

## 1 ABOUT THIS QUICK GUIDE

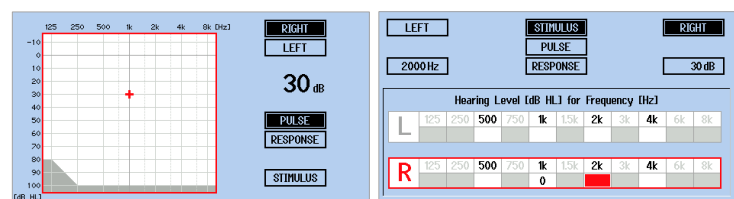
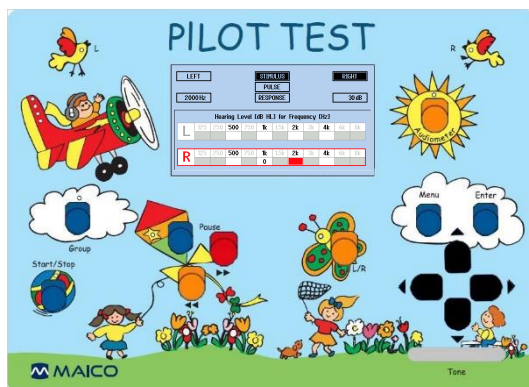


This Quick Guide is not meant to replace the operation manual. Reading the entire operation manual prior to operating the device is mandatory!  
Some of the following functions may vary by the individual settings made.

## 2 PREPARATION

- ✓ Testing room should be quiet and child sits at least 1 m from audiometer.
- ✓ Switch on the instrument.
- ✓ Place the headphones on the patient: **red** side on the **right** ear, **blue** side on the **left** ear. Adjust the headband of the headphones so that the transducers are at the correct angle (i.e. the sound output grid exactly facing the ear canal) and secure on the head. Make sure the child's hair and/or glasses are away from the ear.

## 3 PURE TONE SCREEN OPERATION






### PURE TONE SCREEN OPERATION

<b>Audiometer</b> 	<b>L/R Ear</b> 	<b>Present tone</b> 
<b>Frequency</b> 	<b>Level</b> 	<b>Score result</b> 


## 4 PURE TONE SCREENING EXAMPLE

The following example uses a **Pass** or **Refer** result and is used to determine if further testing is required. Screening is typically completed at a level of 20 dB HL at 500 Hz, 1000 Hz, 2000 Hz, and 4000 Hz in each ear.

The following is a sample of a screening protocol. Please refer to your state or facility guidelines for specific test procedures for your location.

1. Press the **Audiometry** key to perform a pure tone hearing test.
2. Press the **L/R Ear**  key to select the test ear. Ear is shown on display.
3. Set the start frequency (keys ) and hearing level (keys .


**NOTE:** Starting at a higher level than the screening guideline specifies allows you to train very young children in understanding your instruction. This would not count as part of the screening. Once you start at the screening level (i.e. 20 dB HL), the test has begun.

4. Press the **Tone**  key to present a tone for 1-2 seconds. As soon as the bar is pressed, the **STIMULUS** field on the display is highlighted.

The child should respond by raising their hand when a tone is heard. For younger children, make it a "**listening game**" where they stack blocks or drop a block in a bucket when they hear the tone. This can put the child at ease, make it more fun, and keep their attention longer.

5. Observe the child's response or non-response to the tone. Vary the length of intervals between tone presentations to ensure the child is responding to the sound and not just repeating the behavior. When the child makes two correct responses, record **Pass** and move on to the next frequency.

**NOTE:** More than one but no more than four presentations should be made at one frequency. This provides a reliability check to the response. If the child does not meet this criteria, record **Refer** and continue testing.

6. When one ear is completed, press **L/R Ear**  key to test the other ear.

### Completion of Test

The test is complete when all tones have been presented and recorded for both ears.

**Please refer to the operation manual for further instruction.**

## 5 PILOT TEST PREPARATION

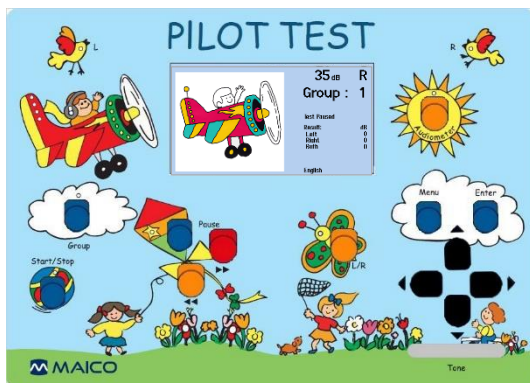
As the PILOT TEST involves picture identification, the child must first learn the correct names for the pictures. To be sure the child understands, ask the child to identify the pictures in the same manner as the screening test, i.e., **“Point to the toothbrush; show me the airplane, etc.”**. Do not start the test until you are confident that the child understands and knows the pictures.

Explain that the child is going to play the **Pilot Game!** **“The Pilot will ask where a picture is and you must point to it on the large picture board. The Pilot’s voice is going to get softer and softer so listen very carefully”**. Introduce the headphones and explain **“you will wear the headphones just like the Pilot, to hear their instruction”**. Make this instruction fun and entertaining for the child.

Place the pictures in front of the child for selection.

The monitor phone is placed on the examiners ear to hear test words.





## 6 PILOT TEST SCREEN OPERATION



### PILOT TEST SCREEN OPERATION

GROUP	L/R Ear	Start/Stop
		
		

## 7 PILOT TEST SCREENING PROCESS

1. Press the **L/R**  key to select the first test ear. **R** (Right) or **L** (Left) will display on the screen.
2. The test **Group** is displayed on the screen. Press the **Group**  key in the left cloud to change the test group. There are four test groups to select.
3. Press the **Start/Stop**  key, to start the test. Once started, **“Test Running”** shows on the display.
4. After the instruction sentence the first picture/word appears and is presented at the start level.
5. The child should respond by pointing to the picture. The tester marks the response.
6. The test will automatically go to the next sentence/word and the volume level decreases. Continue to mark the answers.
7. When the test set has completed for one ear, select the other ear by pressing the **L/R**  key and confirm a new **Group** is selected.

### Completion of Test

The test is complete when all words have been presented and recorded for both ears or the child is no longer responding.

**Please refer to the operation manual for further instruction.**

## 8 SCREENING RECOMMENDATION

Note that these screening processes are considered the minimum standard. It is recommended to compare the screening processes with the national guidelines/procedures and adapt when necessary.