JIM KANESS SYSTEMS ENGINEERING

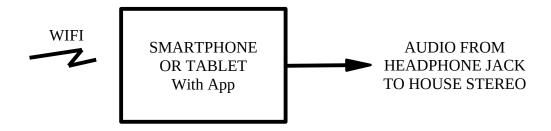
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STREAMING AUDIO Revised 1 March 2025

For many years we have streamed audio music from our favorite Internet sources. At first it was from the computer via a 40-foot long audio cable to the house stereo. The long cable was a tripping hazard.

A later upgrade was from the laptop via Bluetooth to a Bluetooth receiver connected to the house stereo. The Bluetooth path length was at the extreme end of Bluetooth reliability and the audio was subject to dropouts.

Currently, almost every Internet audio source now has a unique application or "app" that can be installed on a tablet or smartphone. The app connects through the house wifi to the desired Internet audio source, and the smartphone or tablet outputs high quality stereo audio from its headphone jack to the house stereo.



The smartphone or tablet can be obsolete or used and the screen size is not important. We found a used 8-inch tablet, wifi only, on Ebay for \$40 and it works great. It is dedicated to this purpose so only has the apps we want to listen to. Its other features remain unused. We leave it powered on all the time as it only uses about 5 watts of power.

FYI, the apps we use are:

1. Singing News (Southern gospel music)

2. Family Radio (Traditional Hymns)

https://singingnews.com/

https://www.familyradio.org/