The Ponto sound processor family consists of three models: Ponto, Ponto Pro, and the stronger Ponto Pro Power. All Ponto sound processors build on the same simple logic – they are based on the advanced Oticon RISE platform and fitted via the easy-to-use Genie Medical fitting software. If you can fit one Ponto processor, you can fit them all.

Benefits from directionality in more situations
The Automatic Multiband Adaptive Directionality system aims to automatically offer an improved speech to noise ratio in adverse listening situations. It continuously analyzes information from various environmental detectors and automatically chooses one of the three different directionality modes; Omni, Full Directionality and the unique Split Directionality mode. Omni mode minimizes the risk of feedback by adapting the feedback signal. DFC is designed to detect the DFC system phase cancels of acoustic feedback. When feedback is detected the DFC system phase cancels the feedback signal. DFC is designed to minimize the risk of feedback by adapting to sudden acoustic changes.

Speech Guard
Speech Guard is a signal processing system that works by maintaining linear processing as much as possible, but at the same time responding instantaneously to rapidly occurring environmental sounds – without the level of distortion experienced with traditional compression systems.

2-stage Feedback Management System
The Feedback Management System attacks feedback in two stages. A Feedback Manager in Genie Medical measures and applies individual feedback limits in the sound processor in order to prevent static feedback and facilitate the full use of the entire range of the volume control without feedback. The Dynamic Feedback Cancellation (DFC) is a feature in the sound processor that constantly checks for presence of acoustic feedback. When feedback is detected the DFC system phase cancels the feedback signal. DFC is designed to minimize the risk of feedback by adapting to sudden acoustic changes.

Family Features
- 15 sound processing channels
- Multiband Adaptive Directionality
- Wind Noise Reduction
- Dynamic Feedback Cancellation
- Output AGC
- Speech Guard
- Battery management system
- Up to 4 programs
- Low battery warning
- Tamper-resistant battery door
- Telecoil/DAI/FM input
- Nano coating

Fitting
- Fitting software, Genie Medical 2011.1
- 10-channel frequency response shaping
- BC In-situ Audiometry
- Feedback Manager
- Single-sided deafness fitting
- Soft band fitting

FITTING RANGES
Conductive / mixed hearing loss

<table>
<thead>
<tr>
<th>Ponto &amp; Ponto Pro</th>
<th>Ponto Power</th>
<th>Ponto Pro &amp; Ponto Pro Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC hearing losses up to average 45 dB HL*</td>
<td>BC hearing losses up to average 55 dB HL*</td>
<td>AC thresholds up to average 20 dB HL*</td>
</tr>
</tbody>
</table>

*average of 0.5, 1, 2 and 3 kHz
### Features

<table>
<thead>
<tr>
<th></th>
<th>Ponto</th>
<th>Ponto Pro</th>
<th>Ponto Pro Power</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sound processing features</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 sound processing channels</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Multiband Adaptive Directionality</td>
<td>Manual</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Tri-state Noise Reduction</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Wind Noise Reduction</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Dynamic Feedback Cancellation</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Output AGC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Speech Guard</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Battery management system</strong></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Fitting features</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fitting software, Genie Medical</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>10-channel frequency response shaping</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>BC In-situ Audiometry</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Feedback Manager</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Data Logging</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Learning Volume Control</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>The physical product and operation aspects</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 4 programs</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Volume control</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Start-up delay</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Mute/stand-by-function</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Low battery warning</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Tamper-resistant battery door</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Telecoil/DAI/FM input</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Nano coating</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

### Technical Information

**Ponto and Ponto Pro**

- **Battery voltage**: 1.1-1.5 V
- **Current consumption**: 1.1 mA in silence, 1.4 mA in silence
- **Average battery lifetime**: Typically 100-140 hours, Typically 80-160 hours
- **Frequency range**: 125 Hz – 8 kHz
- **Peak OFL at 90 dB SPL input**: 121 dB rel. 1 µN
- **Peak OFL at 60 dB SPL input**: 100 dB rel. 1 µN
- **Peak OFL at 50 dB SPL input**: 90 dB rel. 1 µN
- **Total harmonic distortion (THD60)**: < 3 % above 600 Hz
- **Equivalent input noise**: 26 dB SPL
- **Electrical input equivalent to an acoustic input of 70 dB SPL**: 1.4 mVrms at 1600 Hz
- **Processing delay**: 6 ms
- **Battery size**: 13
- **Weight**: 13 g without battery
- **Physical dimensions (L * W * H)**: 34 * 21 * 11 [mm]
- **IRIL GSM/DECT**: 19/28 dB SPL

**Ponto Pro Power**

- **Battery voltage**: 1.1-1.5 V
- **Current consumption**: 1.1 mA in silence, 1.4 mA in silence
- **Average battery lifetime**: Typically 100-140 hours, Typically 80-160 hours
- **Frequency range**: 125 Hz – 8 kHz
- **Peak OFL at 90 dB SPL input**: 127 dB rel. 1 µN
- **Peak OFL at 60 dB SPL input**: 112 dB rel. 1 µN
- **Peak OFL at 50 dB SPL input**: 102 dB rel. 1 µN
- **Total harmonic distortion (THD60)**: < 3 % above 600 Hz
- **Equivalent input noise**: 26 dB SPL
- **Electrical input equivalent to an acoustic input of 70 dB SPL**: 1.4 mVrms at 1600 Hz
- **Processing delay**: 6 ms
- **Battery size**: 13
- **Weight**: 17 g without battery
- **Physical dimensions (L * W * H)**: 34 * 21 * 14 [mm]
- **IRIL GSM/DECT**: 19/28 dB SPL

### Fitting and Technical Information

**Oticon Medical Ponto instruments** are programmed using the Genie Medical 2011.1, or later version, fitting software. The software can be used stand-alone or with NOAH. They can be programmed using either programming cables Oticon #3 or NOAHlink #2.

### Options and Accessories

#### Telecoil

A plug-in telecoil unit that is designed to improve sound quality and speech understanding within areas that have a telecoil loop installed or for users who have an FM neckloop receiver.

#### Audio adapter

An audio adapter equipped with an isolation transformer allowing the user to connect the sound processor to external equipment such as: stereos, MP3-players and television sets.

#### FM receiver

Oticon has developed an FM solution, Amigo R2BA, to fit the Ponto sound processors. With this multi-channel FM receiver, the user can benefit from the advanced solutions offered by the Amigo receivers and transmitters.

Phonak also distributes an FM solution that can be used with the Ponto sound processors.

### Color Selection

- White Silver
- Chroma Beige
- Mocca Brown
- Diamond Black