

# Tango™ 2 Super Power BTE Instrument

## TECHNICAL INFORMATION



Peak SPL: 138  
Peak Gain: 78

Available colors:

- Beige
- Brown
- Gray

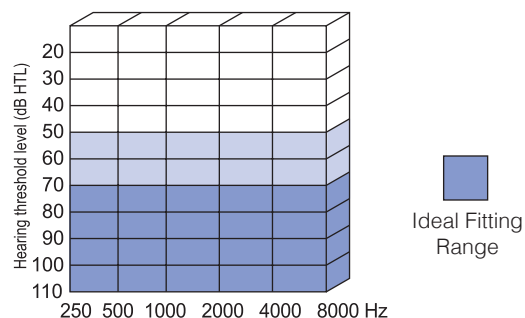
## FEATURES

- 100% digital single-channel signal processing with a wide fitting range
- Feedback cancellation without gain reduction
- Microphone Noise Reduction
- Integrated Audio Input
- 2 potentiometers: Low Frequency Tone control (NH) and AGC-O control (MPO)
- Rocker VC switch with 32dB range in 4dB steps
- Easily accessible push button selecting between Microphone and Telecoil
- Beeps for Microphone / Telecoil and VC end position
- Reinforced screw-on ear hook
- Battery door lock
- Simulation available in Connexx / Electfit
- #675 battery

## FITTING APPLICATION

- Severe to profound hearing losses

## PURE TONE AUDIOGRAM



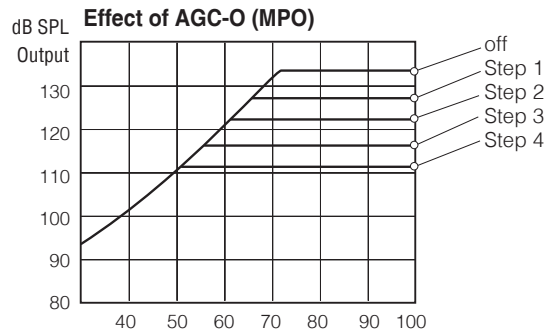
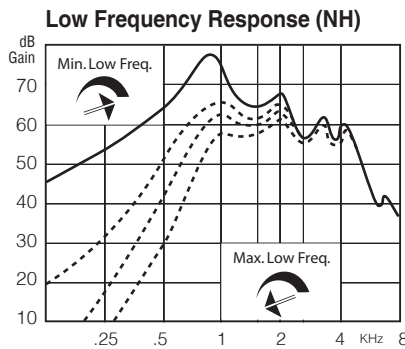
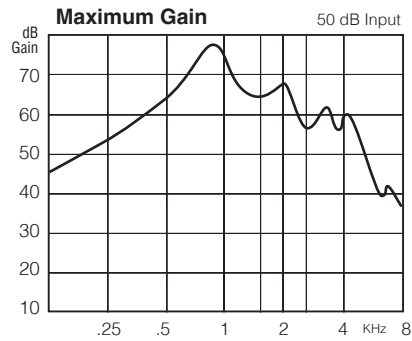
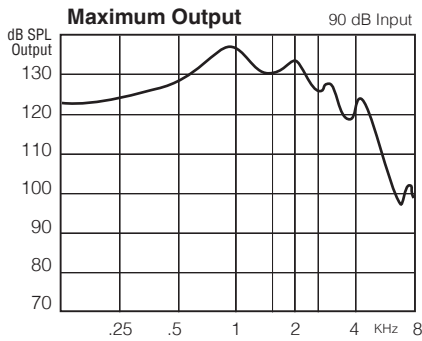
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# TECHNICAL INFORMATION - Tango 2 Super Power BTE

## PERFORMANCE CURVES



## PERFORMANCE DATA

Maximum output	138 dB
HF average SSPL 90	130 dB
Full on peak gain	78 dB
HF average full on gain	66 dB
Reference test gain	53 dB
Frequency range	200-6000 Hz
Harmonic Distortion at 500 Hz	5%
800 Hz	2%
1600 Hz	1%
Equivalent input noise level (Typical)	24 dB
Battery current drain	1.9 mA
Battery life	240 Hrs. (675)



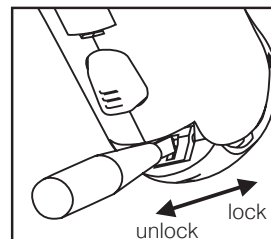
### Low Frequency Control (NH)

- Min. Reduction = Max. Gain
- Max. Reduction = Min. Gain
- Max. Lows = CCW



### AGC-O Control (MPO)

- Variable up to 20 dB at 1600 Hz
- Max. Output = CW



### BATTERY LOCK

(Children's Safety Device)

To prevent the unintentional removal of batteries from their compartment, such as by small children.