

Clip 2 Title slide: Obtaining gain curves using the FP35 hearing aid test box/analyzer

How to obtain comparative gain curves using the FP35 test box.

Find a quiet space.

Put a new battery in the hearing aid.

Do a listening check of the hearing aid before test box measures.

Ensure that the test box is leveled.

Check that GAIN is displayed in the top left corner of the screen.

If it isn't, then press the menu button. A pop-up menu will be displayed. The cursor should already be next to DISPLAY on the menu.

Press the left or right arrow button until you see GAIN next to DISPLAY on the menu.

Press the Exit button. The pop-up menu will disappear and GAIN should now be displayed in the top left of the screen.

Above the F4 button should read Digital Speech shown as 'DIG SPCH'. If not, press the F4 button repeatedly until Digital Speech is shown.

The initial input level for Curve 1 should be 50dB. Most test boxes will have this set as default. If not, press the up or down arrow to adjust.

Connect the tone hook of the hearing aid to the tubing of the HA2 coupler.

Position the hearing aid so that the microphone is in the centre of the speaker. Switch on the aid. Close the lid.

Ensure Curve 1 is shown above the F2 button. If not, press the F2 button until it reads Curve 1.

Press the START/ STOP button to run the first response curve.

A response curve will be displayed on the screen. Allow a few seconds for the curve to settle.

Press the START/ STOP button to freeze Curve 1.

Press the F2 button to select Curve 2. Ensure DIG SPCH is still shown above the F4 button. If not, press the F4 button repeatedly until DIG SPCH is shown.

The input level should read 65dB.

If necessary, press the up or down arrow buttons to adjust.

Press the START/ STOP button to run the second response curve, again allowing a few seconds for the curve to settle. Press the START/ STOP button to freeze Curve 2.

Press the F2 button to select Curve 3. Ensure DIG SPCH is still shown above the F4 button. If not, press the F4 button repeatedly until DIG SPCH is shown.

The input level should read 80dB. If necessary, press the up or down arrow buttons to adjust.

Press the START/ STOP button to run the third response curve.

Press the START/ STOP button to freeze Curve 3.

Press Print to obtain a copy of the curves.

SMOOTHING

To view the curves more clearly, enable smoothing.

Press Menu. A pop-up menu appears.

Press Next.

Press the down arrow until the cursor indicates Smoothing.

Press the right arrow. LOG will be displayed.

Press EXIT.

Smoothing is now enabled.

To DELETE curves

To delete the curves, press the F1 button followed by the START/ STOP button. This will delete the currently selected curve. Press F1, followed by the START/ STOP button again, to delete all curves.

Closing screen: Clip 2 in a series of videos on using the test box.

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