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Tascam DR-05XP

TASCAM DR-05XP Portable Handheld Recorder User Manual

Model: DR-05XP | Brand: Tascam

INTRODUCTION

The TASCAM DR-05XP is a portable handheld field recorder designed for high-quality audio capture. It supports various recording applications, including music, audio for video, meetings, dictation, and podcasting. This manual provides instructions for setting up, operating, and maintaining your DR-05XP recorder.





Figure 1: Front view of the TASCAM DR-05XP Portable Handheld Recorder, displaying its built-in microphones, LCD screen, and control buttons.

SETUP

1. Power Supply (Batteries)

The DR-05XP operates on two AA alkaline batteries. Ensure batteries are inserted correctly according to polarity markings.

1. Locate the battery compartment cover on the back of the unit.
2. Slide the cover open.
3. Insert two AA batteries, matching the positive (+) and negative (-) terminals as indicated.
4. Close the battery compartment cover securely.

The unit can also be powered via its USB-C port using an appropriate power adapter (not included).



Figure 2: A hand inserting two AA batteries into the battery compartment located on the back of the TASCAM DR-05XP recorder.

2. Inserting a Micro SD Card

A Micro SD card (up to 512 GB, not included) is required for recording and storing audio files.

1. Locate the Micro SD card slot on the side of the DR-05XP.
2. Insert the Micro SD card with the contacts facing down until it clicks into place.
3. To remove, gently push the card until it springs out.



Figure 3: A hand inserting a Micro SD card into the dedicated slot on the side of the TASCAM DR-05XP recorder.

3. Powering On/Off

- To power on, press and hold the **POWER/HOME** button until the display illuminates.
- To power off, press and hold the **POWER/HOME** button until the unit shuts down.

OPERATING INSTRUCTIONS

1. Controls Overview

The DR-05XP features an intuitive layout of buttons and an LCD screen for navigation and control.



Figure 4: Angled view of the TASCAM DR-05XP, highlighting the side controls and the main navigation pad.

- **POWER/HOME button:** Powers the unit on/off and returns to the home screen.
- **RECORD button:** Initiates and stops recording.
- **Navigation Pad:** Used to navigate menus and adjust settings.
- **MENU button:** Accesses the main menu for detailed settings.
- **QUICK button:** Provides quick access to frequently used functions.
- **MARK button:** Adds markers during recording or playback.
- **PB CONT button:** Playback control functions.
- **HOLD switch:** Locks all buttons to prevent accidental operation.

2. Recording Audio

The DR-05XP supports various recording formats and quality settings.

- **Recording Modes:** Choose between 32-bit float, 24-bit, or 16-bit recording. Sample rates include 96kHz, 48kHz, and 44.1kHz. Files can be saved as WAV or MP3.
- **Built-in Microphones:** The omnidirectional condenser microphones are designed to handle sound pressure levels up to 125dB SPL, suitable for loud environments.
- **External Inputs:** A stereo mini jack is available for connecting external microphones with plug-in power or line-level audio sources.

1. **Select Recording Mode:** Press the **MENU** button, navigate to "REC SETTING", and choose your desired format (e.g., WAV 32bit Float) and sample rate.

2. **Adjust Input Level:** Use the +/- buttons on the navigation pad to adjust the recording input level. Monitor the level meter on the LCD screen to avoid clipping (PEAK indicator).
3. **Start Recording:** Press the **RECORD** button once to enter record-pause mode. The REC indicator will flash. Press **RECORD** again to begin recording. The REC indicator will light steadily.
4. **Stop Recording:** Press the **STOP** button (square button below POWER/HOME) to stop recording.



Figure 5: A hand interacting with the TASCAM DR-05XP, showing the LCD screen displaying recording settings such as format, sample rate, and type.

