Roger Touchscreen Mic - Connecting to an External Audio Source

INDEPENDENT LISTENING

(i.e. student is using an iPad/tablet, Chromebook, personal computer, Augmentative Communication Device, etc.) *(see pictures below)*

- Take one end of the BOCES 2 provided 3.5mm audio input cord and plug it into the headphone jack of the tablet/computer the student will be using.
- With the Roger Touchscreen Mic turned on, take the other end of the BOCES 2 provided 3.5mm audio input cord and plug it into the audio jack located on the bottom of the microphone.
- You will see a screen come up on the front of the Roger Touchscreen Mic with a listing of “input, output (tablet) and output (computer)”. Be sure that the selection for INPUT is highlighted. The microphone will now flash red, indicating it is picking up the audio source of the device and no longer picking up external sounds.

![Image of Roger Touchscreen Mic and iPad](image1.png)

*This set up allows the student wearing the Hearing Assistive Technology to hear the audio source from the iPad directly into their Roger receivers. No other individual will hear the sound from the iPad, as it will no longer be transmitted through the device’s speaker; only the student wearing the Roger receivers will hear the audio source.*

- If the student utilizing Hearing Assistive Technology has **two Roger Touchscreen Mics** used for Team Teaching, the secondary microphone (the microphone with the number 2 in the upper left corner of the screen) may be used by the student to connect to the audio source, allowing the teacher to continue to wear the primary microphone (the microphone with the number 1 in the upper left corner of the digital display). This will allow the student to hear both the audio source and the teacher speak if needed. *(See picture below)*
It is important to remember that the primary microphone needs to be in the lanyard position for the secondary microphone to work. The teacher may mute the primary microphone, but it needs to remain in the lanyard position. If the primary microphone is laid flat on a table, such as in small group mode, or it is turned off, you will see a blue flashing light on the secondary microphone indicating it is not functioning; therefore, the student will not hear the audio source.

**WHOLE GROUP LISTENING**

*(when all students are listening to the same external audio source, such as when the class is watching a video on a smartboard, you will need to obtain and use an audio splitter along with the BOCES 2 provided 3.5 mm audio input cord.)* *(See pictures below)*

This splitter will allow the student using Hearing Assistive Technology to hear the audio source directly in their ear level receivers and the rest of the class to hear the audio source through the external speaker of the device you are using. As there are various types of smartboard technology, you will need to contact your school district’s computer technology department to ensure you have the appropriate splitter needed for your specific device. ***Please contact your district to obtain such splitter***
For a student with one Roger Touchscreen Mic, you first take the audio splitter and plug it into the appropriate input jack on the device you are using. For the iPad, the audio splitter is plugged into the headphone jack.

Second, plug the cord of the external speaker into one end of the audio splitter.

Third, take the BOCES 2 provided 3.5mm audio input cord and plug one end into the audio splitter and the other end into the audio jack located on the bottom of the Roger Touchscreen Mic. You will see a screen come up on the front of the Roger Touchscreen Mic briefly with the listing of “input, output (tablet) and output (computer)”. Be sure that the selection for INPUT is highlighted. The microphone will now flash red, indicating it is picking up the audio source of the device and no longer picking up external sounds.

Now the student will hearing the audio source directly into their Roger receivers AND the other students in class will hear the audio source through the external speaker of the device.

***If you do not have access to an audio splitter or access to an input on your device’s speaker, the best option is to place the transmitter microphone in lanyard mode at the speaker of the device.

If the student utilizing Hearing Assistive Technology has two teacher microphones used for Team Teaching, the secondary microphone (microphone with the number 2 in the upper left corner of the screen) may be used by the student to connect to the audio source through the splitter, allowing the teacher to continue to wear the primary microphone (microphone with the number 1 in the upper left corner of the digital display). This will allow the student to hear both the audio source and the teacher speak as needed, and continue to allow the other students in class to hear the audio source through the external speaker of the device. (See picture below)

It is important to remember that the primary microphone needs to be in the lanyard position for the secondary microphone to work. The teacher may mute the primary microphone, but it needs to remain in the lanyard position. If the primary microphone is laid flat on a table, such as in small group mode, or it is turned off, you will see a blue flashing light on the secondary microphone indicating it is not functioning; therefore, the student will not hear the audio source through their Hearing Assistive Technology.
***If you do not have access to an audio splitter or access to an input on your device’s speaker, the best option is to place the transmitter microphone in lanyard mode at the speaker of the device.

If you have any questions or challenges connecting the Roger Touchscreen Mic to an external audio source, please call the BOCES 2 Audiology Department at 352-2449.