

## NB 1600



Part-No.: 0110019-39



worker with the NB 1600 / Ear fitting pieces

The neckholder set NB 1600 is the little brother of the NB 2000. The main difference is that the construction of the headband is more filigree. It is easy to wear along with a protection helmet, but without being connected to it. The sensitive electrets microphone is also suitable to wear under respirator masks.

Thanks to the Open-Ear-Gain Technology, the ear is not covered by an earpiece or ear olive and still able to receive environmental noises. A soft silicone acoustic tube conducts the sound from the speaker to the earlap. There, the natural amplifying task of a humans ear transmits the sound and keeps it constant at approx. 17 dB. That way, an optimum ratio between voice signal and noise is always achieved.

The large PTT-button is easy to operate, even in rather difficult working conditions. The housing offers sufficient space for electronic adaptation to almost any kind of analogue or digital radio unit. Thanks to the "Open-Ear Gain" and the gooseneck microphone, the NB 2000 is to use along with almost every kind of helmet - unlike the smaller versions of the NB series.

### Technical data:

#### **Microphone:**

Pattern: electret  
 Directional: noise cancelling (NC)  
 Impedance: 1600 Ohm  
 Sensitivity: -51 dB V / Pa, 1 kHz  
 Frequency: 150 Hz – 4kHz

#### **Speaker:**

Pattern: magnetic  
 Impedance: 250 Ohm at 1 mW / 1 kHz  
 Sound pressure level: max. 117 dB  
 Frequency: 100 Hz – 4 kHz

#### **Send button (PTT-8):**

Housing: impact resistant plastic housing, black, with cloth clip  
 Life cycle PTT: min. 1.500.000 cycles  
 Protection class: IP54<sup>1</sup>

#### **Additional data:**

Temperature range: -20°C to +70°C  
 Weight: 98 g (incl. PTT button)

<sup>1</sup> Protection class: DIN EN 61058-1 VDE 0630 Part 1, EN 60529:1991 DIN VDE 0470-1:1992-11

Digital Standard approved

