

# Tascam DR-60D

4 Channel Audio Recorder





# Overview

- ✦ Records up to 4 channels!
- ✦ 2 XLR Mic inputs
- ✦ 1 stereo mini (3.5mm) input for Ch. 3 + 4
- ✦ Plugin power (for mics that need it, like a hydrophone)
- ✦ Mounts under your camera and/or on a tripod
- ✦ Can record a “safety” track, quieter than main track
- ✦ Records onto SD card, connects via USB



# Typical Setup



- ✦ Between the camera and the tripod



# Getting Started

- ✦ Hold down Power button screen lights power up.
- ✦ Connect microphone cable(s) to XLR input(s) on side.
- ✦ Set 1/L or 2/R input switch to **Mic + Phantom** for condenser mics, **Mic** for dynamics.
- ✦ Press REC [●] to enter **standby**. Rec light will flash.
- ✦ Adjust input level knob(s) **1/L and/or 2/R** to set volume.
- ✦ Press REC [●] **again to start recording**. Rec light will be lit solid while recording (not flashing). If it's flashing, it's not recording!
- ✦ Press HOME [■] to stop recording.



# Getting Clean Tracks

- Set the input GAIN to either **LOW**, **MED**, or **HIGH** by pressing **MENU**, then **INPUT SETTING**, then **GAIN**.
- Use the input volume knobs as “set and forget” knobs. They cause a click while you turn them, so no “riding the levels!” Set an average level for your subject (around 50% of the meter) then leave it. **Only adjust while recorder is stopped!**
- Use the Limiter to keep audio from distorting. Select it in the **MENU**. **MONO** limits one channel, **LINK** limits 2 channels equally.
- Use a **Low Cut** filter to reduce rumble noise. Activate it in the **MENU**, selecting a frequency below which sound will be reduced. 40Hz, 80Hz, or 120Hz. 80 is an average.



# Recording Modes

## Safety first!

- **Dual Mono** mode records a second safety track, quieter than the main track. This ensures that even if the main track gets clipped or distorted from sudden loud sound, you'll have a separate, clean safety track.
- **Dual ST** mode records two stereo pairs, one original and one as a quieter safety pair.
- Mono, Stereo and 4 Channel modes produce no safety tracks, so be sure of your levels if using these modes!



# Format, Sample Rate + Bit Depth

- ✦ Press **MENU**, dial to **REC SETTING**
- ✦ Choose **FORMAT**: WAV 16 or 24. **24** is preferred.
- ✦ Choose **SAMPLE**: 44.1 Khz for CD, **48 Khz for video**
- ✦ WAV files at 24 bit, 48Khz are the standard for film/video. Recording at 88 and 96 Khz is possible, but generates much larger files and requires post conversion.



# Retrieving Captured Audio

- Once you're done recording, you can grab the files by connecting to a computer via USB, or **using a SD card reader.**
- Without a card reader, connect the USB cable to a computer, then power on the recorder. Then choose **STORAGE.**
- The card in the recorder then mounts on your desktop. Drag the files from the recorder to your hard drive.







