

Clip 4 Title slide: Open lid FM Advantage procedure for setting up the Roger TouchScreen radio aid with the FP35 test box.

Connect and switch on the test box.

Press the F3 button to enter the Coupler Multicurve test screen.

Open the chamber lid and place the coupler microphone on the centre of the speaker.

As the lid will remain open the HA2 coupler does not need to be placed in the chamber.

Make sure the environment is as quiet as possible. This is even more crucial due to the lid remaining open.

Press the F5 button. A message will appear on the screen.

Press the START/ STOP button to level the sound chamber.

A leveling tone will be generated.

If leveling was successful then LEVELED will be displayed at the top right of the screen. If it says UNLEVELED or SEMI-LEVELED then you will need to level again ensuring that there is no background noise

Insert the coupler microphone into the HA2 coupler fully

Select Smoothing option from the main menu.

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.

NB EWING slide: It is important to carry out a listening check of the hearing aid and radio aid prior to the test box procedure. This is to ensure that there aren't any obvious faults such as crackling and distortion.

Check the screen in the top left corner. This should read SPL for Sound Pressure Level.

If it doesn't, then press the menu button. A pop-up screen will be displayed. Press the down arrow to move the cursor next to DISPLAY on the menu. Press the left or right arrow buttons until you see SPL next to DISPLAY on the Menu.

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

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

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

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

The input level for Curve 1 should be 65dB. If not, press the up or down arrow buttons to adjust.

Switch on the hearing aid and position it so that the microphone is facing centre of the speaker.

Press the START/ STOP button to obtain a response curve for the hearing aid, allowing a few seconds for the curve to settle.

Press the START/ STOP button to freeze Curve 1.

Attach the Roger receiver and shoe to the hearing aid and place on a soft surface outside of the test box.

The Roger TouchScreen transmitter must be in Verification mode for this procedure. Turn on the transmitter.

Swipe the screen and tap the Settings button.

Scroll down and tap on Verification mode.

Tap on Activate, then tap the return arrow.

Tap the Home button.

The transmitter is now in Verification mode.

Be aware that the transmitter may exit Verification mode after a period of time but will still display Verification mode.

For this reason, it is best to activate Verification mode immediately before carrying out the procedure.

Hold the TouchScreen transmitter within 10 cm of the receiver and tap the Connect button.

Move the hearing aid as far away as possible.

Position the TouchScreen transmitter onto the centre circle of the loud speaker as shown. The elastic band helps to hold the transmitter in position.

Press the F2 button to select Curve 2. Ensure that 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 show 65dB. If necessary, press the up and down arrow buttons to adjust.

The output level of the receiver needs to be adjusted to match Curve 1. This is done using EasyGain.

Another Roger transmitter can be used to adjust EasyGain.

Hold the transmitter within 10cm of the receiver.

Swipe the screen and tap on Settings.

Scroll down and tap on Roger receiver settings.

Tap on EasyGain.

Reduce EasyGain to the minimum (-8).

Press the START/ STOP button to create a response curve for the radio aid and hearing aid combined.

Holding the transmitter within 10cm of the receiver, increase to EasyGain one step at a time, allowing the curve to settle after each press.

Increase until Curve 2 matches Curve 1, as closely as possible.

Press START/ STOP to freeze Curve 2.

Press the F2 button to select Curve 3. Ensure that 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.

Note the value of EasyGain for your records.

To exit the Verification mode, switch off the transmitter and switch on again or deactivate from the Settings menu.

Remember to connect the receivers again. Hold the transmitter within 10cm of each receiver and press Connect.

End screen:

Clip 4 in a series of videos on using the test box.

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