

## NB 2000 / NB 2000 Ex

Technical data for Ex-Version upon request



Part-No.: 0110019-3 / 0110021-xx (Ex)



Shooting training with the NB 2000 / Ear fitting pieces

Comfortable, pressure free, light – The neck holder set NB 2000 offers the optimum helmet-independent hear-/talk solution for police, military or security services. 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 NB 1000. For explosion endangered areas, we offer the ATEX-proved NB 2000 Ex.

### Technical data:

#### **Microphone:**

|              |                       |
|--------------|-----------------------|
| Pattern:     | electret              |
| Directional: | noise cancelling (NC) |
| Impedance:   | 4400 Ω                |
| Sensitivity: | -44 dB V / Pa, 1 kHz  |
| Frequency:   | 300 Hz – 9 kHz        |

#### **Speaker:**

|                       |                       |
|-----------------------|-----------------------|
| Pattern:              | magnetic              |
| Impedance:            | 250 Ω 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 grip |
| Life cycle PTT:   | min. 1.500.000 cycles                                    |
| Protection class: | IP54 <sup>1</sup>  |

#### **Additional data:**

|                      |   |
|----------------------|---|
| Temperature range:   | -30°C to +70°C                          |
| Weight:              | 118 g (incl. PTT button)                |
| Neckband size:       | Medium (59-64 / Standard) Small (53-58) |
| Level of protection: | EEx ib IIC T4                           |

<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

