

## Bluetooth Audio Gadget Preliminary User Guide

Thanks for purchasing the Bluetooth Audio Gadget. We are grateful! The user guide is in the queue and should be ready sometime in the next few months. Meantime, here are some operating notes to help you enjoy your gadget.

For safety and mounting information, please see the Failsafe Gadget user guide:

<https://bit.ly/2vIJbsB>

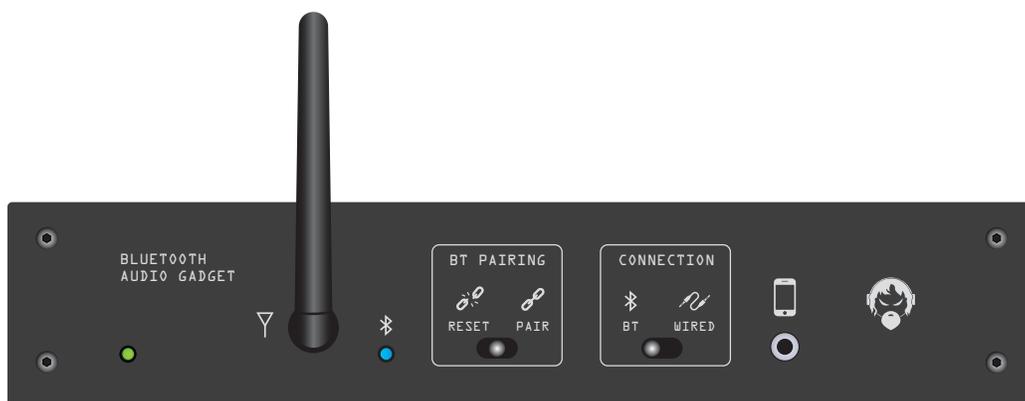
Plug in your gadget and the green LED will illuminate. Connect the gadget to your mixing console. Connect the LEFT and RIGHT ANALOG OUTPUTS to a stereo line input. Connect your mixing console mix-minus (clean feed, N-1, etc.) output to the ANALOG INPUT.



Broadcasters will be familiar with the mix-minus concept. For podcasters, recording and live sound applications, this might be an unfamiliar term. Here's a great article on how a mix-minus is used and how to create one:

<https://thepodcastersstudio.com/how-to-setup-a-mix-minus/>

After you're all hooked up, you'll want to connect to your phone or other Bluetooth device. Briefly push the BT PAIRING switch to the right and release. The blue LED should be flashing. The gadget is now advertising and ready to pair. On your phone, navigate to the Bluetooth settings, make sure Bluetooth is ON and look at the available devices. You should see ANGRYBT on the list. The gadget advertisement times out after 90 seconds if no connection is made. If that happens, click PAIR again.



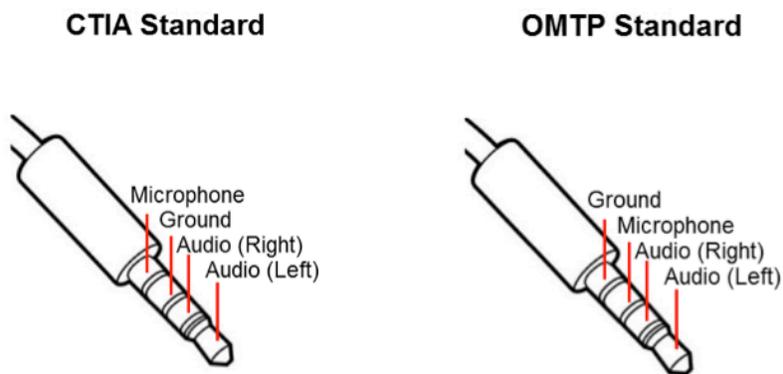
Select ANGRYBT. Your phone and the gadget will negotiate a connection. Once connected, the blue LED will stop flashing and illuminate constantly. Open your music app and play a song. Make sure the phone volume is turned up. Best fidelity will occur when volume is at maximum. If you don't hear audio, check your console settings and verify that the CONNECTION switch is in the BT position.

While paired, you use your phone as you normally do. Play music or voice recordings or talk on the phone or via Skype. The Bluetooth Audio Gadget automatically negotiates the best connection and codec settings possible for the application. When you are ready to terminate the connection, you can do so on your phone or by briefly pushing the PAIRING switch to the left and releasing.

The gadget offers a convenient 3.5MM TRRS jack on the front panel. This connection is always active and routed to the analog connections on the rear panel. Press the CONNECTION switch to the right. You will need a phone that has the 3.5MM jack and a cable like this:

<https://amzn.to/2GttQZu>

If you choose to use the front panel jack, please be aware that it is wired to the OMTP standard. There are two different (if you can believe it) standards for the wiring of a TRRS mini jack. Some products use OMTP, others use CTIA. As you can see in the drawing, the difference is where the ground and microphone signals appear.



If your device is CTIA and you plug it in directly, you'll get crosstalk and distortion. We include a CTIA to OMTP adapter with the Bluetooth Audio Gadget. If your device is CTIA, use the adapter. In short, iPhones require the adapter, Samsung devices don't.

One more thing. There is a digital audio output on the rear. It is turned OFF by default. If you want to use it, it can be enabled. Make sure the Bluetooth Audio Gadget is reset (blue LED off). Now press and hold the PAIR switch to the right for >3 seconds. When the blue LED illuminates, release the switch. Now you can pair as normal with the brief press.

For high-fidelity apps such as your phone's music player, the audio will be routed to the digital output only. You will not hear the audio on the analog output. Phone apps and wired sources will always remain on the analog outputs only. To turn off the digital output, power cycle the gadget by unplugging it from the wall and plugging it back in.

That's it. If you have any questions, give us a shout at:

[answers@angryaudio.com](mailto:answers@angryaudio.com)

Use your new gadget in good health!

Your friends @ Angry Audio

