

For Professionals

MED  **EL**

SAMBA Audio Processor

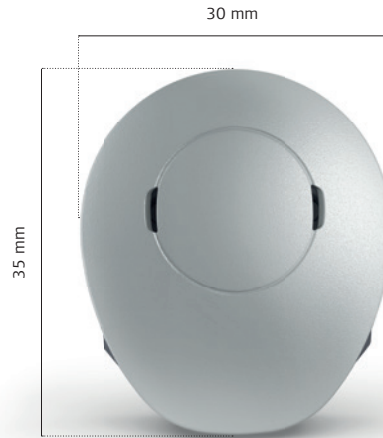
For VIBRANT SOUNDBRIDGE and BONEBRIDGE



hearLIFE

SAMBA Audio Processor

Design Meets Technology



Intelligent Hearing System

- Intelligent Sound Adapter
- Adaptive directional microphones
- Speech Tracking

Wireless connectivity*

- Wireless connectivity options via bluetooth or telecoil to external devices such as mobile phones, FM-systems, ALDs etc. This function is possible by using the Siemens miniTek™.

Programs

- Up to 5 individual programs

SAMBA Remote Control

- Easy adjustment of the volume and change between the programs of SAMBA



Optimized fitting procedure

- Fitting via battery pill or wireless fitting
- Vibrogram for SOUNDBRIDGE and BONEBRIDGE
- Data-logging providing information about the usage of SAMBA

Simplified logistics

- Fewer audio processor variants which optimizes logistics
- Basic package of 9 covers shipped with SAMBA; users can individually adapt colour and design

Backwards Compatible

- SAMBA is compatible with all existing implant generations of VIBRANT SOUNDBRIDGE and BONEBRIDGE

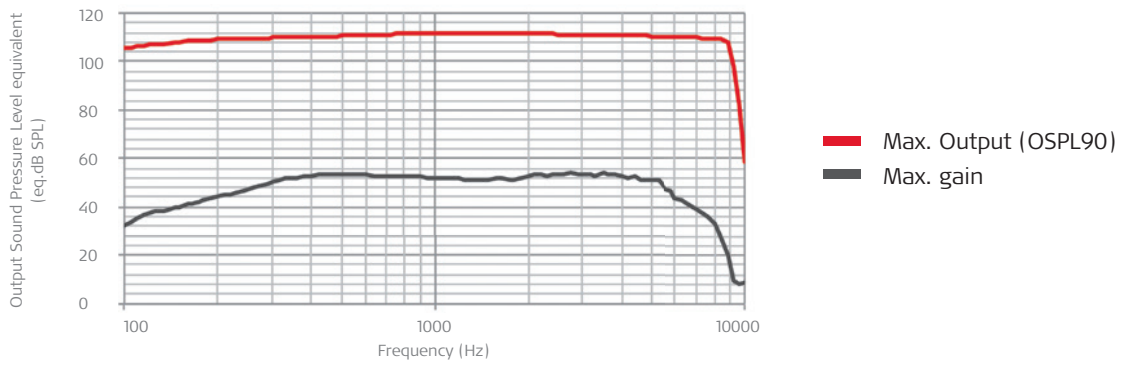
SYMFIT 7.0

Optimized workflow due to standardized fitting procedure for the new SOUNDBRIDGE and BONEBRIDGE. With the new SYMFIT 7.0 software fitting can be carried out either wirelessly or via the battery pill. Additionally, Vibrograms can be created for the new SOUNDBRIDGE as well as for BONEBRIDGE.

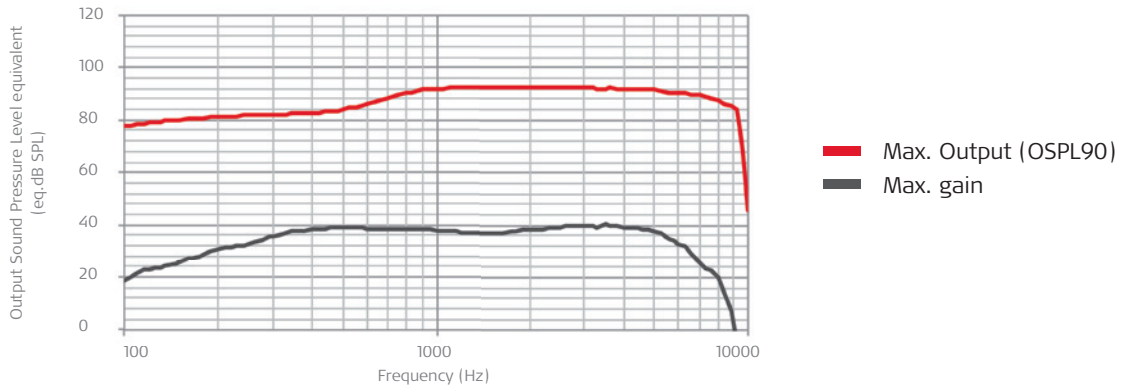
* Wireless connectivity feature is available with the Siemens miniTek™. Sivantos is not responsible for the operation with SAMBA or its compliance with safety and regulatory standards in operation with SAMBA.

