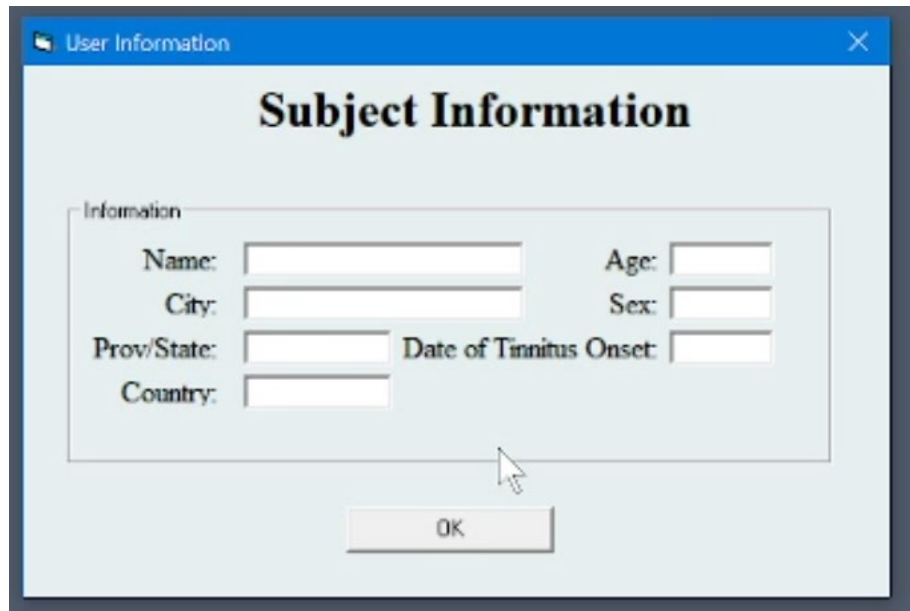


TinnTester Slides

David T. Martel, PhD

Subject Identification Information



A screenshot of a Windows-style dialog box titled "User Information" with a blue header bar and a close button (X) in the top right corner. The main content area is light blue and features the title "Subject Information" in bold black text. Below the title is a group box labeled "Information" containing several text input fields. The fields are arranged in two columns: "Name:" and "Age:" on the top row, "City:" and "Sex:" on the second row, "Prov/State:" and "Date of Tinnitus Onset:" on the third row, and "Country:" on the bottom row. An "OK" button is located at the bottom center of the dialog box. A mouse cursor is pointing at the "OK" button.

User Information

Subject Information

Information

Name: Age:

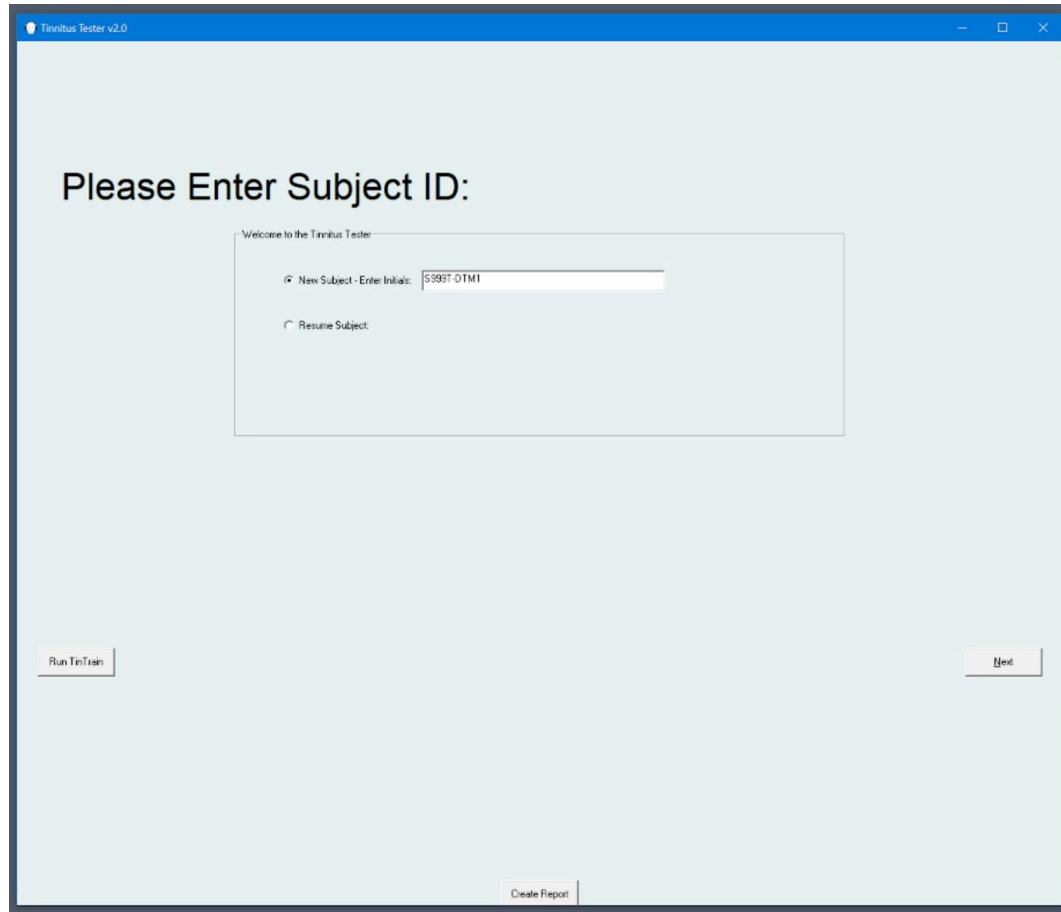
City: Sex:

Prov/State: Date of Tinnitus Onset:

Country:

OK

Subject ID – link to previous recordings



The screenshot shows a software window titled "Tinnitus Tester v2.0". The main content area has a light blue background and displays the text "Please Enter Subject ID:". Below this, a smaller white box contains the heading "Welcome to the Tinnitus Tester:" and two radio button options. The first option, "New Subject - Enter Initials:", is selected and followed by a text input field containing "S999T-OTM1". The second option is "Resume Subject:". At the bottom of the window, there are three buttons: "Run TinTrain" on the left, "Next" on the right, and "Create Report" centered at the bottom.