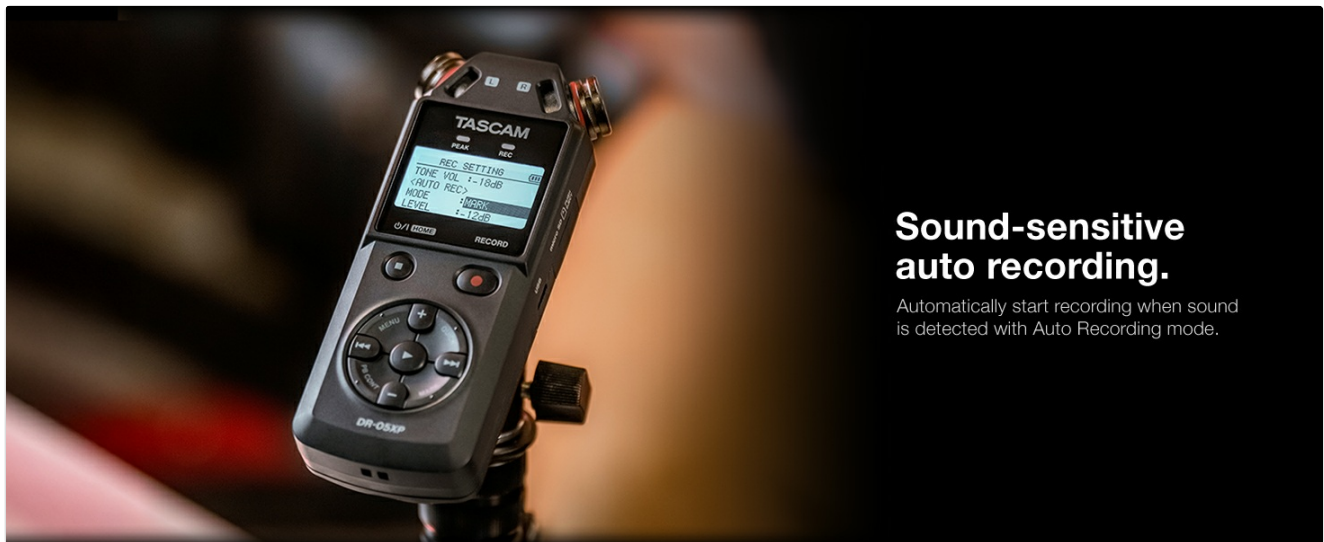
3. Playback

- From the home screen, use the navigation pad to select a file.
- Press the **PLAY** button (center of navigation pad) to start playback.
- Use the **REWIND** and **FAST FORWARD** buttons to navigate through the file.
- Press the **STOP** button to stop playback.
- The built-in monaural speaker allows for quick verification of recordings without headphones.

4. USB-C Audio Interface Functionality

The DR-05XP can function as a 2-in/2-out USB-C audio interface for direct recording to a computer (Mac or PC).

1. Connect the DR-05XP to your computer using a USB-C cable.
2. On the DR-05XP, select "Audio Interface" mode when prompted.
3. Your computer should recognize the DR-05XP as an audio input/output device.
4. Configure your recording software to use the DR-05XP as its audio interface.



