

# Atlas



## 1-2-3 Get started with Atlas

## QUICK GUIDE

The following is designed to give you a quick start with fitting Atlas digital hearing aids with the Genie platform. If you need more information about Oticon's Genie platform, please refer to the Genie Fitting Guide.

### CONNECT INSTRUMENTS

**Go to Selection.** Atlas instruments use an Oticon #3 programming cable. BTE's use an adaptor and custom products use a FlexConnect strip. Connect the hearing instrument and press "Detect" in the selection screen.

**Detect Instruments**

### FIT INSTRUMENTS

**Go to Fitting.** All sounds - both speech and environmental - can be broken down into Low and High Frequency Components and occur at different intensity levels. Low frequencies (LF) determine our perceived loudness of sounds and High frequencies (HF) determine our perceived clarity/sharpness. Soft sounds occur around 50 dB and include normal to soft speech. Loud sounds occur around 80 dB and include very loud speech and environmental sounds.

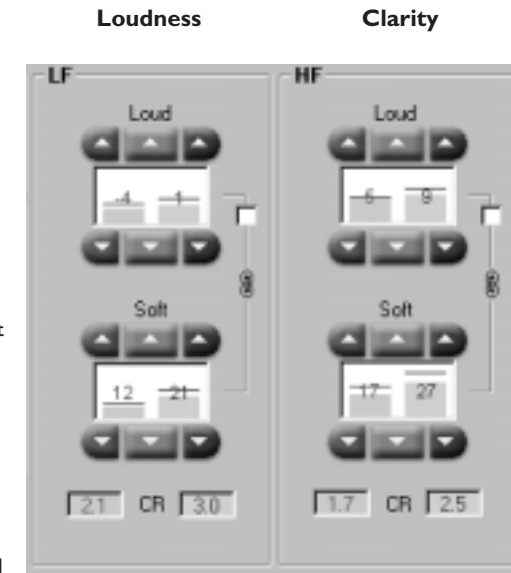
Beneath are a few suggestions on how to use the standard panel for Atlas when fine-tuning the instruments:

↗ **Increase if:**  
Own voice is muffled

↘ **Decrease if:**  
Traffic noise, slamming doors are too loud  
Voices booming

↗ **Increase if:**  
Distant sounds too soft  
Overall too soft

↘ **Decrease if:**  
Footsteps, air conditioner, running water too loud  
Distant sounds too loud



↗ **Increase if:**  
Speech is clear in quiet, but unclear in noise

↘ **Decrease if:**  
Speech in noise is clear but uncomfortable  
Cutlery clatters, screeching tires too loud

↗ **Increase if:**  
Speech in noise (restaurant) is unclear but comfortable  
Speech in quiet is unclear

↘ **Decrease if:**  
Voices are sharp or metallic

Tick the box right of the loud control to link the gain controls so the Compression Ratio (CR) doesn't change. In general we recommend that the Compression Ratio does not exceed 2.5 in order to optimise speech clarity. A higher CR might be appropriate in cases where the client experiences a reduced dynamic range or tolerance problems.

### DISCONNECT INSTRUMENTS

**Go to End Session.** Press "Save, Program and Exit". Disconnect the hearing instrument.

**Save, Program and Exit**

## Speech Intelligibility

### Speech is unclear

In quiet	Adaptation Manager ↗ HF Loud ↗
In noise	HF Loud ↗ HF Soft ↗ & LF Soft ↘

### Speech is too soft

In quiet	Adaptation Manager ↗ LF Soft ↗
In noise	Adaptation Manager ↗ HF Soft ↗ & HF Loud ↗

## Loudness

### Too soft

<b>Soft sounds</b>	
All	Adaptation Manager ↗ LF Soft ↗ & HF Soft ↗
Low-frequencies	LF Soft ↗
High-frequencies	HF Soft ↗

### Loud sounds

All	LF Loud ↗ & HF Loud ↗
Low-frequencies	LF Loud ↗
High-frequencies	HF Loud ↗

### Too loud

<b>Soft sounds</b>	
All	LF Soft ↘ & HF Soft ↘
Low-frequencies	LF Soft ↘
High-frequencies	HF Soft ↘

## Loud sounds

All	LF Loud ↘ & HF Loud ↘
Low-frequencies	LF Loud ↘
High-frequencies	HF Loud ↘

## Very loud sounds

All	LF MPO ↘ & HF MPO ↘
Low-frequencies	LF MPO ↘
High-frequencies	HF MPO ↘

## Sound Quality

Sounds are too sharp	HF Soft ↘
Sounds are muffled	LF Soft ↘
Echo	HF Soft ↘
<b>Pumping</b>	
LF sounds	LF Loud ↗ LF Soft ↘
HF sounds	HF MPO ↗

## Own voice

Sharp	HF Soft ↘
Hollow	LF Soft ↗ LF Loud ↗
Boomy	250 Hz band ↘ LF Soft ↗
Too loud	LF Soft ↘
Too soft	LF Soft ↗

## Feedback

Always	Run the Feedback Manager
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Increase = ↗      Decrease = ↘