Tinnitus Tester v2.0

Please Enter Subject ID:

Welcome to the Tinnitus Tester:

☒ New Subject - Enter Initials: S999T-OTM1

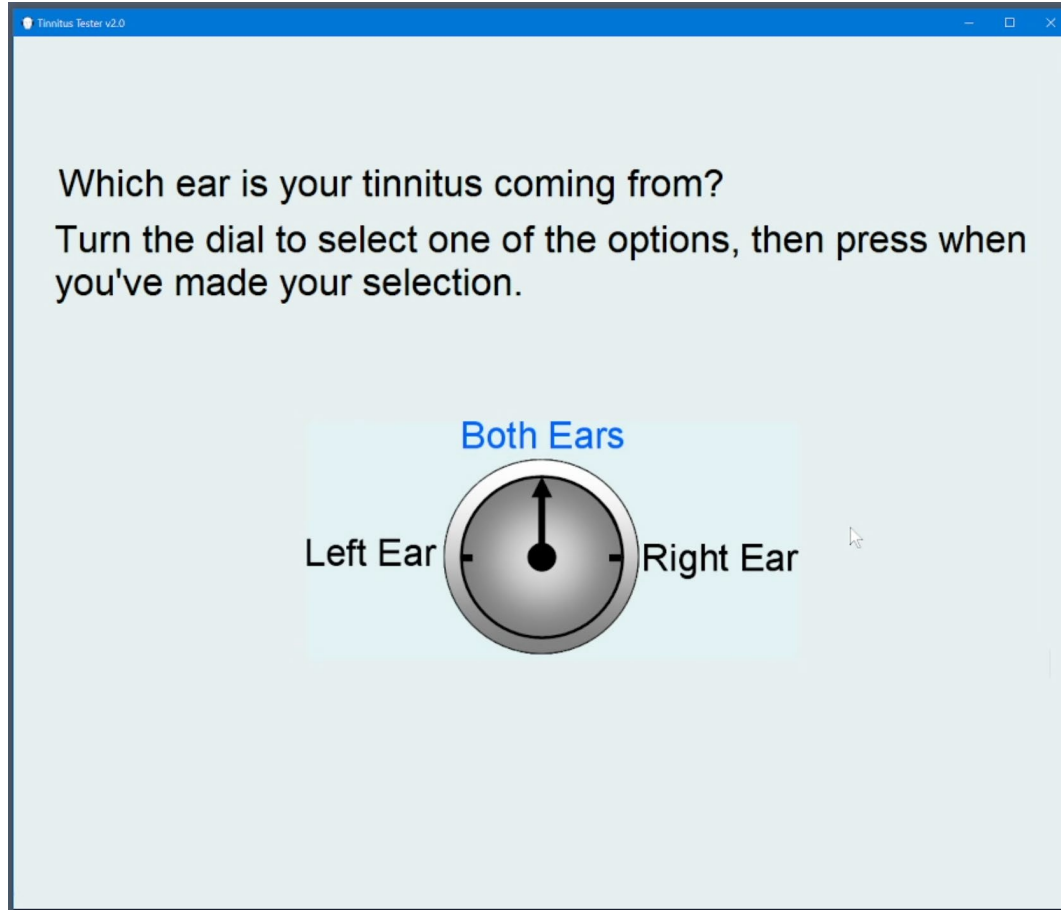
☐ Resume Subject:

