

## AirTalk XD



Part-No.: 0290300-xx



Air-Traffic-Controller in the control centre / PTT-13

The AirTalk XD is a lightweight binaural headset, equipped with an electrets microphone, Spacer-Distance-Clips and features for individual personalization. Acoustic-Shock-Protection (ASP) as well as a mark to position the microphone ensure best communication. CoolMax® active ear cushions, made of breathable fibre provide high wearing comfort.

In the sports industry, the breathable CoolMax® active fibre is frequently used for years. Surface channels, integrated into the fibre avoid enhanced perspiration and heating up the ears by leading warm temperatures off quickly. For hygienic reasons, the ear cushions are easy to change by plug in and out of the headset-frame.

Spacer-Distance-Clips enable to increase the day-to-day wearing comfort. The Clips allow to adjust the distance between head and speakers to release the pressure from the ears. Furthermore, the AirTalk XD offers Acoustic-Shock-Protection (ASP) to shield the ears from increased noise levels. The raised edge located on the topside of the microphone marks its position. This enables both, accurate direction and optimum noise compensation.

### Technical data:

#### **Microphone:**

Pattern:	electret
Directional:	omni-directional
Impedance:	2200 Ohm
Sensitivity:	-40 dB V / Pa, 1 kHz
Frequency:	100 Hz – 10 kHz

#### **Speaker:**

Pattern:	dynamic
Impedance:	600 Ohm at 1 mW / 1 kHz
Sound pressure level:	max. 102 dB
Frequency:	200 Hz – 10 kHz

#### **Send button incl. Amplifier (PTT-13):**

Housing:	PC/ABS T45, black
Life cycle PTT:	min. 10.000.000 cycles
Protection class:	IP43 <sup>1</sup>
Operation voltage:	+/- 12 V
Power input:	15 mA
Distortion:	0,2 %
Amplification:	approx. 28 dB
MTBF:	approx. 100.000 h

#### **Additional data:**

Temperature range:	-20°C to +70°C
Weight:	210 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

TECHNICAL DATA