



Inspire[®] 3.0

Reference Guide

Inspire[®] OS

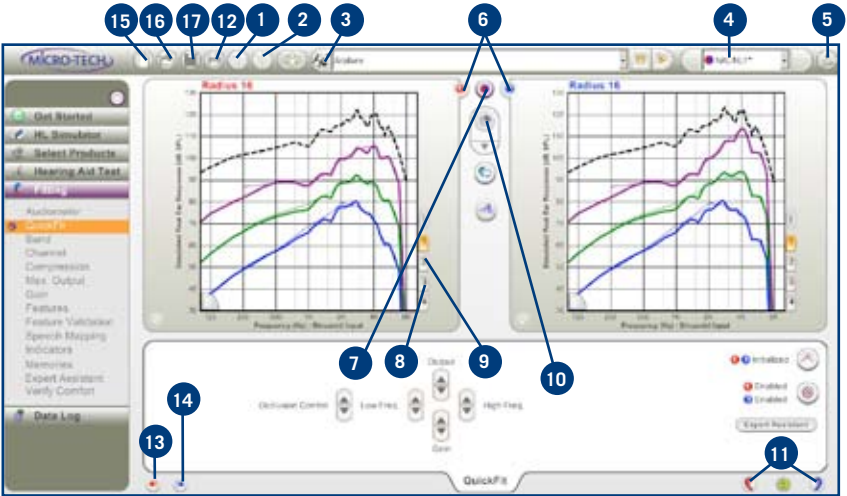
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Please refer to Inspire 3.0 Help File for more detailed information.

Inspire OS General Overview

Overview of the functionality of general software icons



1. **Undo** previous actions step by step or use the drop-down box to undo multiple adjustments.
2. **Redo** reapplies steps removed by the Undo process. The drop-down box allows multiple adjustments to be reapplied.
3. **Media Player** launches a wide variety of environmental sounds.
4. **Default Fitting Formula (NAL-NL1*)** is displayed. Additional fitting formula options are available via the drop-down box.
5. **StarLink** offers instant messaging as well as optional remote control of your PC by a Customer Service Representative. Another feature offered is a convenient method to e-mail Micro-Tech when a question or comment does not require an immediate response. StarLink requires an Internet connection.

6. **Right or Left** monaural icons activate the monaural condition. This may be utilized when an adjustment is desired to a single instrument in a binaural fitting.
7. **Binaural** indicates changes are applied binaurally and is the default when two instruments are detected.
8. **Memory Tabs** provide a quick method to view the selected environment. Hover the mouse cursor over the tab; a different environment can be selected directly from the tabs if desired.
9. **Link Memories** is a one-click method to link all four memories for adjustment purposes.
10. **Best Fit** provides a one-click method to match the selected fitting formula targets. Clicking on the icon will also reset features to their Best Fit defaults.
11. **Connection Status** shows that the hearing instruments are connected and communicating with the programmer (HiPro, NOAHLINK, or PFS Connect). These icons will animate and display different colors when changes are writing to the device or when the device is read. Hover your mouse cursor over the icons to open a tool tip with specific information about the device, such as style, matrix, serial number, and firmware version.
12. **Print** various reports from Inspire OS.
13. **Mute Right** to turn off hearing aid microphone.
14. **Mute Left** to turn off hearing aid microphone.
15. **Start a New Session** provides an easy way to begin a new fitting without leaving Inspire OS.
16. **Open a Session** retrieves a previously saved session.
17. **Save.**

Inspire OS Screen Overviews

Overview and description of each screen in the left navigation bar of Inspire OS 3.0

Hearing Loss Simulator: Provides an interactive tool to simulate a hearing loss. External speakers are recommended.

