



# Audio Design: Microphones for the Classroom

MICROPHONE STYLE	DESCRIPTION	CLASSROOM USES	CAMERA-MICROPHONE COMPATIBILITY <i>(use with tool T1A to select video equipment)</i>
<b>Internal camera mic</b> 	The sound recording device that is built into cameras, phones, tablets, etc.	Direct instruction; focused activity (such as a single small group discussion)	NA: internal sound capture of camera <i>Use with Kit A or Kit C</i>
<b>Lapel/lavalier mic</b> 	A thimble-sized mic that clips to a collar or breast pocket	Teacher (or other presenter) audio	Look for models with 3.5mm plugs; some devices may require adapter <i>Use with Kit B, Kit C, or Kit D</i>
<b>Conference mic</b> 	A mic that sits on a tabletop to capture 360° of sound in the area	Direct instruction; student responses; group discussions (large or small)	Look for models with 3.5mm plugs; some devices may require adapter <i>Use with Kit B, Kit C, or Kit D</i>
<b>Dynamic microphone</b> 	A traditional mic for capturing sound from a specific area	Teacher (or other presenter) audio: some schools have tried passing these mics from person-to-person	Will likely need to be a jack adapter (XLR-3.5mm) for higher quality dynamic mics <i>Use with Kit B, Kit C, or Kit D</i>
<b>Shotgun mic</b> 	A mic that targets audio from a specific space even from a distance	Audio from a specific area: can be placed close to camera and target sound from other part of room	Will likely need to be a jack adapter (XLR-3.5mm) <i>Use with Kit B, Kit C, or Kit D</i>
<b>Ambient mic</b> 	A mic designed to intake as much audio in the vicinity as possible	Direct instruction; student responses	Often part of installed kit; or check for models with 3.5mm plugs or adapters <i>Use with Kit B, Kit C, or Kit D</i>

