

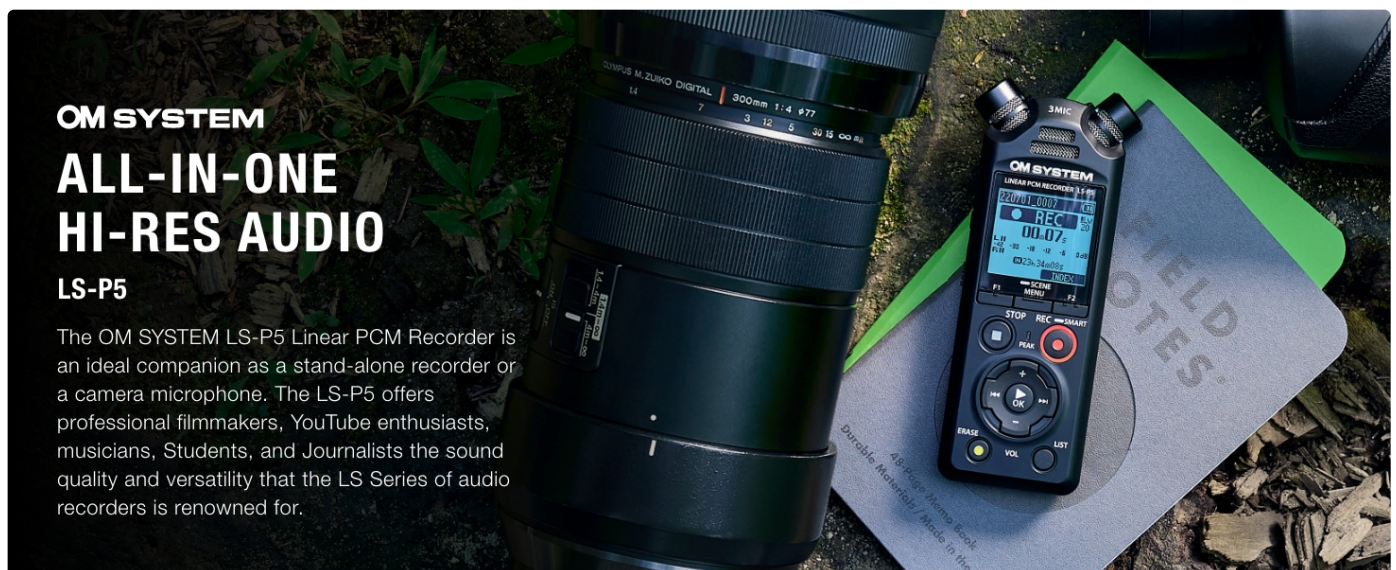
OM SYSTEM LS-P5

OM SYSTEM LS-P5 Linear PCM Recorder User Manual

Model: LS-P5

1. INTRODUCTION

The OM SYSTEM LS-P5 Linear PCM Recorder is a versatile audio recording device designed for high-resolution sound capture. It functions as a standalone recorder and can also be used as a camera microphone or a composite USB microphone. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your LS-P5 recorder.



The OM SYSTEM LS-P5 Linear PCM Recorder, showcasing its compact design and high-resolution audio capabilities.

This video provides an overview of the OM SYSTEM LS-P5, highlighting its features and high-resolution audio recording capabilities.

2. SETUP

2.1 Package Contents

Before starting, ensure all items are present:

- OM SYSTEM LS-P5 Linear PCM Recorder
- 2 NiMH Rechargeable AAA Batteries (BR404)
- USB Cable (TA-KP29)
- Basic Manual
- Warranty Card

2.2 Battery Installation and Charging

1. Open the battery compartment cover on the back of the recorder.
2. Insert the two supplied AAA NiMH rechargeable batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.
4. To charge the batteries, connect the recorder to a computer or a USB power adapter using the supplied USB cable. The charging indicator will illuminate.

2.3 Initial Power On

Press and hold the **POWER** button until the display illuminates. Follow any on-screen prompts for initial setup, such as language and date/time settings.

