



* Cable spec: 3.5mm TRS stereo mini jack to 2x male RCA, with -50db attenuation. Can also be used for stereo or two-channel recording.

Location Audio Recording Equipment Configurations for shooting video with a HD video digital SLR camera

Variations for solo photographer or with the assistance of a sound recordist

- A. Solo photographer with wired mic (recorder carried in large pocket or shoulder bag)
- B. Solo photographer with wireless mic (allows more movement for photographer)
- C. Two-person team, photographer and sound recordist (offers best audio control)

The low quality mic preamps in Canon's 5D Mark II produce audio recordings with unacceptable noise levels. One solution is to use an external audio recorder such as the Marantz PMD661 with custom-built preamps by Oade Brothers ("Super MOD" version). The PMD661 also provides higher sampling rate (96 vs 48 kHz), higher bit depth (24 vs 16), headphone monitoring, and P48 phantom power for condenser mics.

By linking the live (while recording) RCA output of the recorder to the camera, a synced audio track can be recorded which allows in-camera confirmation of audio when reviewing each video clip. By matching audio waveforms in post-production, the synced audio track can be quickly replaced by the recorder's high quality audio file.

Mic type dependent on application: handheld cardioid, lavalier, boomed shotgun, etc.

By Bryce Bennett, March 2010 (after Canon firmware v. 2.0.3 which added manual gain control)

All components drawn to scale except headphones

