

Adding an external Mic + headphone jack to the Palm TX

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My brand new Palm TX lacked one very important feature: the microphone! My previous Palm handheld, the T3, had a built-in microphone. Fortunately, I found some people that managed to add microphones either internal or external, with or without headset jack.

I decided to design my own schematics that can:

- Small in size
- Internal microphone
- Headset Jack

I had a defective Motorola mobile phone lying around, along with a Motorola Stereo-headset, and decided to disassemble the phone and use the components. I also bought a Palm TX sync-cable off ebay for €1,-.

You can find the needed schematics and my source of information at the following URLs:

[Motorola Headset Pinout](#)

[Palm TX Connector pinout](#)

[Palm Mic-Mod my Mod is based on](#)

How to assemble the whole circuit is visible in the following pictures:

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