2.4 Connecting to a Computer (USB Microphone Mode)

The LS-P5 can function as a composite USB microphone and speaker when connected to a computer. This is ideal for streaming or virtual meetings.

1. Connect the LS-P5 to your computer using the supplied USB cable.
2. The recorder will prompt you to select a connection mode. Choose "USB Audio" or "Composite USB Audio Mode."
3. On your computer, select the LS-P5 as the input (microphone) and output (speaker) device in your system sound settings or application preferences.



The LS-P5 connected to a laptop via its USB cable, demonstrating its use as a USB microphone.

3. OPERATING INSTRUCTIONS

3.1 Basic Recording

The LS-P5 supports PCM, FLAC, and MP3 recording formats. High-resolution audio can be captured at up to 96 kHz/24-bit.

1. Press the **REC** button to start recording. The recording indicator will light up.
2. Adjust the recording level using the **+** and **-** buttons if in manual level mode.
3. Press the **STOP** button to end recording.



Front view of the LS-P5, displaying the recording interface and control buttons for easy operation.

The LS-P5 supports high-fidelity 96 kHz/24-bit Linear PCM recording, capturing audio with exceptional detail.

3.2 Microphone Modes and Directional Control

The LS-P5 features a Tresmic 3-microphone system, allowing for flexible soundstage control.

- **Wide Field:** Suitable for ambient sounds and music, capturing a broad soundscape.
- **Narrow Field:** Improves directionality, focusing on specific sound sources and reducing background noise.



TRESMIC II DIRECTIONAL CONTROL

3 Microphone Soundstage Control. Wide field for Ambient sounds and music. Narrow field for improved directionality.

The Tresmic II 3-microphone system offers advanced soundstage control for various recording environments.

3.3 Recording Modes

The recorder offers several modes to optimize recording for different situations:

- **Intelligent Auto:** Automatically adjusts sound levels dynamically for optimal recording.
- **Manual:** Provides full control over recording levels for precise adjustments.
- **Smart Mode:** Sets the optimum sound level by analyzing the environment before recording.



INTELLIGENT AUTO, MANUAL, AND SMART RECORDING MODES.

Intelligent Auto will automatically adjust your sound levels dynamically. Our new Smart Mode sets the optimum sound level by listening to the environment before recording.

The LS-P5 offers Intelligent Auto, Manual, and Smart recording modes to adapt to diverse audio environments.

3.4 Noise Reduction Features

- **Low-Cut Filter:** Reduces unwanted low-frequency noise, such as wind or air conditioner hum. Activate this feature in the recording settings menu.
- **Noise Cancelling Mode:** Specifically designed to reduce background noise during playback or recording.
- **Custom Scene Modes:** Includes a "Noisy Situation" mode that uses two microphones for noise cancellation, with one microphone focusing on background noise and the other on the spoken word.



NORMALIZATION

For quiet recordings, the volume can be maximized while maintaining recording quality during playback and avoiding distortion.

Custom Scene Modes, including a dedicated "Noisy Situation" mode, simplify recording in challenging environments.

3.5 Advanced Audio Features

- **125dB SPL Sound Pressure Microphones:** Enables distortion-free recording of loud sounds, from music to lectures.
- **Slate Tone and Test Tone:** Use Slate Tone to send a reference signal to your digital camera for easier editing. Test Tone helps set camera audio recording levels accurately.
- **Normalization:** For quiet recordings, this feature maximizes volume during playback while maintaining quality and avoiding distortion.
- **Bright Sound Mode:** Optimizes recordings of spoken words for clarity in vlogging, lectures, or meetings by elevating mid-to-high range levels.



125DB SPL SOUNDPRESSURE MICROPHONES

Distortion-free recording from loud music and ambient sounds to bird song and lectures.

The 125dB SPL sound pressure microphones ensure clear, distortion-free recording even in loud environments.

CUSTOM SCENE MODES FOR RECORDING WITH EASE.

