



How to Record Remotely

And Have Your Show Sound (Nearly) Exactly the Same



Who We Are

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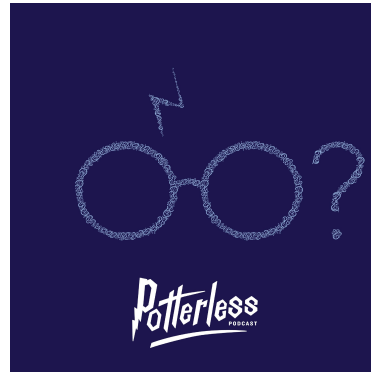
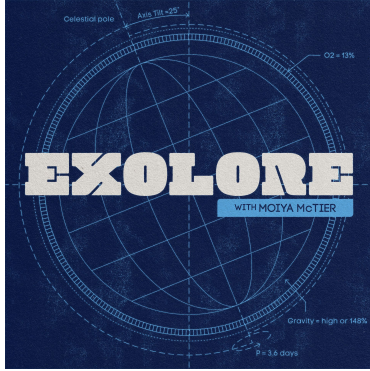
Co-Host, *HORSE*

Host, *Meddling Adults*

Host & Editor, *Potterless*

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Our Shows





Pre-Production



Setup with Guests/Co-hosts

- Video chat
 - Google Hangouts, Zoom, Skype, Facetime
 - Seeing faces helps improve timing and reduce crosstalk
- Guest recording setup
 - **Minimum:** headphones with microphone
 - **Best:** recording own audio on microphone, syncing in post
 - **Backup/Alternate:** phone on voice memo mode, record the call
 - **Big Budget Option:** send/rent equipment to guest

Room Treatment

- Best:
 - Wall and ceiling treatments (foam doesn't do much, if anything!)
- Better:
 - Closet with LOTS of clothes
- Okay:
 - Face soft, curved surfaces with lots of mass (couch, bed)
 - Avoid parallel walls

Gear

- Co-hosts – get the same mic!
- Dynamics vs. Condensers
- Mic recs:
 - Shure SM7b (mv7)
 - EV RE20 (Rode Podcaster)



People Stuff

- Prep your guest well!
 - Send info via email about equipment, room setup, and how to record. Ideally, run a pre-interview or tech check
 - You (and your guest) should turn phone + computer to Do Not Disturb, let people know you'll be busy, get kids & dogs out of the house
 - Don't be afraid to (politely) speak up during the interview if there's background noise, hair/clothes brushing the mic, or notification sounds
- How can you design or adapt your show's format to be remote-friendly?
 - Ex: One speaker at a time, one person taking the lead on an interview, one person leading each segment or episode



Recording



Recording Basics

- Everyone wear headphones! Otherwise the mic will pick up the call!
- Every show host/editor/producer should have a backup running
 - **Free/Cheap:** Piezo, voice memo on phone
 - **Paid:** Audio Hijack, Zencastr
- Video chat is better, but you can still record a phone call via computer
 - On a Mac, FaceTime app can make phone calls
 - Guest can call into Google Meet or Zoom meeting via phone



If Your Guest Isn't a Podcaster

- Make sure your guest wears headphones too
- Local recording options
 - All Macs have Garageband and Quicktime
 - Audacity and Reaper are free/cheap (but have a learning curve)
 - AnyDesk or Jump can allow you to remote engineer (or bring in a remote engineer) if appropriate
- Ask your guest to set up a voice memo recording on their phone as a backup



Post-Production



Editing

- Compensate for lag (which may not be consistent throughout the call)
- Fix crosstalk
 - Move tracks so no one is talking over each other
 - Delete any unwanted interjections
- Remove dead air, improve timing
- Remote recording allows for more flexibility due to lack of mic bleed
 - Use that to your benefit!



Audio Repair & Mixing

- iZotope RX
 - Repairs common issues like noise, reverb, and plosives
- EQing to match speakers
- Adjust volume based on apparent loudness, not dB



Thanks!

- We're @MultitudeShows on Twitter/Instagram
- Find more of our resources for podcasters at [multitudeproductions/resources](https://multitudeproductions.com/resources)

