

Procedure for Using the Maico (MA1) Audiometer

1. Plug the headphone jack into the top of the handheld device. (See diagram below)
2. Press the black right/left button to turn on the MA1. If the unit does not turn-on, replace the batteries. After replacing the batteries if the unit remains inoperative, contact the team Captain.
3. Place the headphones on the person being screened, red over right ear, blue over left ear. Be sure that their hair, hat, or any other obstacle is not covering the ears. Center the ear pieces directly over the ears.
4. Instruct the person "you will hear a beep. When you hear it, please raise your hand. Put your hand down when the beep stops."
5. Set the volume to the highest level which is 50 dB by pressing the button on the right of the unit next to the UP ARROW until the light next to the 50 is lit.



6. To determine if the subject understands the process, press the 4 button at the top of the center vertical frequency column. Ask the subject to raise a hand when they hear the tone. After the subject raises a hand, press button 2. If the subject does not raise a hand, remind them to raise a hand whenever they hear a tone. Continue with the remaining buttons (1 and 0.5) to confirm the subject understands the procedure. If they are unable to follow the directions consistently, choose another method of screening, such as the OAE or Erosan.
7. To begin the actual screening process, press the button next to the down arrow until the light at 25 dB is lit.
8. Instruct the person that these beeps will be quieter and to listen carefully.

Procedure for Using the Maico (MA1) Audiometer

9. Hold the unit so that the person cannot see you pressing the buttons. You can face the person away from you.
10. In random order, press each of the 4 frequency buttons (4,2,1,0.5) individually, waiting for the person to raise a hand for each tone. Switch from right ear to left by pressing the button between the R and L. The red light will light for right ear and the blue for left ear. Change ear in random order during the screening. It is important to change the timing between pressing the buttons so that the subject does not anticipate "when" a response from them is expected.
11. If they do not hear the 0.5 tone at the 25 dB volume level, try it at 30 dB level by pressing the button next to the UP ARROW one time until the light next to 30 is lit. If they hear it a 30dB this is a PASS at this frequency (0.5). Many older adults will not be able to hear this decibel level at such low volume. Children should be able to hear this.
12. IF THE PERSON DOES HEAR ALL OF THE TONES, MARK "PASS" (APROBADO) ON THE CHILD INFORMATION AND REPORT FORM #1 AND THE CONSENT FORM #2. This information is at the bottom of both forms. Highlight this information.
13. IF THE PERSON DOES NOT HEAR ONE OR MORE TONES, PUT AN "X" IN THE BOX CORRESPONDING TO THE FREQUENCY (VERTICAL NUMBERS) AND VOLUME (dB) THAT THEY DID NOT HEAR. MARK "REFER" (RECOMENDADOS EXAMEN, CONSULT) ON THE CHILD INFORMATION AND REPORT FORM #1 AND CONSENT FORM #2. This information is at the bottom of both forms. Highlight this information.
14. Put a check mark next to the screening equipment that was used to screen, i.e Maico, Audiometer.
15. If there is a referral, staple the MA1 Hearing Test Form to the back of the Child Information and Report Form #1.

The unit will turn off after 30 seconds of inactivity.

For more information:

https://www.schoolhealth.com/media/pdf/51128_MA1_Operating_Instructions.pdf