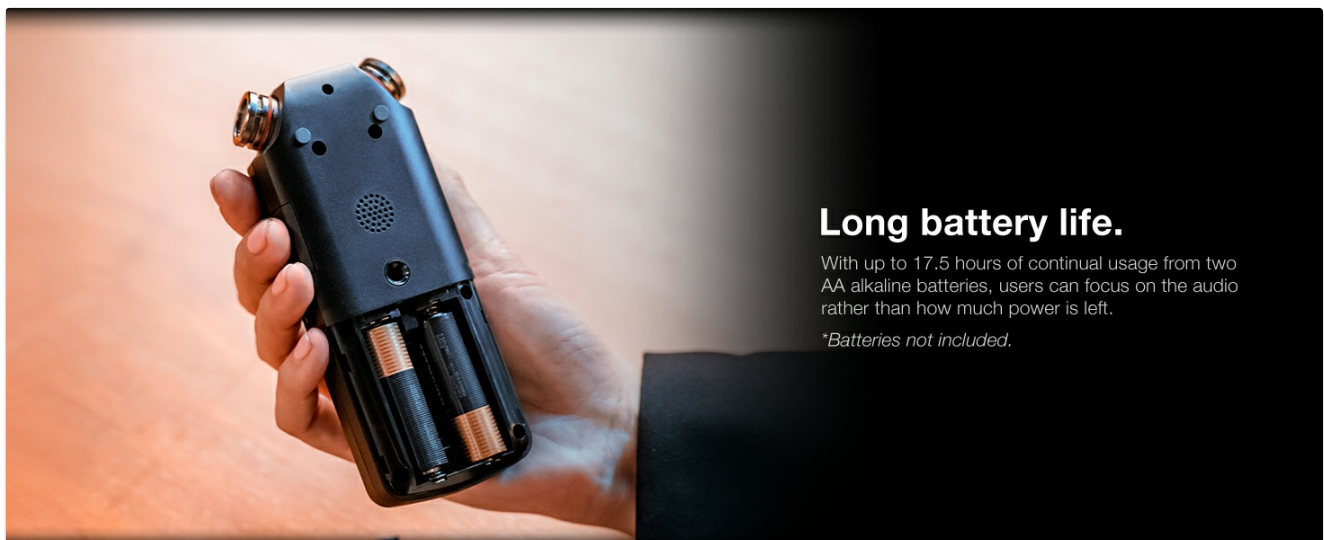
Sound-sensitive auto recording.

Automatically start recording when sound is detected with Auto Recording mode.

Figure 6: The TASCAM DR-05XP recorder connected to a laptop via a USB-C cable, demonstrating its use as an audio interface.

5. Advanced Features

- **Auto Recording:** The unit can automatically start recording when sound is detected, and stop when sound falls below a set threshold. This feature is configurable in the menu.
- **Low Cut Filter:** Utilize the built-in low cut filters to reduce unwanted low-frequency noise (e.g., wind, rumble).
- **Auto Tone Output:** Optimizes the audio output for use with DSLR camera rigs, simplifying post-production for video content.
- **RF Noise Shielding:** Designed with superior shielding to minimize interference from Radio Frequency (RF) and Wi-Fi signals, ensuring a clean signal.



Long battery life.

With up to 17.5 hours of continual usage from two AA alkaline batteries, users can focus on the audio rather than how much power is left.

**Batteries not included.*

Figure 7: The TASCAM DR-05XP in use, illustrating its RF Noise Shielding capability to maintain audio integrity.

MAINTENANCE

1. Cleaning

To maintain the appearance and functionality of your DR-05XP:

- Wipe the unit with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or alcohol, as these can damage the finish.
- Keep the microphone grilles free of dust and debris.

2. Battery Care

- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Replace both batteries simultaneously with new ones. Do not mix old and new batteries or different types of batteries.

3. Storage

Store the DR-05XP in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.

TROUBLESHOOTING

If you encounter issues with your DR-05XP, refer to the following common solutions:

Problem	Possible Cause / Solution
Unit does not power on.	<ul style="list-style-type: none">• Check if batteries are inserted correctly and have sufficient charge.• Ensure the POWER/HOME button is pressed and held long enough.• Try powering via USB-C.
No audio recorded.	<ul style="list-style-type: none">• Verify that a Micro SD card is inserted and has free space.• Check recording levels; ensure they are not set too low.• Confirm that the RECORD button was pressed twice to start actual recording (REC indicator solid).• Ensure the correct input source (built-in mics or external input) is selected.
Recorded audio is distorted or too quiet.	<ul style="list-style-type: none">• Adjust input levels to prevent clipping (PEAK indicator).• For quiet audio, increase input levels.• Check external microphone connections and power (if applicable).
Unit not recognized as USB audio interface.	<ul style="list-style-type: none">• Ensure the USB-C cable is securely connected to both the DR-05XP and the computer.• Select "Audio Interface" mode on the DR-05XP when connected.• Check your computer's sound settings to ensure the DR-05XP is selected as the input/output device.