Run TinTrain

Next

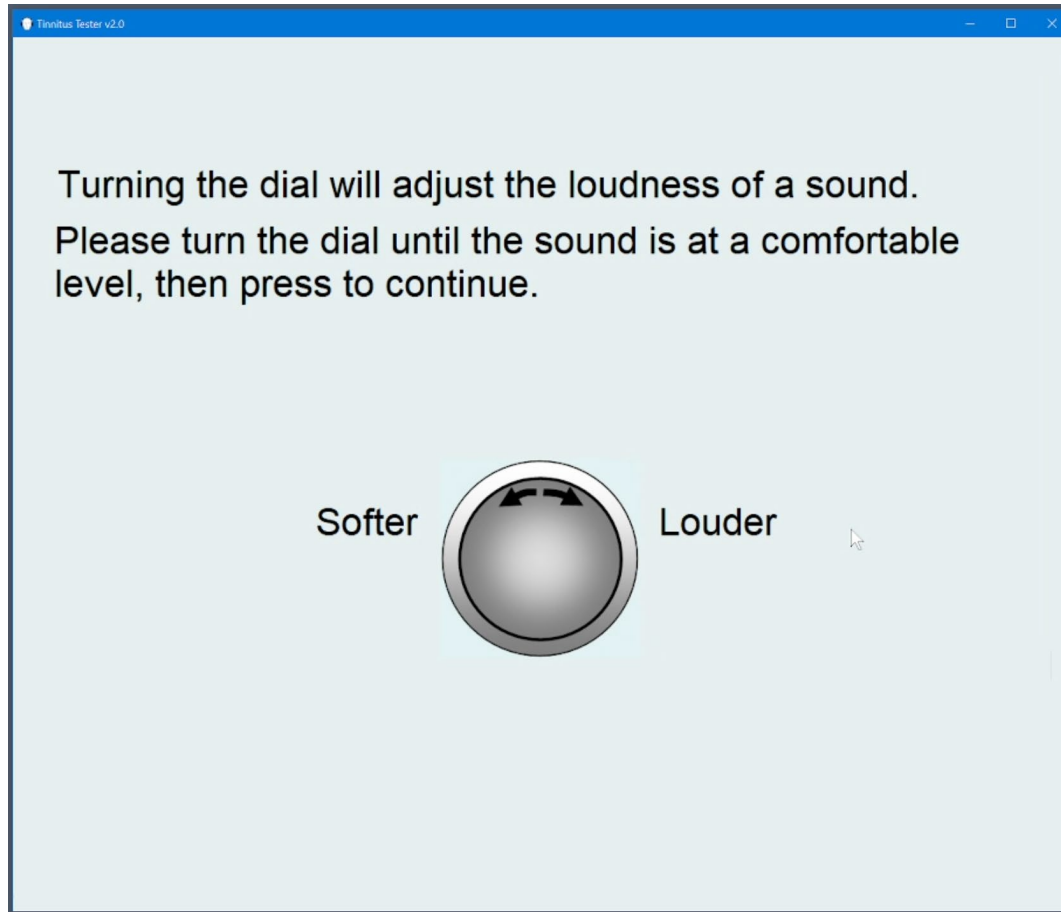
Create Report

Tinnitus Ear



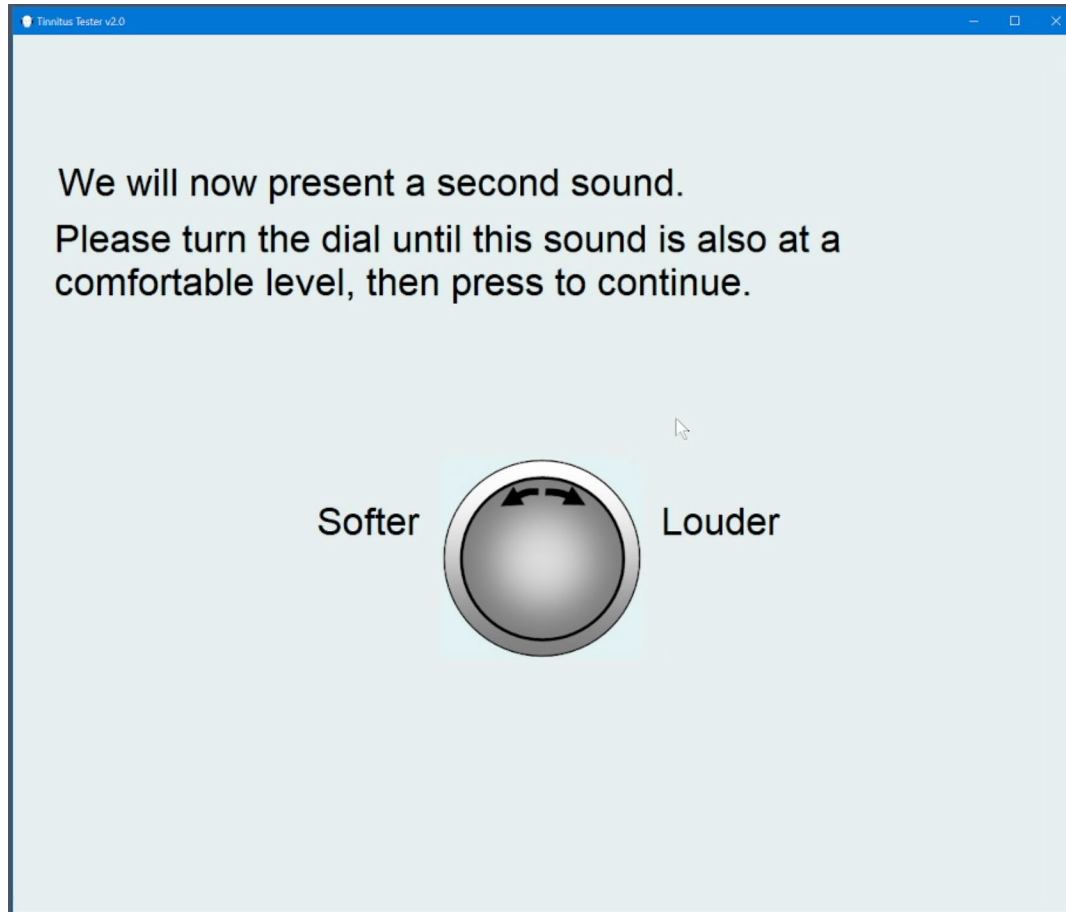
- Which ear is your tinnitus coming from?
- Turn the dial to select one of the options, then press when you've made your selection

Loudness Comfort Level – 500 Hz



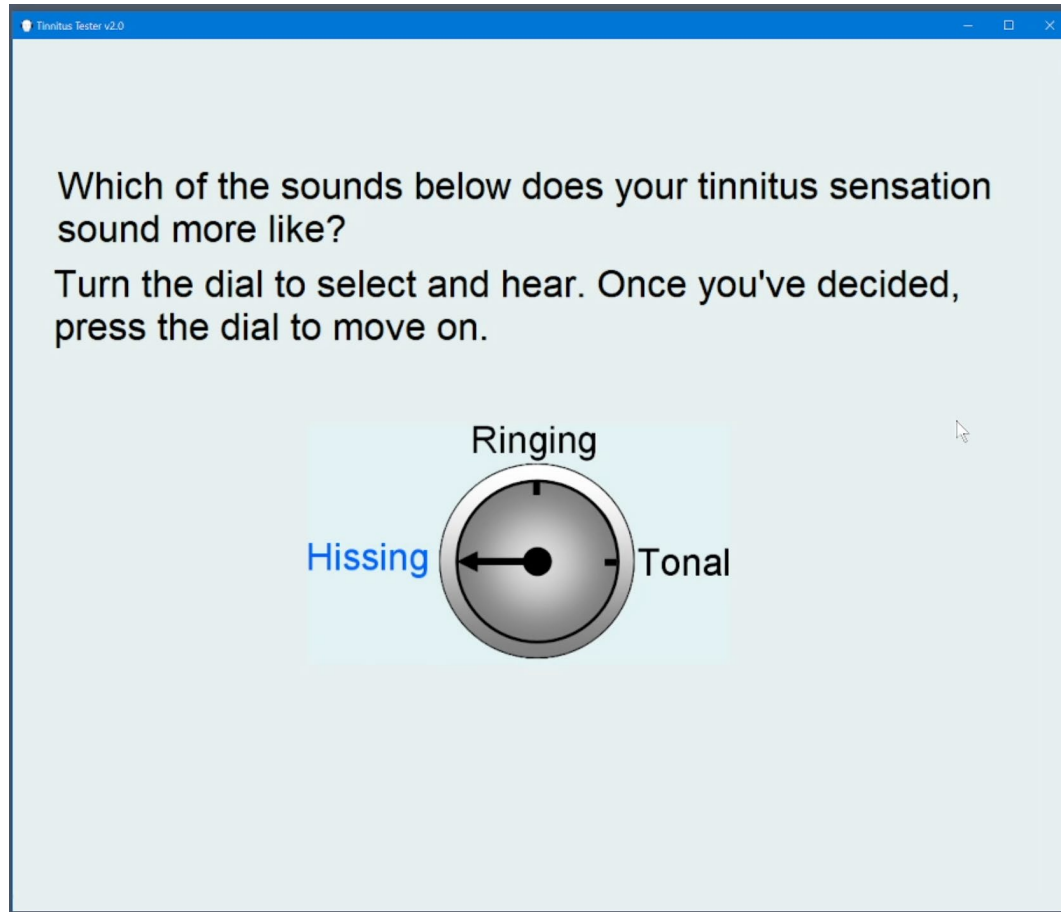
- Turning the dial will adjust the loudness of a sound.
- Please turn the dial until the sound is at a comfortable level, then press to continue

