**ZOOM H1**

**OVERVIEW OF SPECS**
- Records to microSD card
- Resolutions up to 24bit / 96kHz
- **Inputs**: Microphone / line input (both 1/8") and built-in microphones configured in an X/Y pattern
- **Outputs**: Line / Headphone (both 1/8") + Internal Speaker
- Requires 1 AA battery (not included).

**WHY WE LIKE IT**
Great for field recording and when you don’t need to use external microphones. Very easy to control. Small enough to fit in your pocket. Can be used to record interviews, lectures, music, and audio for video.

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**ZOOM H2N**

**OVERVIEW OF SPECS**
- Records to SD card
- Resolutions up to 96kHz / 24bit
- **Inputs**: Microphone / line input (both 1/8") + 5 built-in microphones (configured in either X/Y or a mid-side pattern and be able to record sound in 2 or 4 channels).
- **Outputs**: Line / Headphone (both 1/8") + Internal Speaker
- Requires 2 AA batteries (not included) or AC power adapter (included).

**WHY WE LIKE IT**
Portable. Updated version of H2. Effects such as compression, limiting, and low cut filtering. Front and rear recording. Can be used as USB mic.

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**ZOOM H4N**

**OVERVIEW OF SPECS**
- Records to SD card
- Resolutions up to 24-bit/96 kHz
- **Inputs**: 2 XLR inputs with Phantom Power OR 2 1/4" line inputs + 1 "1/8" line input + Built-in microphones with variable recording patterns
- **Outputs**: Line / Headphone (both 1/8") + Internal Speaker
- Onboard effects with microphone and amp modeling
- Can operate as a direct USB audio interface
- Requires 2 AA batteries (not included) or AC adapter (included)

**WHY WE LIKE IT**
Excellent built-in microphones with ability to adjust directionality of mics. Great for interviews, recording music or lectures. Has XLR/quarter-inch inputs for external microphones and instruments. Can record in 4-channel mode in order to utilize external mics and internal mics at the same time.

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**TASCAM DR-22WL**

**OVERVIEW OF SPECS**
- Records to microSD card or wirelessly to a mobile device/PC
- Resolutions up to 24bit / 96kHz
- **Inputs**: Microphone / line input (both 1/8") and built-in microphones configured in an X/Y
- **Outputs**: Line / Headphone (both 1/8") + Internal Speaker
- Scene Dial with 8 different recording modes
- Wi-Fi enabled - remotely monitor audio, control the recorder, and transfer files
- Requires 2 AA batteries (not included).

**WHY WE LIKE IT**
Portable. High-quality internal mics. Different effects (i.e. limiter, automatic gain, low-cut filter…) applied to each mode in the Scene Dial. Full manual control in “M” mode. Overdub a previous recording in “DUB” mode. Wirelessly control the recorder, monitor audio, upload to SoundCloud, and transfer files with a smartphone or PC.

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**TASCAM DR-60D**

**OVERVIEW OF SPECS**
- Records to SD card
- Resolutions up to 24-bit/96 kHz
- **Inputs**: 2 XLR inputs with Phantom Power OR 2 1/4” line inputs + 1 “1/8” line input
- **Outputs**: Line + Camera + Headphone (all 3 are 1/8”)
- Can operate as a direct USB audio interface
- Requires 4 AA batteries (not included) or AC power adapter (included).
- Can record in mono, stereo, 4-channel, and a “Safety Track Mode,” which creates a separate track recorded at a lower gain.

**WHY WE LIKE IT**
Our go-to audio solution for DSLR videography (i.e. using an XLR shotgun mic paired with a DSLR). Excellent pre-amps to send clear signal into mic input of DSLR. “Safety Track Mode” minimizes the chances of audio clipping. “SLATE” button makes it very easy to synch sound during editing.

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**ZOOM H4N PRO**

**OVERVIEW OF SPECS**
- Records to SD card
- Resolutions up to 24-bit/96 kHz
- **Inputs**: 2 XLR inputs with Phantom Power OR 2 1/4” line inputs + 1 “1/8” line input + Built-in microphones with variable recording patterns
- **Outputs**: Line / Headphone (both 1/8") + Internal speaker
- Onboard effects with microphone and amp modeling
- Can operate as a direct USB audio interface
- Requires 2 AA batteries (not included) or AC adapter (included)

**WHY WE LIKE IT**
Excellent built-in microphones with ability to adjust directionality of mics. Great for interviews, recording music or lectures. Has XLR/quarter-inch inputs for external microphones and instruments. Can record in 4-channel mode in order to utilize external mics and internal mics at the same time.

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Need help using these digital audio recorders? Want to learn more about audio recording concepts? Email mediahelp@wm.edu to schedule a consultation.

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**policy note:** equipment can be checked out by W&M students, staff, and faculty. loan period is 3 days. signed loaned agreement required.