

# Relate 2.0 ITE

10A Omni, 312 Omni

In-the-ear (ITE) hearing instrument series



Relate 2.0 10A Omni



Relate 2.0 312 Omni

Soundscape Manager		Reserve
Environmental classification	<b>Auto Sound Control 3.0</b>	•
	Total listening environments	4
	Conversation in a crowd	
	Conversation in a small group	
	Music	
	Quiet	•
	Noise	•
	Conversation in quiet	•
	Conversation in noise	•
Sound optimization	<b>Sound Director</b>	•
	Speech intensifier	•
	Noise reduction	•
<b>Fine-tuning channels</b>		14

## Available in all technology levels

### Sound stabilization

- > Pulse Protector 2
- > Wind control
- > Feedback manager
- > Natural Sound

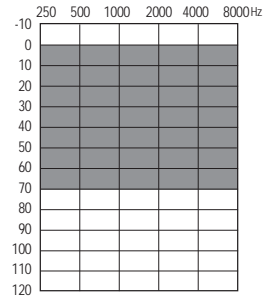
### Fitting and convenience

- > First fit workflow
- > Automatic Adaptation Manager
- > Frequency compression
- > Tinnitus masker
- > Music Equalizer
- > Manual programs
- > IntelliVent
- > Telecoil

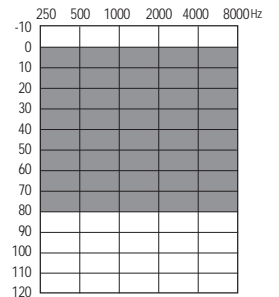
### Innovations

- > Upgrade
- > Capture all

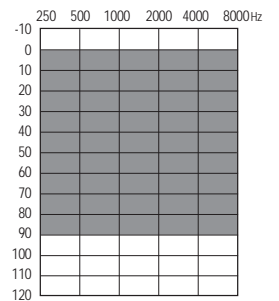
## Fitting guides



## Moderate



## Power



## Super power

Not all technology levels are available in all markets.

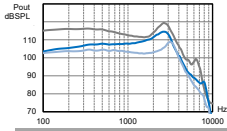
# Relate 2.0 312 Omni and 10A ITE

Moderate power

Power

Super power

## ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



OSPL90

Maximum (dB SPL)

109

115

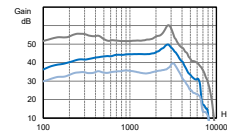
119

HFA - OSPL90 (dB SPL)

103

111

114



Full on gain (input 50 dB SPL)

Maximum (dB)

40

50

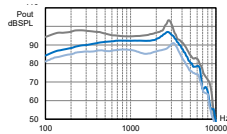
60

HFA - FOG (dB)

35

46

54



Reference test setting (RTS)

Frequency range (Hz)

<100 - 7000

<100 - 6700

<100 - 7000

Reference test gain (dB)

26

34

37

Current drain at RTS (mA)

1.0

1.0

1.0

Equivalent input noise at RTS (dB SPL)

19

19

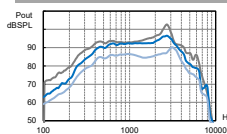
19

Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)

1.0/1.5/1.0/1.0

1.0/1.0/1.0/1.0

1.0/1.0/1.0/1.0



Induction coil sensitivity (31.6 mA/m)

HFA SPLIV / ETLs-RTLS (dB SPL/dB)

86/0

94/0

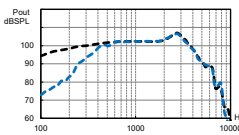
96/-1

HFA MASL (1 mA/m at full on gain) (dB SPL)

65

77

83



Power: mic at 70 dB SPL vs. induction coil at 100 mA/m

--- Mic

- - - Induction Coil

### Legend

- Super Power
- Power
- Moderate Power

### Test conditions

Battery size: 10A/312; Source voltage: 1.3 V; Vent: closed at canal end.

Unless otherwise specified, all data obtained are measured with 5 mm tubing.

The hearing instrument is set to Aura:fit test settings. LLE is applied at an approximate level of 35 dB SPL.

We reserve the right to change specification data without notice as improvements are introduced.

**WARNING:** Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.