Loudness Comfort Level – 5kHz



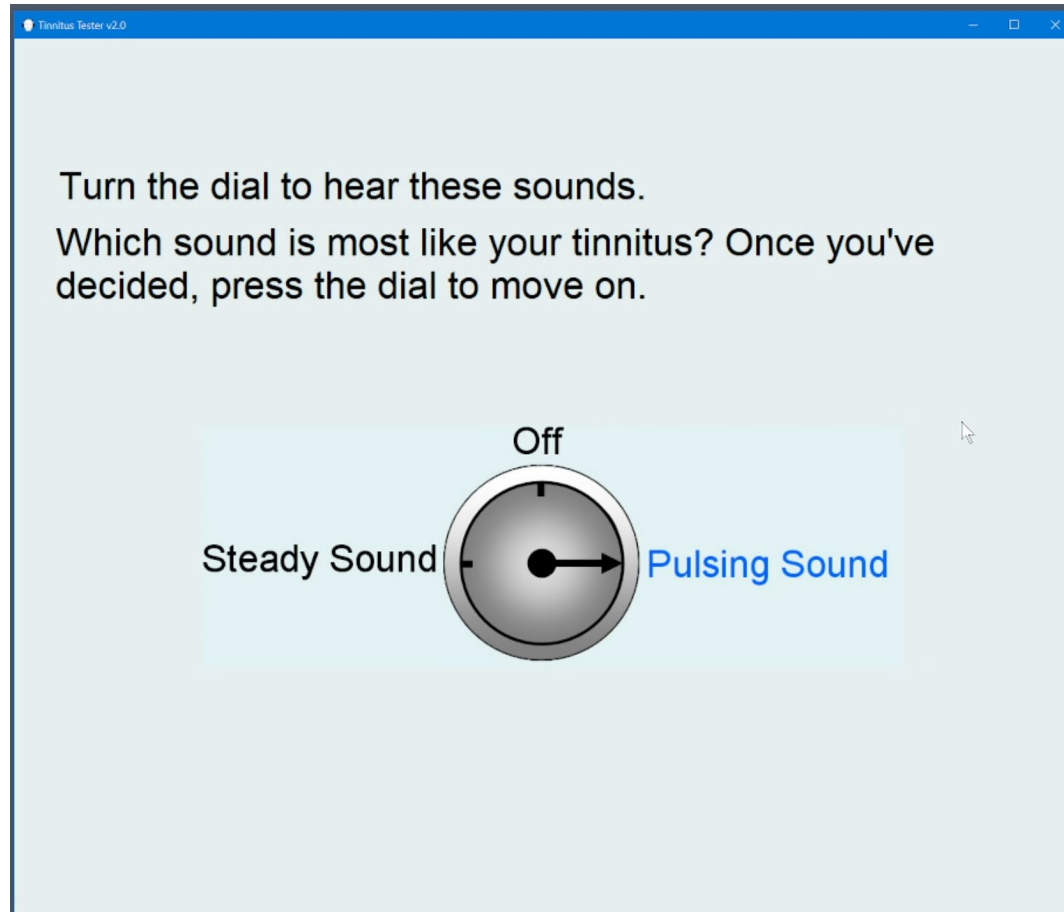
- We will not present a second sound.
- Please turn the dial until this sound is also at a comfortable level, then press to continue.

Tinnitus Bandwidth Selection



- Which of the sounds below does your tinnitus sensation sound more like?
- Turn the dial to select and hear. Once you've decided, press the dial to move on.

Tinnitus Envelope Selection



- Turn the dial to hear these [steady or pulsing] sounds.
- Which sound is most like your tinnitus? Once you've decided, press the dial to move on.

Tinnitus Loudness – Visual Analog Scale

Tinnitus Tester v2.0

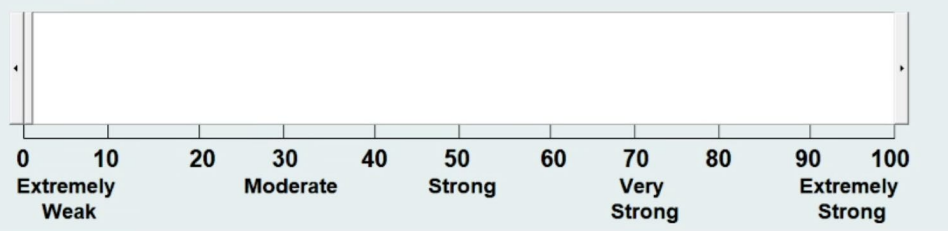
Tinnitus Loudness Rating

We have now switched the sounds off, so that you can hear only your tinnitus. Listen to your tinnitus now.

How Loud is your tinnitus?

Rate its loudness on the scale below by turning the dial, then press to record your rating.

