

## Wireless Language Interpretation System Featuring Bone Conduction Receivers

The Fluent 900MHz Bone Conduction receiver system features a compact, cordless design. Unlike traditional earphones or earbuds placed in the ear canal, bone conduction headphones sit over the top of the ear and rest on the user's cheekbone. This system transmits sound vibrations directly to the inner ear (cochlea) while bypassing the ear canal, allowing clear hearing without inner ear obstruction. The technology is suitable for both individuals with normal hearing and those with hearing loss.

## **Advantages of Bone Conduction Over Traditional Headphones:**

- 1. **Comfort**: Bone conduction headphones do not sit inside the ear canal or over the ear, so they are much more comfortable and can be worn for longer periods of time.
- 2. **Waterproof Design**: The Fluent 900MHz Bone Conduction Receivers are waterproof, making them suitable for use in various environments, and very easy to clean and sanitize after each use.
- 3. **Interference Rejection**: The new digital design of the Fluent 900MHz system provides superior interference rejection, ensuring clear and static-free audio.
- 4. **No cords or neck lanyards**: With the receiver embedded into the bone conduction headphones, there are no headphone cords or neck lanyards to get tangled up.

## Fluent BC900 Technical Specifications

Frequency Range
Frequency Response
Modulation
User Range
Audio Sampling
Channels
Operation Hours
Charging Time
Weight

903MHz – 927MHz 20Hz – 3.4kHz QPSK 500 feet 8kHz 25 up to 16 hours up to 4 hours, smart charging 34 g / 1.1 oz.