Not only can you save your custom settings but the LS-P5 also offers 2-Mic Noise Cancellation for recording in noisy environments. This is a "scene mode" known as Noisy Situation. Designed to record spoken audio in very noisy environments. One microphone listens to the background noise while the user speaks into the other.



Slate Tone and Test Tone functions assist in synchronizing audio with video and setting optimal recording levels for camera use.



BRIGHT SOUND, OPTIMAL FOR VOICE RECORDING

The new "Bright Sound" mode offers clearer recordings of the spoken word such as in vlogging, lectures, or meetings. Recording with elevated mid to high-range levels makes it possible to capture audio while minimizing the effects of ambient sounds.

Normalization feature enhances the volume of quiet recordings without introducing distortion.



COMPOSITE USB AUDIO MODE

Use as a USB microphone and speaker. Perfect for streaming or virtual online meetings.

The Bright Sound mode is specifically designed to optimize voice recordings for clarity in various applications.

3.6 Bluetooth Connectivity and App Control

The LS-P5 is Bluetooth enabled, allowing for wireless sound monitoring and full control via a smartphone using the DVR Remote app (available for iOS and Android). This functionality works up to a distance of 10 meters (32 feet).



Bluetooth connectivity allows for remote control and monitoring of the LS-P5 via a smartphone app.

4. MAINTENANCE

4.1 Cleaning the Device

To maintain optimal performance and appearance:

- Wipe the exterior of the recorder with a soft, dry cloth.
- Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- Keep the microphone grilles free from dust and debris. Use a soft brush if necessary.

4.2 Battery Care

- Use only the recommended NiMH rechargeable AAA batteries.
- If the recorder will not be used for an extended period, remove the batteries to prevent leakage.
- Store batteries in a cool, dry place.

4.3 Software Updates

Periodically check the OM SYSTEM official website for any available firmware updates for your LS-P5 recorder. Updates can improve performance and add new features.

5. TROUBLESHOOTING

If you encounter issues with your LS-P5 recorder, refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not power on	Low or depleted batteries; incorrectly inserted batteries.	Replace or recharge batteries. Ensure batteries are inserted with correct polarity.

Problem	Possible Cause	Solution
Cannot record audio	Insufficient memory; recording paused; incorrect settings.	Check available memory. Ensure recording is not paused. Verify recording mode and input settings.
Poor audio quality	Microphone obstructed; incorrect recording level; environmental noise.	Ensure microphones are clear. Adjust recording levels. Use Low-Cut Filter or Noise Cancelling mode.
Bluetooth connection fails	Device out of range; Bluetooth off on recorder or smartphone; interference.	Ensure devices are within 10m. Turn Bluetooth off and on again. Restart both devices.
Computer does not recognize device	USB cable issue; incorrect connection mode selected.	Try a different USB port or cable. Ensure "USB Audio" or "Composite USB Audio Mode" is selected on the recorder.

For more detailed troubleshooting, please refer to the full manual available on the OM SYSTEM support website.

6. SPECIFICATIONS

- **Model Number:** V409180BG000
- **Memory Storage Capacity:** 16 GB (Built-in)
- **Recording Formats:** PCM, FLAC, MP3
- **High-Resolution Audio:** Up to 96 kHz/24 bit
- **Microphone System:** Tresmic 3-Microphone (Stereo operation mode)
- **Microphone Form Factor:** Built-In
- **Hardware Interface:** Bluetooth, USB
- **Headphones Jack:** 3.5 millimeters
- **Number of Batteries:** 2 AAA batteries (included)
- **Digital Recording Time:** Up to 24 hours (approximate, depends on settings)
- **Item Weight:** 2.72 ounces
- **Screen Size:** 3.5 inches
- **UPC:** 050332193260
- **Manufacturer:** OM Digital Solutions



7. WARRANTY AND SUPPORT

7.1 Warranty Information

The OM SYSTEM LS-P5 PCM Recorder comes with a **1-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included in your package or visit the official OM SYSTEM website.

7.2 Customer Support

For further assistance, technical support, or service inquiries, please visit the official OM SYSTEM support website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the included documentation.

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