

command  
& control

Intradex



## **AirTalk® FAMILY**

*Demanding product portfolio for ATM applications*







# A QUIET ENVIRONMENT

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*A calm and quiet environment is a key factor for the ATCO, so is the right tool for the daily work – the headset.*



We are, with the CNL technology, introducing the next step to the calmness at the daily routines for the ATCO.

The **technology (CNL)** is clearing and depressing unwanted and unintended noise from the structure of the lightweight headset, especially on the cable.

Due to the design of extreme lightweight headsets, it usually does not allow for a complete acoustical separation of the cable, the cable inlet and the housing.

We are sure, that the introduction of the **CNL technology** is a key factor for increase concentration in the daily work.

# PRODUCTS FOR AIR TRAFFIC MANAGEMENT

## *command&control for Air Traffic Management applications*

The area of Air Traffic Management is predicted to grow at a minimum of the next decade at a very good rate. Therefore, modern and reliable equipment in all areas needs to be implemented into daily operations. Over 20 years now our headsets are used in the Air Traffic Management to command and control flights all over the world - every hour, on every day. We are proud to have build such a solid customer base to be supported with the best possible products for everyone.

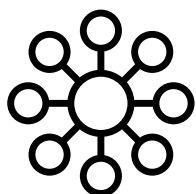
Communication is a crucial part for every airport or air traffic centre. A lack of communication or misunderstandings can have serious consequences, especially looking for the growing figures of flights all around the globe.

Our products, especially our **AirTalk® family**, are very well known all around the globe for reliability and comfort and already won prices. The Push-To-Talk (PTT) buttons have a high ergonomic and stability to endure daily operations.

We already have connected to nearly every voice communication system manufacturer and can easily do the correct adjustment for your VCS as well.

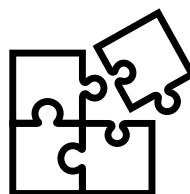
The product portfolio is rounded by a variety of supporting products such as accessories like different ear cushions, spacer for a better fitting or USB options for supporting training and simulation scenarios.

## OUR ADVANTAGE - STRONG AND UNIQUE



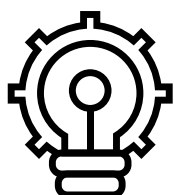
### **Variety**

600+ variants of our products support our customer



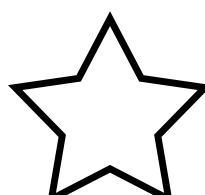
### **Customizing**

Individual opportunities for customer requests, such as cable lengths



### **Technology**

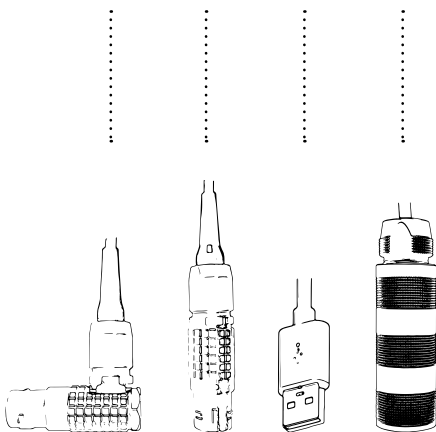
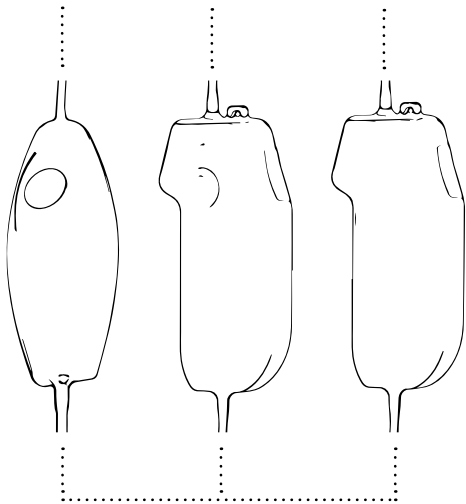
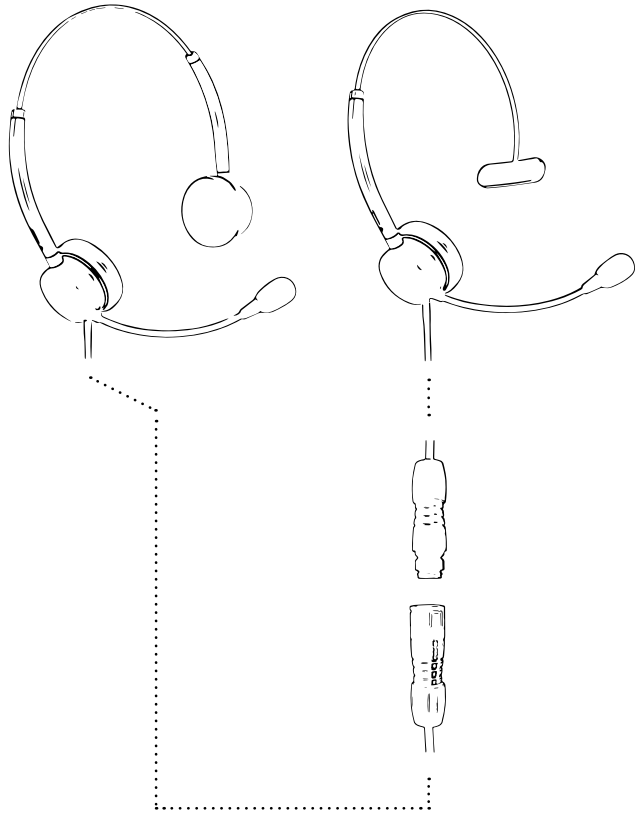
Best technology implemented to support reliable communication



