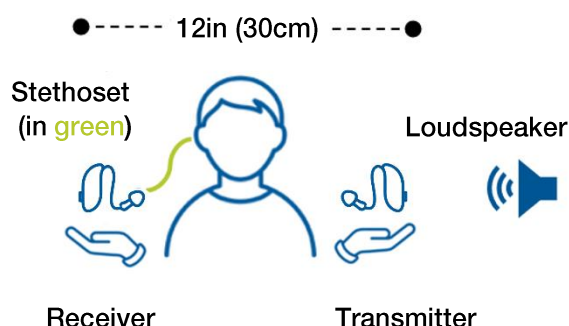


Verifying Beltone CROS/BiCROS

Listening check and test box verification

Listening check

- 1 Find a quiet place and small loudspeaker – a test box, smartphone or desktop computer works well. A BiCROS receiver may have enough gain for you to use your own voice as the input.
- 2 Use a stethoset to listen to the receiver in just one of your ears. The receiver can lay in your palm.
- 3 Hold the transmitter in your opposite hand, with the device mics facing up, as it would on the ear. Stand with the transmitter close to the loudspeaker.
- 4 **Hold the receiver and transmitter within 12 in (30 cm) of each other.** If you can separate them further without losing the transmitted signal, it's ok to increase the distance.



Use the listening check to answer the following questions:

Is the transmitter on and streaming to the receiver?

Rub the microphones of the transmitter and listen for the rustling sound in the receiver. You can teach clients to use this method while they are wearing both devices.

How's the sound quality of the transmitted signal?

Play a signal like running speech through the loudspeaker to assess the sound quality of the transmitted signal in the receiver.

If you cannot differentiate the direct sound versus the transmitted signal, try putting an earplug in your open ear.

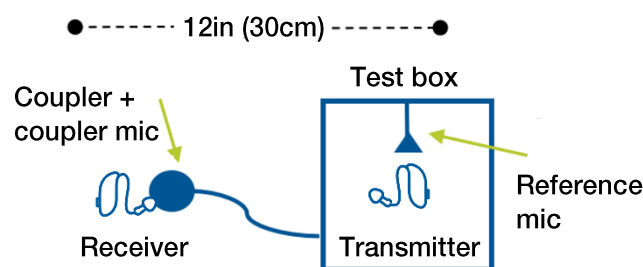
It may also help to cover and uncover the mic ports on the transmitter, to get a real-time comparison of “on” (mics uncovered) and “off” (mics covered) without needing to reboot.

Does the transmitted signal cut out, or sound distorted or muffled?

In this case, you may want to run an ANSI test in the test box for further troubleshooting.

Test box verification

- 1 Connect devices to fitting software and activate Test Mode.
- 2 Place transmitter inside test box with the reference mic as close as possible without touching the transmitter. Do not connect it to a coupler – you only want it to transmit the test signal.
- 3 Place receiver outside the test box, as close as possible to the test box and connected to the appropriate coupler + mic. **The devices must remain within 12 in (30 cm) of one another to transmit during the test.** You may need to experiment with placement to ensure transmission occurs during the test.



This figure is for illustrative purposes only. You must refer to your equipment manual for exact test setup. Try the section on testing wireless features.

- 4 Run the ANSI test. If you detect a problem, turn off the transmitter and repeat the test on the receiver only (as you would a typical hearing aid). If you are still unsure which device has the problem, it's best to send them for repair together.