



## T Max SP Pro, T Max SP 800, T Max SP 700, T Max SP 600, T Max SP 500 13 BTE hearing aid series



Max SP

### SoundCore

|                    |                               | T Pro     | T 800        | T 700      | T 600     | T 500   |
|--------------------|-------------------------------|-----------|--------------|------------|-----------|---------|
| SoundNav           | Music                         | •         | •            |            |           |         |
|                    | Noise                         | •         | •            | •          |           |         |
|                    | Conversation in a crowd       | •         | •            | •          |           |         |
|                    | Conversation in a small group | •         | •            | •          |           |         |
|                    | Conversation in quiet         | •         | •            | •          | •         |         |
|                    | Conversation in noise         | •         | •            | •          | •         |         |
|                    | Quiet                         | •         | •            | •          | •         |         |
|                    | Total environments            | 7         | 7            | 6          | 3         | AutoMic |
| SpeechPro          | SpeechPro                     | •         | SpeechZone2  | SpeechZone |           |         |
|                    | Speech Locator                | •         | •            | •          |           |         |
|                    | Speech Focus                  | •         |              |            |           |         |
|                    | Dynamic Spatial Awareness     | •         |              |            |           |         |
| Sound Conductor SP | Speech enhancement            | •         | •            | •          | •         | •       |
|                    | Noise reduction               | •         | •            | •          | •         | •       |
|                    | Adaptive directionality       | Multiband | Multiband    | Multiband  | Multiband | •       |
| Spatial Awareness  | Spatial Awareness             | Dynamic   | Personalized | •          |           |         |
|                    | Pinna Effect                  | •         | •            | •          | •         | •       |

### Sound Stabilization

|  |                       |   |   |   |   |   |
|--|-----------------------|---|---|---|---|---|
|  | AntiShock 2           | • | • | • | • | • |
|  | Wind control          | • | • | • | • | • |
|  | Feedback manager      | • | • | • | • | • |
|  | Natural Sound Balance | • | • | • | • | • |

### Experience innovations

|                  |                 |   |   |   |   |   |
|------------------|-----------------|---|---|---|---|---|
| Patient insights | Log It All      | • | • | • | • | • |
|                  | Patient Ratings | • | • | • | • | • |
|                  | Data logging    | • | • | • | • | • |
| FLEX             | FLEX:TRIAL      | • | • | • | • | • |
|                  | FLEX:UPGRADE    |   | • | • | • | • |

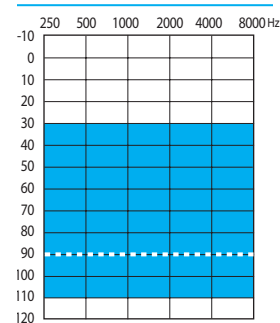
### Convenience

|  |                     |   |   |   |   |   |
|--|---------------------|---|---|---|---|---|
|  | DuoLink             | • | • | • | • | • |
|  | Telecoil and easy-t | • | • | • | • | • |
|  | Binaural Phone      | • | • | • | • |   |
|  | Easy-DAI            | • | • | • | • | • |

### Fitting

|  |                          |          |          |    |    |   |
|--|--------------------------|----------|----------|----|----|---|
|  | Power Adaptation Manager | •        | •        | •  | •  | • |
|  | MyMusic                  | Binaural | Binaural | •  | •  | • |
|  | Frequency compression 2  | •        | •        | •  | •  | • |
|  | Bass enhancer            | •        | •        | •  | •  | • |
|  | Tinnitus masker          | •        | •        | •  | •  | • |
|  | IntelliVent              | •        | •        | •  | •  | • |
|  | Streaming programs       | •        | •        | •  | •  | • |
|  | Manual programs          | •        | •        | •  | •  | • |
|  | NAL-NL2/NL1 and DSLv5    | •        | •        | •  | •  | • |
|  | Super Power pre-sets     | •        | •        | •  | •  | • |
|  | Fitting channels         | 20       | 20       | 16 | 10 | 6 |

### Fitting guide

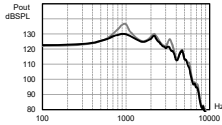


--- Power Slim Tube

T Max SP is rated IP 68

Not all technology levels are available in all markets.

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



### OSPL90

Maximum (dB SPL)

137

132

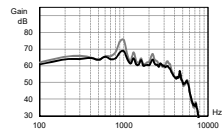
137

HFA - OSPL90 (dB SPL)

122

127

130



### Full on gain (input 50 dB SPL)

Maximum (dB)

75

68

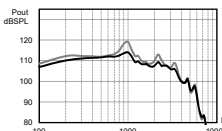
75

HFA - FOG (dB)

60

64

67



### Reference test setting (RTS)

Frequency range (Hz)

<100 - 6300

<100 - 6000

<100 - 5900

Reference test gain (dB)

45

51

53

Current drain at RTS (mA)

1.8

1.7

1.8

Typical battery life (h)

170

180

170

Equivalent input noise at RTS (dB SPL)

19

19

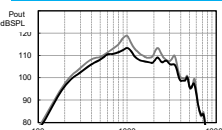
19

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

2.0/2.0/1.0

4.0/1.0/1.0

4.0/1.0/1.0



### Induction coil sensitivity (31.6 mA/m)

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

105/0

111/0

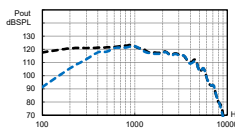
113/0

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

90

94

97



### Standard: mic at 70 dB SPL vs induction coil at 100 mA/m

--- Mic

--- Induction Coil

### Electromagnetic compatibility

EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil

M2/T2

M2/T2

M2/T2

## Legend

- Filtered
- Unfiltered

## Test conditions

Earhook: filtered; Battery size: 13; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm  
The hearing instrument is set to Unitron TrueFit test settings. LLE is applied at an approximate level of 35 dB SPL.  
Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold.  
Sound pressure level of these hearing aids exceeds 132 dB SPL.  
We reserve the right to change specification data without notice as improvements are introduced.