Loudness Rating

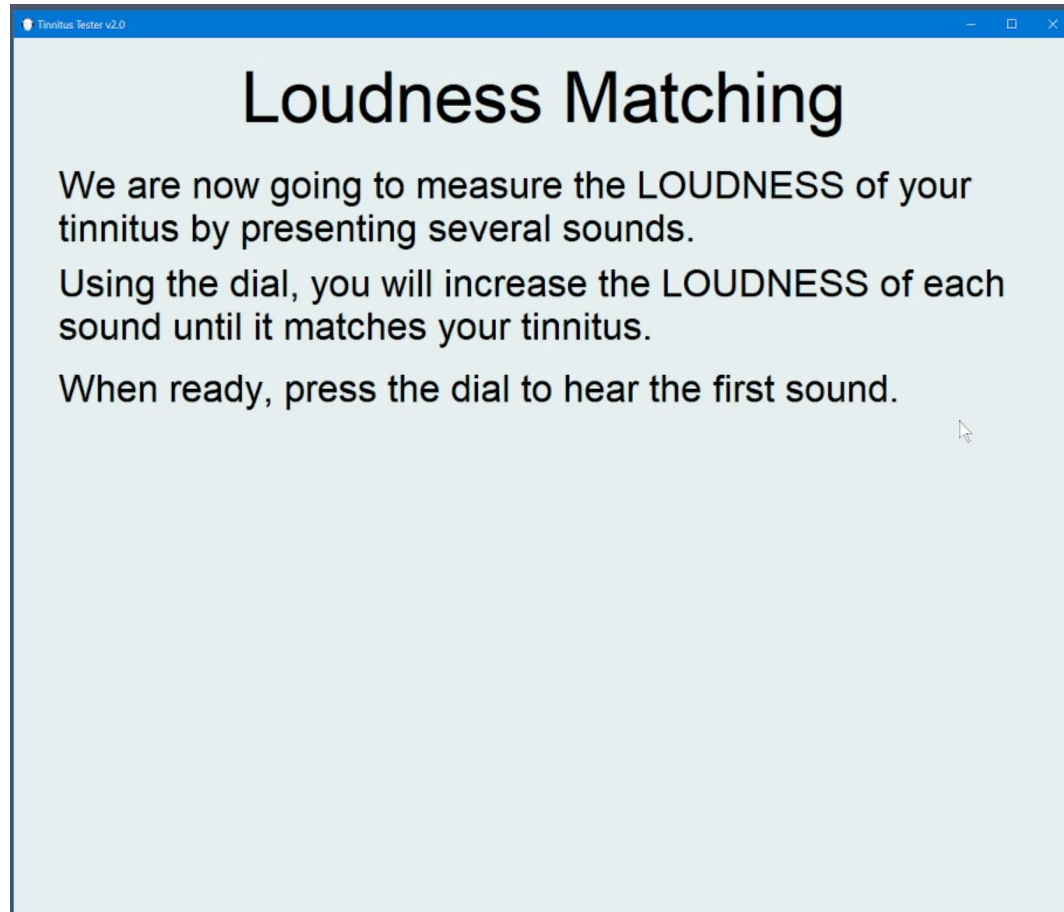


0 10 20 30 40 50 60 70 80 90 100

Extremely Weak Moderate Strong Very Strong Extremely Strong

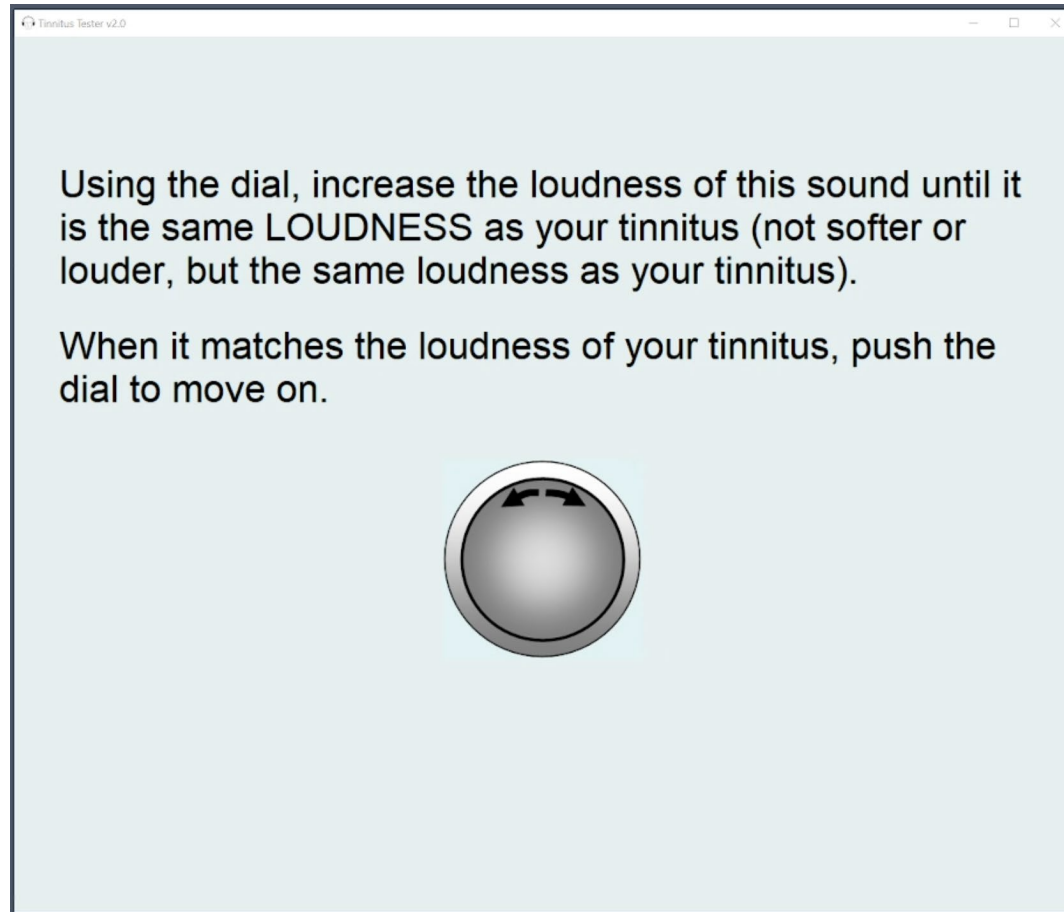
- We have now switched the sounds off, so that you can hear only your tinnitus. Listen to your tinnitus now.
- How loud is your tinnitus?
- Rate its loudness on the scale below by turning the dial, then press to record your rating.

Tinnitus Loudness Matching - Begin



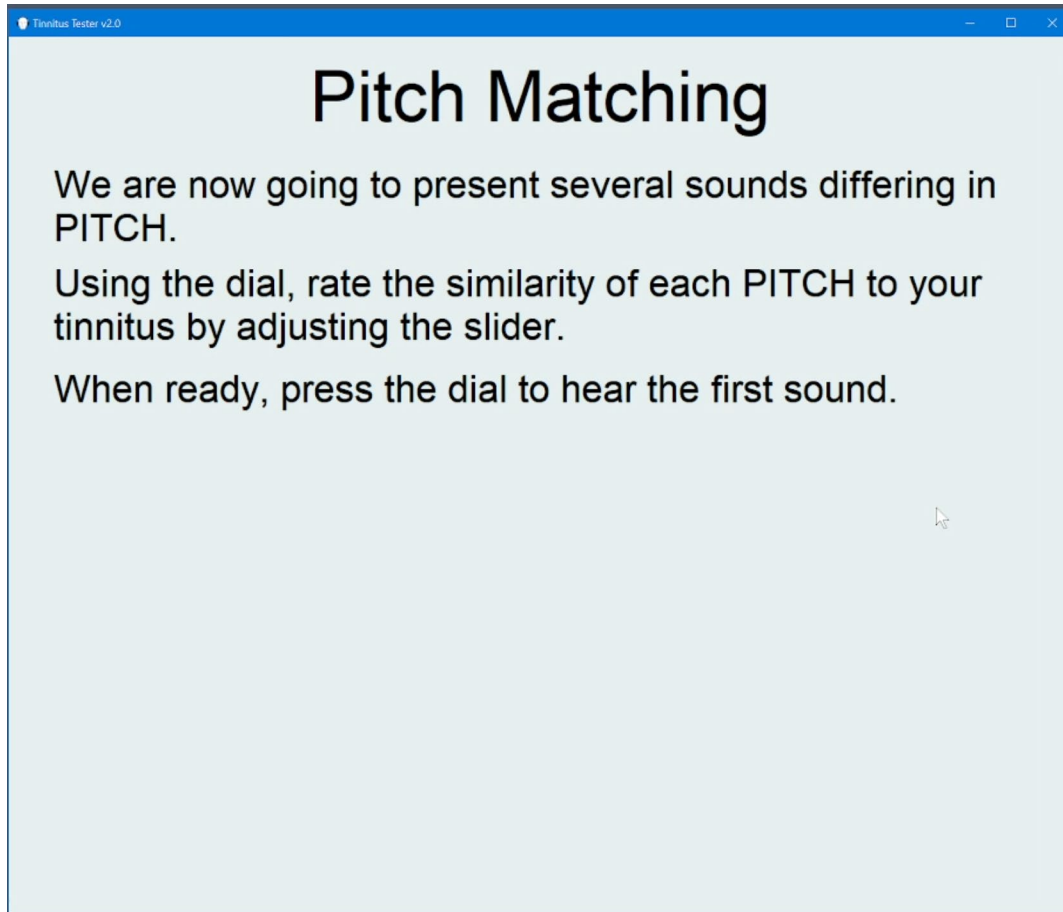
- We are now going to measure the LOUDNESS of your tinnitus by presenting several sounds.
- Using the dial, you will increase the LOUDNESS of each sound until it matches your tinnitus.
- When ready, press the dial to hear the first sound.

Loudness Matching Repetition: repeated twice, for each of 11 frequencies



- Using the dial, increase the loudness of this sound until it is the same LOUDNESS as your tinnitus (not softer or louder, but the same loudness as your tinnitus).
- When it matches the loudness of your tinnitus, push the dial to move on.

Pitch Matching - Begin



- We are now going to present several sounds differing in PITCH.
- Using the dial, rate the similarity of each PITCH to your tinnitus by adjusting the slider.
- When ready, press the dial to hear the first sound.

Pitch Matching Repetitive Step:

Repeated thrice for each of 11 frequencies


Tinnitus Tester v2.0

Pitch Matching

You should now hear a sound playing. How similar is the PITCH of the sound to your tinnitus? Rate PITCH similarity by turning the dial, then press to record your rating.

