New Mexico State University Cooperative Extension Service

Innovative Media Research and Extension

Mini Condenser Mic Cables for Older Model Mobile Devices



This mini condenser microphone uses an audio cable with different audio jacks, a TRS audio jack and a TRSS audio jack. This cable is used with older model smartphones, tablets, and some computers that have a 3.5-mm audio port.



The **3.5-mm TRS audio jack is** inserted into the **mini condenser microphone's port**. This jack has three conductors, a **Tip (Mic)**, a **Ring (Audio Out)**, and a **Sleeve (Ground)**. This type of audio jack supports stereo sound and is used with speakers, microphones, and other audio devices.



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The 3.5-mm TRRS audio jack is inserted into the port of older model smartphones, tablets and some computers. This jack has four conductors: a Tip (Left Speaker), a Ring (Right Speaker), another Ring (Mic or Ground) and a Sleeve (Mic or Ground). The conductors on the last Ring and Sleeve may be wired differently on some cables depending on the manufacturer.





A different cable is required when using the **mini condenser mic** with a **video camera**. Most video cameras require an audio cable with a **3.5-mm TRS audio jack** on both ends of the cable.

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