

# ComMuffs™

## Elvex Close Range Communication Muffs, with Impact Filter and Limiter

Elvex Com-55 (and cap mount model Com-65) are designed to improve voice communication at close range (6-12 feet) in noisy environments. An electronic circuit board is built into the ear muff, and external microphones “read” and process the environmental sounds. The circuitry does not process frequencies below 400 Hz. and above 4,000 Hz., while the full speech frequency range is processed. Therefore, the speech to noise ratio is changed in a favorable way. Work areas dominated by low and high frequency noise will benefit the most from the noise filtering technology of Elvex Com muffs. In noise levels exceeding 100-105 dB the positive effect of the electronics will be limited by the noise reduction properties of the passive ear muff.

### Other Features of Elvex Com-55 and Com-65:

- Elvex Com muffs are equipped with an electronic gain limiter, that will reduce the processed sound to 82 dB.
- An electronic filter cuts impact noise up to the limitation of the passive ear muff. The effectiveness against impact noise is approximately 30 dB. The speech processing capabilities are still active, even when impact noise is present.
- Elvex Com-55 has a NRR of 25 dB, and the Com-65 (cap mount model) has a NRR of 23 dB.
- Maximum amplification is 16 dB
- The units operate with one 9V battery, positioned in an easy to remove compartment.

**Com-55** Communication muff, 25 dB NRR

**Com-65** Cap mount Com muff, 23 dB NRR

### Elvex Connect™ Plug-in Receiver Muff

You can plug in Elvex Connect to your Com-radio, CD player or Cassette player. You can listen and stay in touch while you eliminate noise and protect your hearing. Connect provides a Noise Reduction Rating of 25 dB, and is equipped with an 82 dB gain limiter. A 3.5 mm plug is standard.

**Com-25** Connect, 25 dB NRR, 3.5 mm plug

**HK-75** Hygiene Kit, ear cushions & foam pads  
Used by Com-25, 55, 65, 75, 85, 100R, 105R

**HK-80** Hygiene Kit used by Com-80R



COM-55



COM-65



COM-25