Starting First Sound...

Pitch Rating

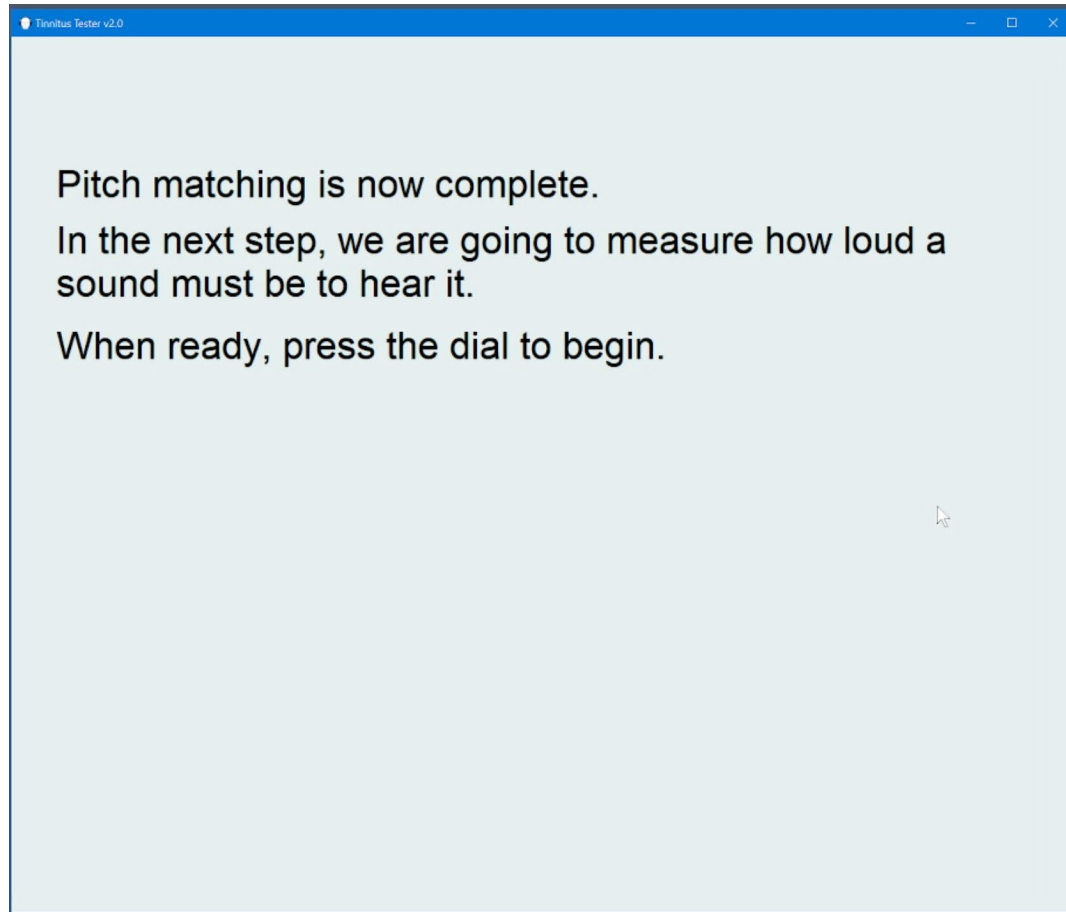


0 10 20 30 40 50 60 70 80 90 100

Not At All Not very Similar Somewhat Similar Very Similar Identical

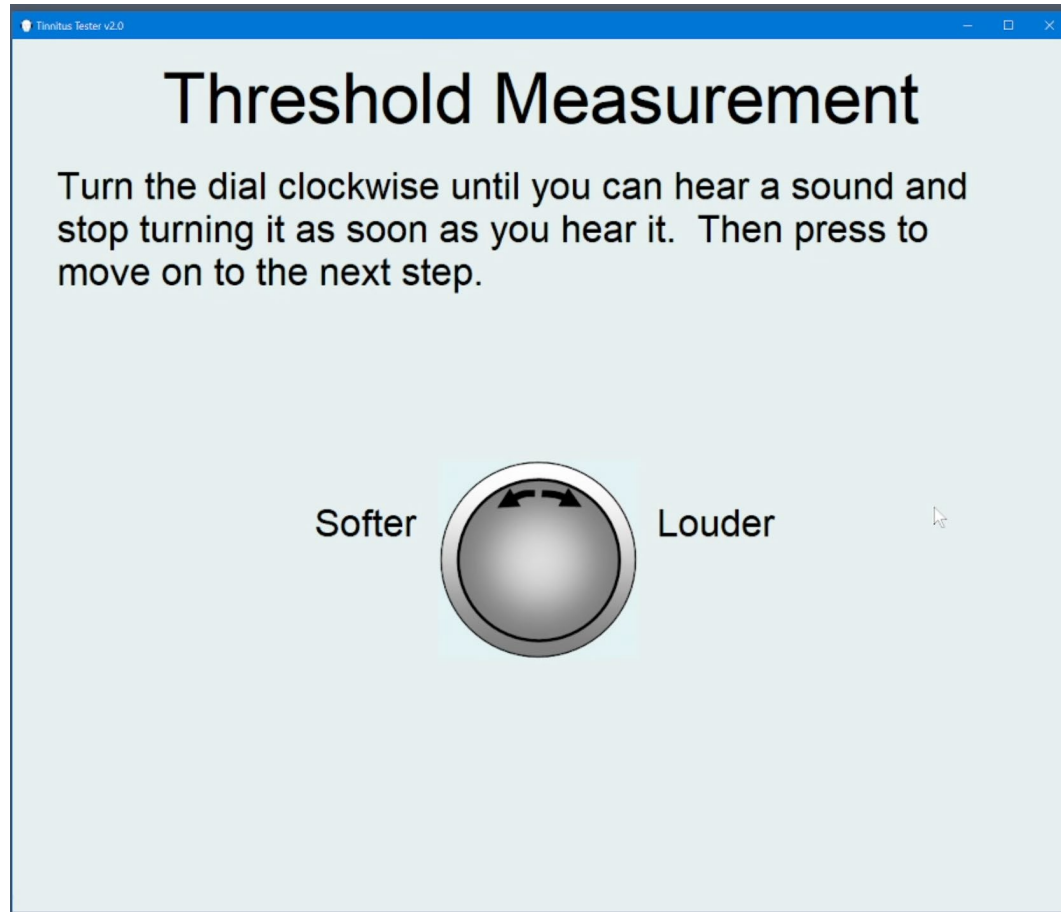
- You should now hear a sound playing. How similar is the PITCH of the sound to your tinnitus? Rate PITCH similarity by turning the dial, then press to record your rating.

Pitch Matching Complete



- Pitch matching is now complete.
- In the next step, we are going to measure how loud a sound must be to hear it.
- When ready, press the dial to begin.

