



# Aeronautics Application Note - Riveting

## IDENTIFIED NEEDS

**Riveting** exposes workers to high noise levels due to the use of pneumatic guns.

**Personal noise protection gear** (earmuffs, etc.) prevent essential team communication, especially for the two workers cooperating on each side of the fuselage... leading to difficult coordination!



## SOLUTION: HANDS-FREE RADIO, Bone-Conduction + Ear Plugs

The **APPI-Com** radio eliminates this conflict of needs by offering a solution for **natural conversation**, hands-free, light-weight, and flexible: freeing up the ears to hear the surroundings if needed, or with ear plugs in a noisy place!

Team work from each side of the fuselage skin, or even throughout the hangar, becomes possible thanks to a Long Range (>2mi) and High Penetration radio technology. Combined with a lightweight wireless headset (open-ear to allow plugs), the APPI-Com works with any PPE, even in confined spaces.



## ADVANTAGES: PROTECTION AND COMMUNICATION → Safety AND Efficiency

- Full-duplex radio: conference **mode, hands free**
- Digitally Coded, Free Bands (no license), **no network** needed
- No base, No Master terminal (APPI int'l Patent)
- Long Range (2mi LOS), Strong penetration (thick walls)
- Unlimited group size, 32 channels
- Smartphone connection: make/receive/share calls
- IP 67 / Shock proof IK8 – Available in ATEX version
- USB charging



## SPECIFICATIONS

Batteries: Li-Poly 3.7v – battery life 6 to 8 hours – Charging 2 to 3h (USB)
Dimensions (L x W x H): 98x48x15mm - Weight: 80g (3Oz)
Emission Power (902-970MHz): 500mW - CE version DAS/SAR: 1.1 à 1.24W/kg