SPECIFICATIONS

Feature	Detail
Model Number	DR-05XP
Brand	Tascam
Recording Formats	MP3 Audio, WAV (32-bit float, 24-bit, 16-bit)
Sample Rates	96kHz, 48kHz, 44.1kHz
Microphone Form Factor	Built-In Omnidirectional Condenser
Max SPL	125dB SPL
Hardware Interface	USB Type C (2-in/2-out audio interface)
Headphones Jack	3.5 millimeters
Memory Storage Capacity	Up to 512 GB (Micro SDXC)

Feature	Detail
Power Source	2 AA batteries (approx. 17.5 hours operation) or USB-C power
Product Dimensions	1.06 x 2.38 x 5.6 inches (27 x 60.5 x 142 mm)
Item Weight	4.5 ounces (127.5 grams)

WARRANTY INFORMATION

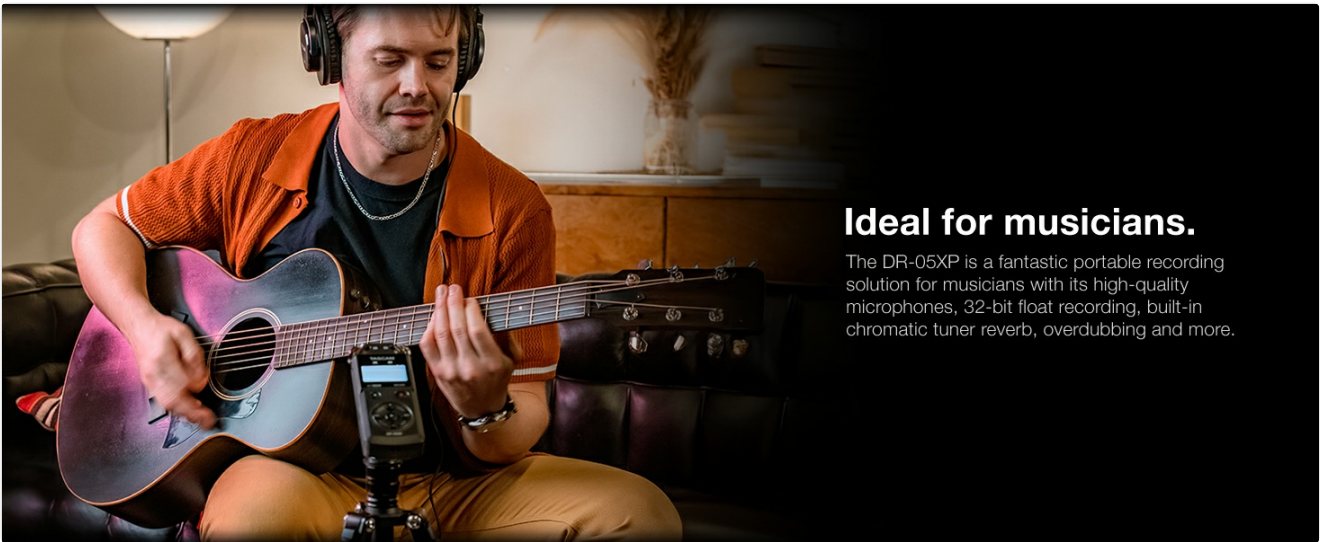
Tascam products are covered by a limited manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Tascam website. Keep your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to download the latest firmware and software, please visit the official Tascam support website:

[Tascam Official Support](#)

You can also refer to the Tascam Audio File Manager software for managing your recordings, which can be downloaded from the support site.



Ideal for musicians.

The DR-05XP is a fantastic portable recording solution for musicians with its high-quality microphones, 32-bit float recording, built-in chromatic tuner reverb, overdubbing and more.

Figure 8: A screenshot of the Tascam Audio File Manager software interface on a laptop, used for organizing and editing audio files from the DR-05XP.