Threshold Measurement



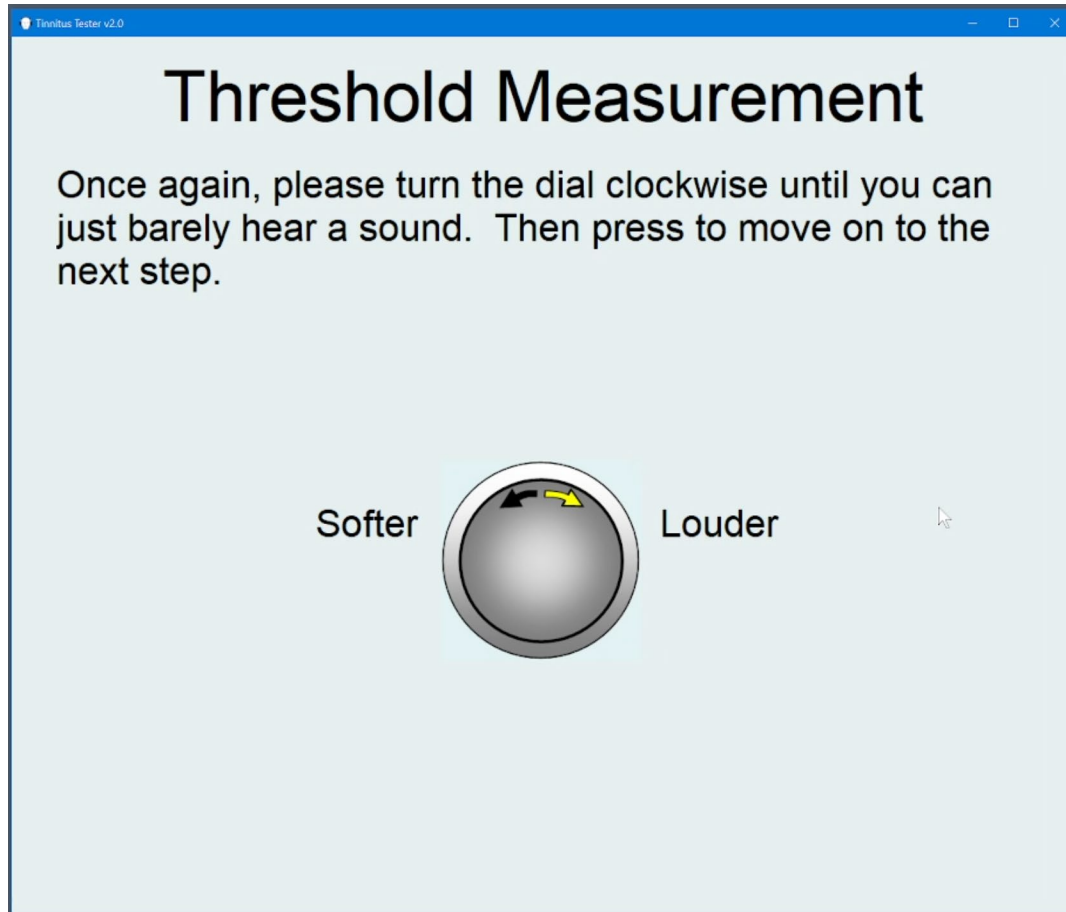
- Turn the dial clockwise until you can hear a sound and stop turning it as soon as you hear it.
- Then press to move on to the next step.

Threshold Measurement, part 2



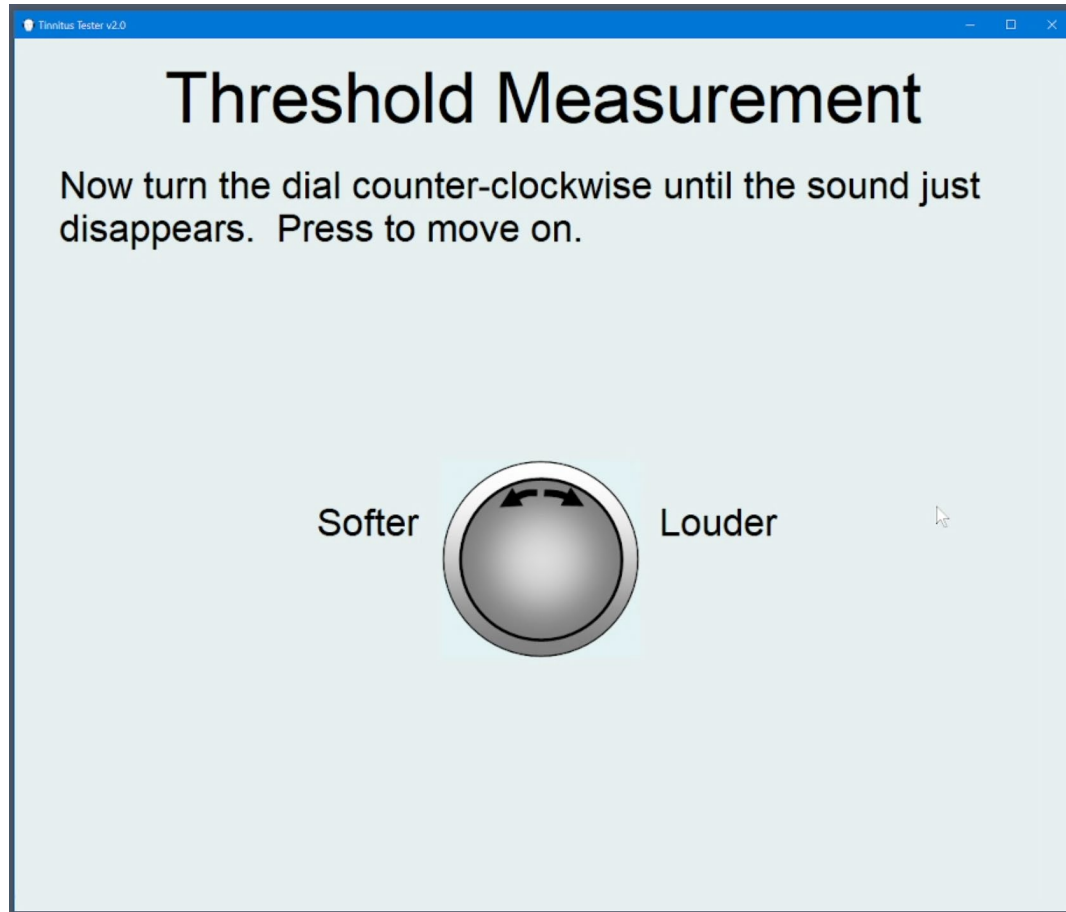
- You should now hear the sound playing softly. Turn the dial counter-clockwise until the sound just disappears, then click to move on.