Output Curves

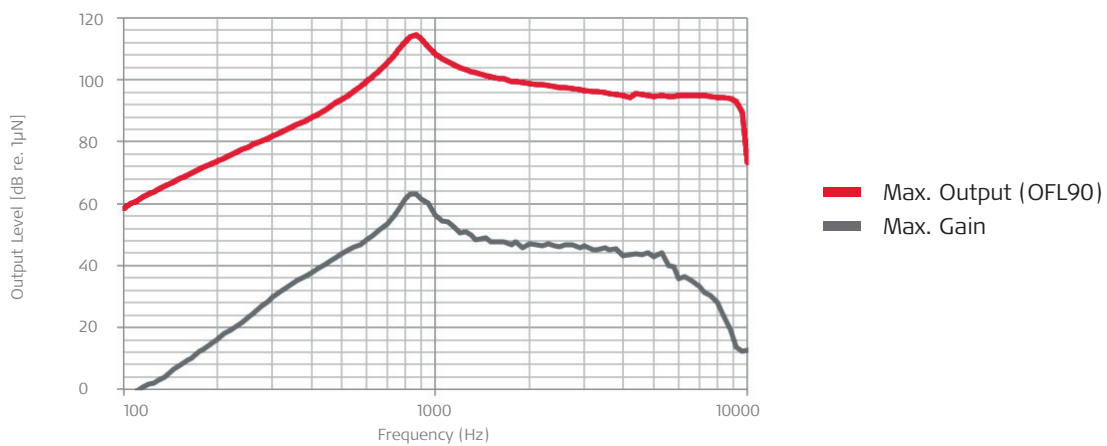
Output Curves for the SAMBA Hi



Output Curves for the SAMBA Lo



Output Curves for SAMBA BB



Technical Data

SAMBA Audio Processor

Package content

- 1 SAMBA Audio Processor
- 1 SAMBA case
- 8 additional interchangeable covers
- 1 remote control
- 1 Activity Clip
- 1 hair clip large
- 1 hair clip small
- 6 Zinc-Air 675 batteries (for SAMBA)
- 2 type AAA batteries (for remote control)

Dimensions

see figure on page 2

Weight

< 9 g (incl. battery and magnet)

Material in tissue contact

Eastman Tritan Copolyester MX731

Power supply

Power supply of the audio processor:
One non-rechargeable 675 zinc-air button cell with a nominal 1.4-Volt supply and 600mA-Hrs of capacity
Power supply of the remote control:
Two AAA batteries

Audio frequency range

250 Hz to 8 kHz

Signal processing

16-band Digital Equalizer
16 independent Compression Channels
Sound Smoothing
Speech and Noise Management
Adaptive Directional Microphones
Intelligent Sound Adapter Classifier
5 different programs
Wind Noise Reduction

Microphone features

Ambient Sound
Adaptive directional microphones
Speech Tracking
Omnidirectional microphones

General

Waterproof with WaterWear (IP68)
Audio processor holding force: 0.083N
64 volume steps
Remote control for bilateral use
Made in Austria

Controls

SAMBA Remote Control
Turn off the system by opening the battery case

Wireless technology (from Remote

Control to audio processor)
Type: NFMI (near field magnetic induction)
Frequency: 3.28 MHz
Modulation type: FM
Wireless range: 1 m

Basic package of covers

(shipped with the SAMBA)

Simply Black
Glossy Black
Chocolate Brown
Mahogany
Terra Brown
Golden Sand
Light Blond
Silver Grey
Tweed

12 design covers and 7 kids covers additionally available

Symfit 7.0

System Requirements

- Windows XP, Windows Vista, Windows 7, Windows 8
- Required hard disk space: 300 MB free storage (2 GB free storage recommended)
- 512 MB RAM (1 GB recommended)
- Graphics Display 1024 × 768 resolution (1280 × 1024 recommended)
- Programming Interface: HI-PRO / NOAHLink / CONNEXX Link
- CD-Rom drive
- CONNEXX 6.5.5
- USB interface 1.1 (2.0 recommended)