

## What is Blu

**Blu is a Bluetooth enabled pair of hearing glasses. It combines Varibel's patented hearing aid microphone array technology with wireless capabilities. They are world's most versatile hearing glasses.**

### **Blu is the emotion of hearing.**

Listen to your children, listen to your spouse, listen to your beloved ones.

Enjoy your favorite movie, enjoy nature, enjoy the city. Experience the richness of life, with every emotion.

### **Blu is the comfort of phoning.**

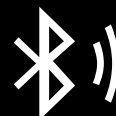
Pick up an important call (through the App or directly and discretely with the glasses), whether it be while watching a film, or while enjoying dinner with your family and friends. Immerse yourself in a private conversation on the phone by muting the sounds around you, or not. it's up to you. That's comfort.

### **Blu is the pleasure of music.**

Listen to your favorite music, without fiddling with wires, or without even lifting your hands. Just enjoy the music. True pleasure.

### **Blu is the freedom of wireless.**

Switch between settings, from omnidirectional to beamforming precision, adjust the volume of your hearing, or receive calls, all within the comfort of your smartphone, without wires, without hassle. That's freedom.



## Blu Designs

Blu can be adapted to fit your current glasses/frames or Blu can be customised to your personal wishes.

## Blu App

- iOS and Andoid supported
- switch programs
  - (omni, unidirectional, audio streaming, telephone)
- pick up calls
- adjust low-cut and high-cut filter
- adjust volume for Left and Right ear independently

## Blu RIC

- Receiver-in-Canal  
(different lengths available)

## Blu Features

- Excellent directivity (dual mic array)
- Bluetooth wireless technology
- Stereo audio streaming
- Audio control through App
- Rechargeable Li-Poly battery
- Handsfree phone use
- Four-channel WDRC
- Adaptive Feedback Cancelling
- Adaptive Noise Reduction
- 12 Band Gain Equalizers
- Low Battery Warning (Tone Adjustments)
- Programmable through VariFit software

## Technical specifications

### 2 cc Coupler Output OSPL90

Peak	112.3	dB	SPL
1000 Hz	106.7	dB	SPL
1600 Hz	106.1	dB	SPL
2500 Hz	108.5	dB	SPL
HF Average (ANSI)	107.1	dB	SPL

### 2 cc Coupler Full-on Gain Input: 50 dB SPL

Peak	54.6	dB	SPL
1000 Hz	48.4	dB	SPL
1600 Hz	48.3	dB	SPL
2500 Hz	51.2	dB	SPL
HF Average (ANSI)	49.3	dB	SPL

### 2 cc Frequency range (ANSI)

100 Hz - 6300 Hz
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### 2 cc Total harmonic distortion

500 Hz (ANSI)	1.3 %
800 Hz (ANSI)	0.8 %
1000 Hz (IEC)	1.2 %
1600 Hz (ANSI)	1.2 %

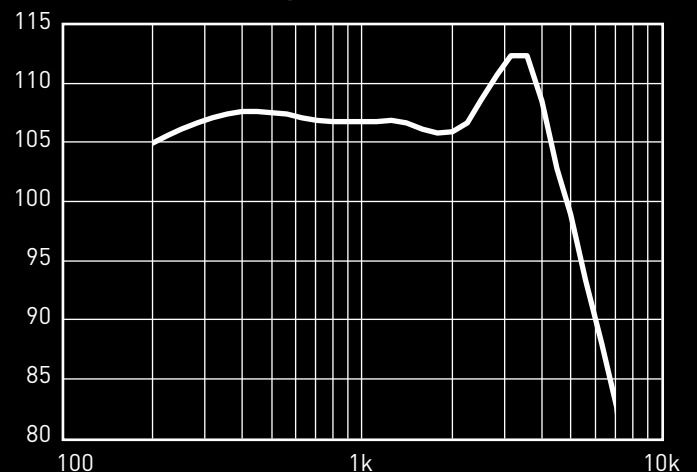
### 2 cc Coupler Equivalent noise level

1000 Hz (IEC)	18.4	dB	SPL
1600 Hz (IEC)	20.6	dB	SPL
ANSI	21.7	dB	SPL

## Graphs

Unless specified otherwise, all measurements are performed in the omni program according to IEC 118-7 and 126, and ANSI S3.22, S3.35 and S3.7

OSPL 90 in 2cc coupler



Full-on gain in 2cc coupler  
Input: 50 dB SPL

