

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 ¹

Additional data:

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

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

TECHNICAL DATA