Threshold Measurement, Part 3



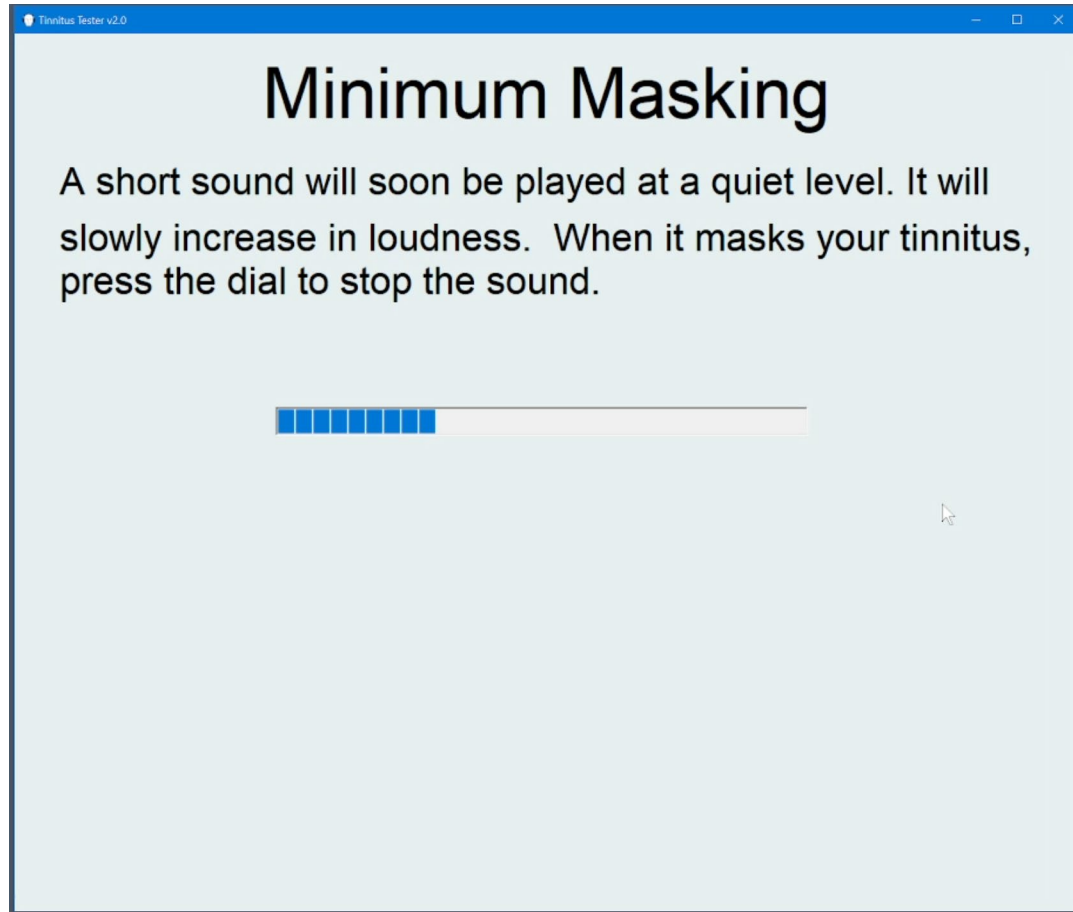
- Once again, please turn the dial clockwise until you can just barely hear a sound. Then press to move onto the next step.

Threshold Measurement, Part 4



- Now turn the dial counter-clockwise until the sound just disappears. Press to move on.

Minimum Masking Level, part 1



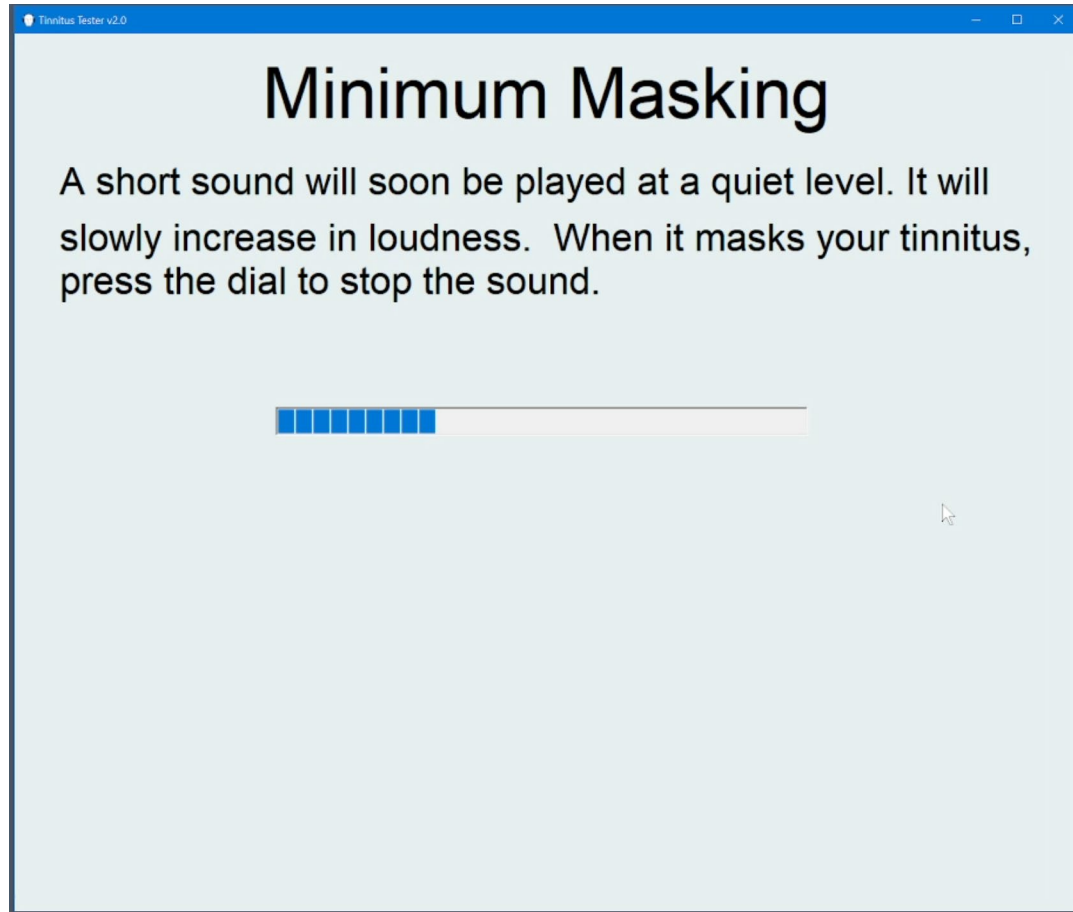
- A short sound will soon be played at a quiet level. It will slowly increase in loudness. When it masks your tinnitus, press the dial to stop the sound.

Minimum Masking Level, Part 2



- A sound is now playing softly. Listen carefully.
- When the sound is just louder than your tinnitus, press the button to stop the sound.

Minimum Masking Level, Part 3



- A short sound will soon be played at a quiet level. It will slowly increase in loudness.
- When it masks your tinnitus, press the dial to stop the sound.

Minimum Masking Level, Part 4



- A sound is now playing softly. Listen carefully.
- When the sound is just louder than your tinnitus, press the button to stop the sound.

Finish