QuickTIPS

NAVIGATING THE NOISE CONTROL SCREEN

Starkey
Hearing Is Our Concern™

PRODUCT AVAILABILITY: Z Series, Halo, 3 Series, Xino, Xino Classic*, Wi Series, X Series: i110/110, i90/90, i70/70

*Limited feature set in Xino Classic

SETUP

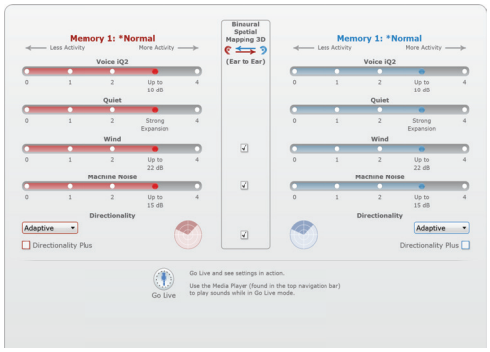
Noise control features are product, technology tier, and/or style dependent. Higher levels of technology provide more options and assistance for the patient. Default values are research-driven based on patient performance and preference.

Noise Control settings can be configured on a per-memory basis.

1. Launch **Inspire 2014.3** or higher.
2. Connect and detect hearing aids to the fitting computer via the appropriate programming accessories. Refer to the ***Boots and Cables Programming Guide*** for additional information regarding connecting the hearing aids.
3. Select **New Session** on the **Get Started** Screen, then select **Start**.
   NOTE: Auto Path will default to launching automatically for hearing aids that have not been previous read by Inspire.
4. Select **Noise Control** on the left navigation bar.
5. Select the desired memory from the **Memory tabs** on the top right corner of the Noise Control screen.
6. If changes are desired for all memories, select the **Link Memories** icon to the left of the memory tabs to link the memories together prior to making changes.

» Noise Control for Z Series now includes Acuity Directionality to provide consistent, high-fidelity sound that helps patients listen to speech in even the noisiest environments.

» Z Series now offers more aggressive wind adaption than previous hearing aids.



Noise Control Screen

VOICE iQ2

Fast-acting noise management and speech preservation system intended to help patients hear effectively in noise and reduce listening effort.

» To make Voice iQ2 more aggressive (more gain adaptation); select a radio button corresponding to more activity.

» To make Voice iQ2 less aggressive (less gain adaptation); select a radio button corresponding to less activity.

Voice iQ2

QUIET

Expansion algorithm designed to provide comfort for low level noise.

» To make Quiet more aggressive (greater expansion); select a radio button corresponding to more activity.

» To make Quiet less aggressive (less expansion); select a radio button corresponding to less activity.

Quiet

WIND

» To make Wind more aggressive (more gain adaptation); select a radio button corresponding to more activity.

» To make Wind less aggressive (less gain adaptation); select a radio button corresponding to less activity.

» To alter Wind Time Constant (speed of engagement):
-Select Wind feature name
-Select Slower or Faster as desired

NOTE: Alteration of Wind Time Constant is available in all i110/110 and i90/90 levels of technology (with the exception of Xino Classic).

Noise management system designed to provide comfort for wind noise when turbulence is detected over the hearing aid microphones.

Wind

MACHINE NOISE

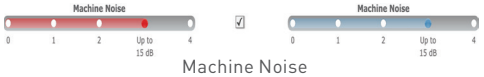
» To make Machine Noise more aggressive (more gain adaptation); select a radio button corresponding to more activity.

» To make Machine Noise less aggressive (less gain adaptation); select a radio button corresponding to less activity.

» To alter Machine Noise Time Constant (speed of engagement):
-Select Machine Noise feature name
-Select Slower or Faster as desired

NOTE: Alteration of Machine Noise Time Constant is available in all i110/110 and i90/90 levels of technology (with the exception of Xino Classic).

Noise management system designed to provide comfort for loud, steady state noise.

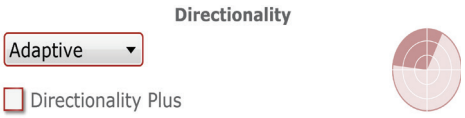


Machine Noise

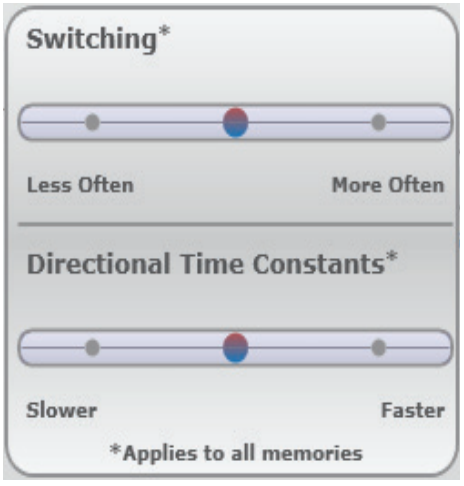
DIRECTIONALITY (MICROPHONE MODE)

1. Select desired Directionality setting from drop-down menu:
- » Omni (Omnidirectional): Fixed Response; amplifies sound from all directions equally.
- » Directional (Fixed directional): Fixed Response; amplifies sound from in front of the listener more than from behind via a hypercardioid polar plot.
- » Dynamic (Omni and Directional): Automatic switching; engages in omni or fixed directional based on environment.
- » Adaptive (Adaptive Directional): Automatic switching; Acuity Directionality with null steering and Speech ID to protect speech at all angles around the listener.

2. Select Directionality feature name for Advanced Directionality settings:
- » Select Less Often or More Often under Switching as desired.
- » Select Slower or Faster under Directionality Time Constants as desired.



Select Directionality



Advanced Directionality Settings

DIRECTIONALITY PLUS

1. Select **Directionality Plus** to enable.
   - » Defaults OFF.
   - » Available in Z Series, 3 Series wireless, and Xino wireless: i110, i90, and i70 products.

- » A more aggressive noise management strategy, providing additional gain adaptation for noise when speech is present.
- » Directional response must be engaged via Dynamic or Adaptive Directionality.

BINAURAL SPATIAL MAPPING

1. Deselect **Binaural Spatial Mapping 3D** to disable for Wind, Machine Noise, and/or Directionality.
   - » Defaults ON.
   - » Available in all i110, i90, and i70 wireless products (with the exceptions of Wi Series i70 and the Halo product family).

- » Ear-to-ear collaboration between two wireless hearing aids in a binaural fit to improve comfort and provide the best SNR possible for the listener.
- » Engages Wind, Machine Noise, and Directionality.
- » Tier-dependent

GO LIVE

1. Select **Go Live** to view Noise Control settings in real time.
2. Simulate the desired environment by selecting audio files from the **Media Player** or other source.
3. Make necessary adjustments.
4. Deselect **Go Live** to disengage the tool.

A tool for assisting the professional in adjusting the noise control settings by providing a real-time display of noise control engagement.

Go Live