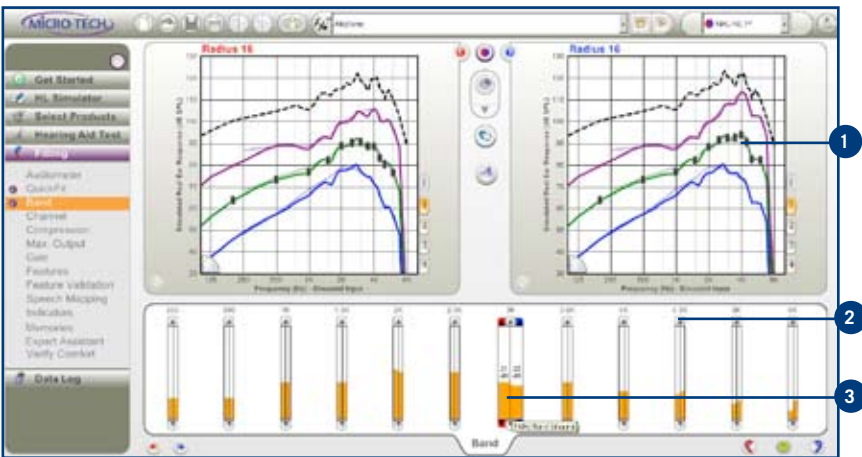
Select Products: Provides a fast, error-free order process. The printout contains a bar code for faster processing.

Hearing Aid Test: Provides an efficient method to perform hearing aid evaluation.

Audiometer: Allows in-situ testing of thresholds and UCLs within the purple region. The region will vary depending on the device matrix. Common sounds and speech spectrum overlays are available as well. Availability varies by product.

Quick Fit: Provides four basic adjustments and offers quick and easy access to Expert Assistant, Active Feedback Intercept initialization, and Occlusion Control. If binaural devices are connected, AFI initialization will be performed on both sides simultaneously.

Band: Allows frequency-specific gain adjustments using drag and drop or slider controls. Expanding slider functionality applies to all available slider controls.



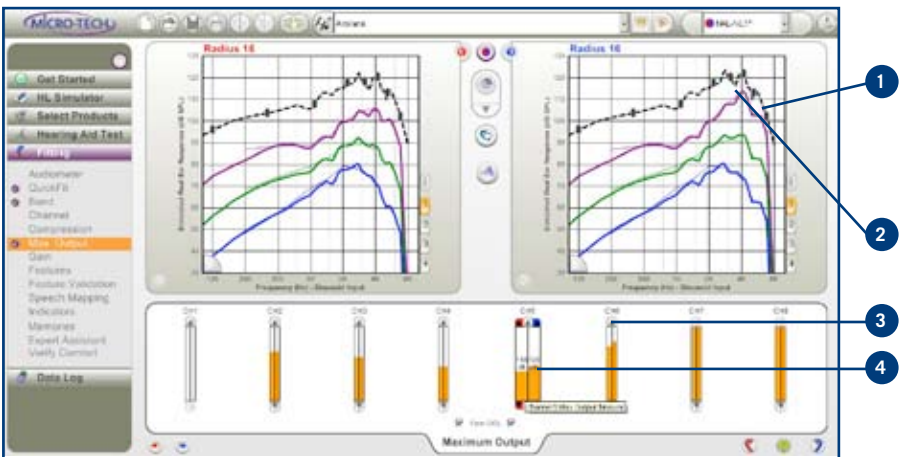
Make frequency-specific gain adjustments using drag and drop controls **1** on the graph or via the arrows on the slider controls. **2**

Hover over sliders to expand the controls **3** to make easy monaural adjustments.

Channel: Offers both drag and drop and slider control adjustments for compression ratio. A compression super control adjusts overall channel gain as well as compression ratio via gain loud and gain soft.

Compression: Provides the flexibility of compression threshold adjustment. The compression threshold shape is based on the Long Term Average Speech Spectrum and is changed via the Compression Shape. The compression thresholds and compression ratios are graphically displayed to provide additional compression information.

Max. Output: Adjusts the output per channel. Changes are easily viewed on the SPL graph and are indicated by the dashed black line.



View Max. Output via the dashed black line **1** in any screen with the SPL graph.

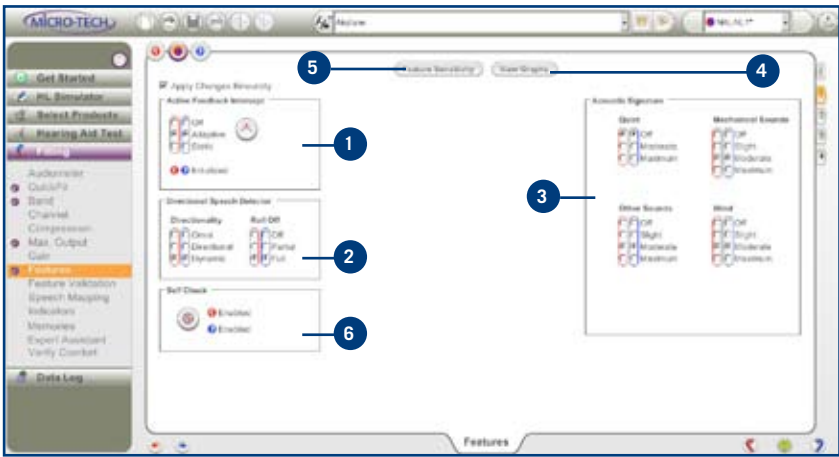
Make channel specific output adjustments using drag and drop controls **2** on the graph or via the arrows **3** on the slider controls.

