

Tinnitus quick fit guide

Tinnitus Therapy Feature

The tinnitus therapy feature is available with all primax, binax, and micon hearing instruments. This feature is designed to be used in conjunction with a tinnitus therapy program.

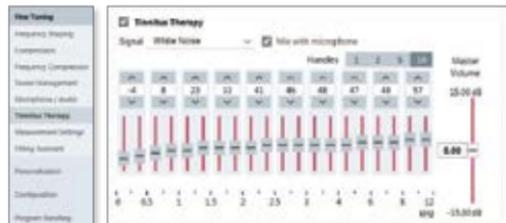
The tinnitus therapy feature can function as an independent sound generator or in a mixed mode with both the hearing instrument microphone and sound generator.

For many tinnitus patients, the use of a therapy signal combined with counseling can be effective.

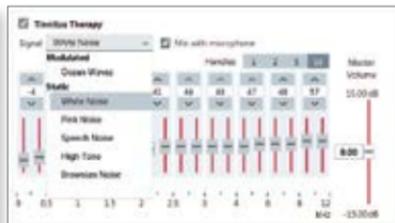
Normal Hearing with Tinnitus

- First Fit the Hearing Instrument to the normal audiogram, always ensuring an open fitting.
- Select Fine Tuning and Tinnitus Function (Figure 1).
- Select to configure a noise only program for the wearer, since amplification is not needed (Figure 2, 3, and 4).
- Increase or decrease the therapy signal to a level that is comfortable for the wearer and takes attention away from the tinnitus.

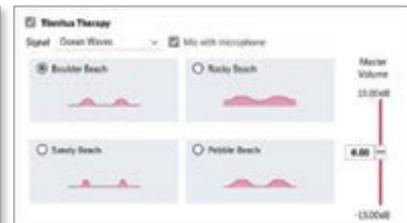
(Figure 1) (Figure 2)



(Figure 3)



(Figure 4)



Connex display may be different for micon products.

Tinnitus therapy feature (continued)

Hearing loss with tinnitus

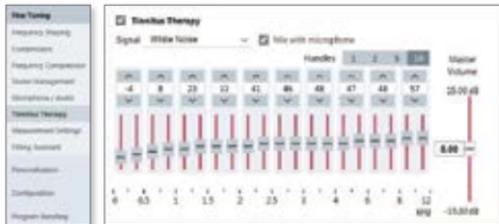
- First Fit the hearing instruments using the same procedure as for other instruments. Select the fitting method for the instruments.
- In Universal go to Fine Tuning check Tinnitus Function (fig. 1), Check Therapy Signal, Mix with Microphone.
- For a dedicated tinnitus program go to Program Handling, add Tinnitus Program, go to Fine Tuning, check Tinnitus Function, and select signal type (fig. 2, 3, and 4).

Adjusting the tinnitus therapy feature

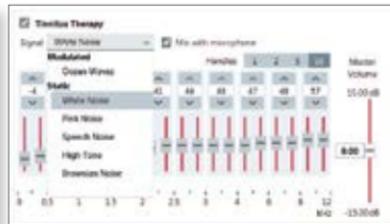
The tinnitus therapy signal can only be viewed in the output mode in Connexx. The therapy signal can be shaped using individual slider controls for each handle. The number of handles corresponds with the technology level of the selected instrument. Additionally, five preset broadband signals and four modulated signals can be selected depending on the therapy goal.

- **White noise:** the output of each frequency is given equal intensity
- **Pink Noise:** the output of each octave is given equal intensity
- **Speech Noise:** narrow band noise with center frequencies in the speech frequency region
- **High Tone Noise:** noise with a pronounced high frequency emphasis
- **Brownian noise:** Low roaring sound similar to waterfall or heavy rainfall
- **Ocean Waves:** Choice of four relaxing modulated therapy signals

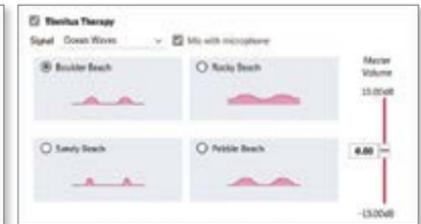
(Figure 1) (Figure 2)



(Figure 3)



(Figure 4)



Connexx display may be different for micon products.



Tips for easyTek and miniTek for tinnitus patients.

easyTek and miniTek can turn a set of hearing instruments into a wireless headset. Streaming an audio signal from a TV, DVD player, MP3 player and *Bluetooth* enabled cell or landline phones is what's commonly considered. However, the functionality of easyTek or miniTek can be increased in the following scenarios:

- When a transmitter is not available, easyTek and miniTek streamer can be directly connected via an adapter cable to the audio device (iPad/ tablet/ computer) for watching a video, listening to music or to Skype™.
 - a. Simply maintain optimal streaming distance between the miniTek and the hearing instruments (2-3 feet).
 - b. The wearer's voice will be picked up by the microphone on the computer for an exchange of information (Skype™)
- Some libraries have "playaways" (MP3 players that are preloaded with a recorded version of a selected book). The "playaway" can be directly connected to the streamer via an adapter cable. Now the audio from the playaway will be streamed into the hearing instruments to create a convenient way to listen to a recorded book.
- Consider downloading apps to your phone and/or computer and then stream these relaxing sounds into your hearing instruments as a way to manage tinnitus.

A search in the app store for "Tinnitus", "Relax", or "Audio" will direct you to some interesting apps. Following are some possible available apps:

Bloom: <http://itunes.apple.com/us/app/bloom/id292792586?mt=8>

Naturespace: <http://itunes.apple.com/us/app/naturespace-relax-meditate/id312618509?mt=8>

Ambiance: <http://itunes.apple.com/us/app/ambiance/id285538312?mt=8>

Easy relax ultimate: <http://itunes.apple.com/us/app/easy-relax-ultimate/id294216387?mt=8>

Adapter cables:

easyTek 3.5mm to 3.5mm

miniTek 2.5mm to 3.5mm