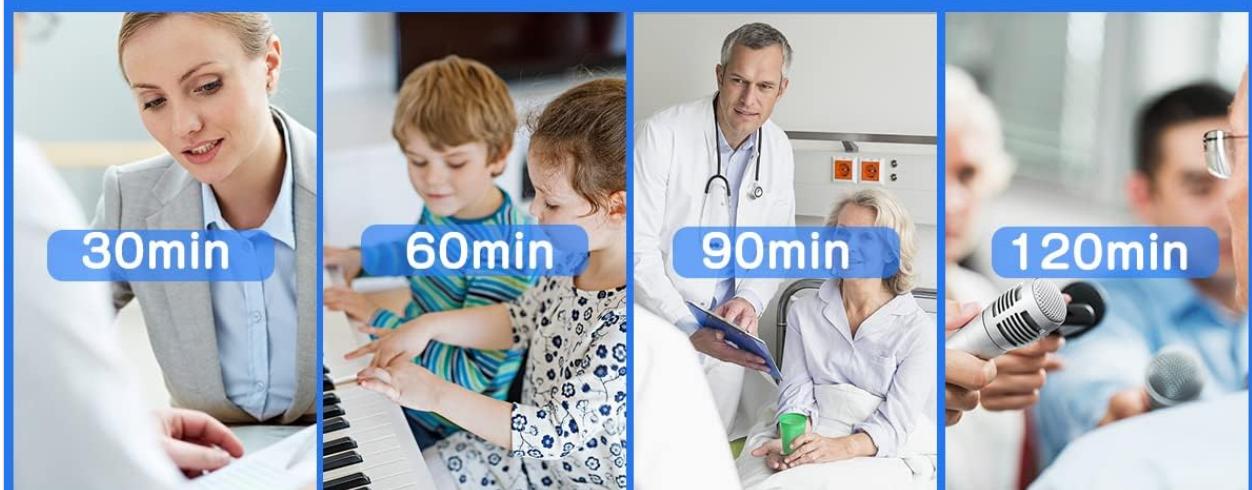


Image 4.3: Diagram explaining the VOR (Voice Operated Recording) function, showing automatic start and stop based on sound levels, and automatic data splitting.

### 4.4 Timer Recording

Set specific start and end times for recording, as well as recording frequency (e.g., daily, once). This allows for automatic recording of lectures, broadcasts, or meetings.

### 4.5 Playback Functions

- Variable Speed Playback:** Adjust playback speed across 16 levels to suit your listening preference, useful for transcribing or language learning.
- A-B Repeat Playback:** Repeat a specific section of an audio file, ideal for studying or reviewing particular

segments.

#### **4.6 Password Protection**

To protect sensitive information, the device supports password setting. This prevents unauthorized access to your recorded files.

## タイマー録音に対応

「日時（1回のみ）」、「営業日」、「毎日」と設定可能なので、お気に入りの語学講座や音楽・トーク番組、深夜放送などを聞き逃すことなく、好きな時間に楽しめます。



## 倍速再生機能

倍速再生で聞きたい単語をゆっくり聞くことが可能。慣れない方は、このような低倍速再生で、言葉を聞き取る練習に使えます。



## A-B繰り返し再生が選択可能

語学学習で役立つ「リピート再生」を搭載、特定区間を何度も繰り返し再生することができます。



## セキュリティ対策

パスワード設定が可能。個人情報が重要視される現在、大切な情報が外部に漏れるのが心配、という方にはもってこいではないでしょうか。



Image 4.4: Visual representation of timer recording, 16-level variable speed playback, A-B repeat function, and password protection for enhanced security.

The QZT V90 features 32GB of internal memory, capable of storing approximately 2276 hours of audio at 32KBPS. The built-in 410mAh battery provides up to 35 hours of continuous recording. The device also includes an automatic save function that activates when the battery level is low, preventing data loss.



Image 5.1: Details on the 32GB memory capacity and battery life, including a table showing recording durations at different bitrates and 35 hours of continuous recording.

## 6. FILE MANAGEMENT AND CONNECTIVITY

You can manage your recorded files by connecting the device to a computer via USB. Additionally, the QZT

V90 supports OTG functionality, allowing direct connection to Android smartphones (with an OTG adapter) and iPhones (iOS 12 or later, with a separate OTG adapter) for file transfer and playback.



Image 6.1: Illustration of charging and file management options, demonstrating connection to a laptop and an Android smartphone via an OTG adapter.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your QZT V90 Voice Recorder, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or repair the device yourself, as this will void the warranty.

## 8. TROUBLESHOOTING

If you encounter issues with your QZT V90, please refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not power on	Low battery; Power switch in OFF position	Charge the device; Ensure power switch is ON
Cannot record	Memory full; Device is in playback mode	Delete unnecessary files; Switch to recording mode
Poor audio quality	Microphone obstructed; Recording environment too noisy	Ensure microphone is clear; Use noise cancellation feature; Record in a quieter environment
Cannot connect to computer/smartphone	Faulty cable; Incorrect OTG adapter; Driver issue	Try a different USB cable; Ensure correct OTG adapter is used; Check computer drivers

## 9. SPECIFICATIONS

Feature	Detail
Model Number	V90
Brand	QZT
Memory Storage Capacity	32 GB
Digital Recording Time	Approx. 2276 Hours (at 32KBPS)
Continuous Usage Time (Battery Life)	35 Hours
Number of Batteries	1 Lithium Ion battery (included)
Compatible Devices	Smartphones, PCs
Hardware Interface	USB
Microphone Feature	Built-in
Format	WAV
Headphone Jack	3.5 mm
Package Dimensions	13.3 x 10.5 x 2.4 cm; 150 g

## 10. WARRANTY AND SUPPORT

This product comes with a one-year warranty. In the event of a malfunction, please contact customer support for free repair, exchange, or refund services.

For further assistance or inquiries, please refer to the contact information provided with your purchase or visit the official QZT website.

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