Hover over sliders to expand the controls **4** to make easy monaural adjustments.

Volume Control/Gain: Displays use gain and indicate how far the user must rotate the VC before the indicator tone is heard (¼ rotation, ½ rotation, etc). The indicator is presented on the forward and backward rotation. For devices without a VC, the left navigation bar will indicate gain.

The volume control wheel is disabled during programming.

Features*: Offers adjustment options for Advanced Features all on one screen. Self Check is available for the Radius™ 16. Changes may be made in any memory either binaurally or monaurally. Feature Sensitivity offers access to additional parameters such as time constants and directional switching sensitivity.



View AFI setting or run the initialization from this screen. 1

Adjust the DSD setting and/or Roll Off 2 based on patient input.

Fine-tune Acoustic Signatures* 3 via the radio button controls.

Click on View Graphs 4 to see response and targets.

**Features vary by product.*

Select Feature Sensitivity **5** to access additional adjustment parameters.

Click on Self Check **6** to set a baseline or perform a diagnostic.

Feature Validation: Provides a real-time method to view active adaptive algorithms. Available features vary by product and may include Quiet, Wind, Mechanical Sounds, Other Sounds, Noise, Speech in Noise, Speech and Directional Speech Detector. Additional functionality includes feature setting adjustments and a display to view the pattern of adaptation. Feature Validation may be used in conjunction with Surround Town™ or the Media Player to highlight algorithm capabilities.

Speech Mapping: Displays the input to the hearing instrument microphone plus the programmed gain of the device based on real-time measurements. This versatile tool seamlessly interfaces with other Inspire OS features such as Feature Validation or Media Player to show the effect of the adaptive algorithms on the hearing instrument response. Recording options include capturing a single curve or capturing the input over time to display an average. A customized palette is available to label the captures.

Indicators: Provides the ability to test the initial presentation level and to make adjustments as needed. This screen also provides the option to enable/disable the indicators and to set the length of time it takes for the device to power on. For the Radius 16, optional Voice Indicators are available.

Memories: Offers two views:

Standard — Allows selection of the memory environment; clicking on the tabs in the lower right of the main graphs provides the same function.

Advanced — Expands the memory programming flexibility by providing an easy method to move, copy or link memories.

A multicurve display is available for viewing the responses for all memories on one graph via Display: Multicurve.

Expert Assistant: Offers two views:

Standard — Allows for selection of a category and specific complaint.

Advanced — Provides selection of a category with the complete list of recommended adjustment options. You may choose to apply the recommended adjustments in any order.

For either view, after selecting the category and specific complaint, click on Begin to execute the action. Adjustment History will track the applied changes.

Verify Comfort: Uses an in-situ method to verify the patient's dynamic range. Frequency-specific pure tones can automatically sweep up or down, or a single tone may be presented by double clicking on the black frequency point on the graph. Adjustments to the response may be made using drag and drop functionality directly from the Verify Comfort screen for most products.

Data Log: Collects, stores, and categorizes information relating to the patient's surroundings. Rather than relying on a patient's memory and descriptive skills, Data Log makes recommendations on a wide variety of features and offers an easy, one-step approach to apply the desired changes. A printed report is available. We strongly recommend that Data Log be reset in your office after a hearing instrument has been at the factory. This will ensure the most accurate representation of the patient's data.

Surround Town: Provides a virtual reality experience to quickly and easily fine-tune the devices based on patient comments and preferences. Surround Town macros are used to demonstrate specific hearing aid features using one-click deployment. Environments include: Restaurant, Home, Automobile and Theater. Surround Town features over 30 sounds as well as the ability to move the listener within the selected environment, plus robust macro controls to make advanced feature demonstration easier.

Media Player: Launches a wide variety of environmental sounds. Images and waveforms are available to complement each sound file. The Media Player is customized through Preferences and allows for the addition of sound files as well as images.



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