### **Comfort**

Highest comfort with CoolMax™ and different accessories, such as spacer

# OUR SYSTEM OVERVIEW



## Headset Options

- Robust steel wiring for long and reliable connectivity
- Different connectors for easy exchange of the headset

## PTT's

- Ergonomic shaped PTT buttons
- In use at locations around the globe
- Incl. volume control option

## Cables

- Big variety of cabling
- Different length for best choice of each application
- Coiled, straight or anything else

## Connectors

- The connector of your choice for your personal VCS system



IN 5960

LV 1256

CHT

TH 2066



# AirTalk® 5000

*Design for the need of ATCO's around the world*

Newly designed,  
**flexible headband**  
with best fit for  
every size

**Monaural or binaural**  
headset for use in the  
ATM environment

**CoolMax®** technology for the ear  
cushions with highest comfort

Safe the hearing of the  
user with **Acoustic-  
Shock-Protection**

The **rotating  
suspension**  
allows a perfect  
fit, while moving  
the head

Adjustments and connectivity  
to **any VCS system**

Flexible and adjustable  
microphone with **noise-cancelling**  
as electret or dynamic types

**The AirTalk® 5000** is the latest development, especially designed to meet the daily work routine of ATCO's all over the globe. The headset is characterized by its very low weight and the high stability.

The rotating suspension ensures a perfect fit even while strong and abrupt head movements.

The very robust steel wires of the headset connection cable ensure reliable communication and a long lifetime.

To guarantee a high wearing comfort, the headset has a single-sided cable routing.





# OUR AirTalk® FAMILY



## AirTalk® 5000 XD

- Binaural headset for the ATC sector with high wearing comfort thanks to optional spacer distance clip
- New designed, flexible headband with best fit for every head size
- High safety for your hearing with Acoustic-Shock-Protection
- Flexible and adjustable microphone with high noise-cancelling
- **CoolMax®** technology for high class comfort



## AirTalk® 5000 XS

- Monaural headset for the ATC sector with high wearing comfort thanks to optional spacer distance clip
- New designed, flexible headband with best fit for every head size
- High safety for your hearing with Acoustic-Shock-Protection
- Flexible and adjustable microphone with high noise-cancelling
- **CoolMax®** technology for high class comfort



## AirTalk® XSN

- Neckband headsets monaural
- Acoustic Shock Protection for the safety of the hearings
- High wearing comfort
- Noise-cancelling microphone for best transmission



## AirTalk® NBS / NBD

- Neckband headsets monaural or binaural
- Acoustic Shock Protection for the safety of the hearings
- High wearing comfort
- Noise-cancelling microphone for best transmission



# PTT-19 Dual

*Designed for Remote Digital Towers and Military ATC operations*



The **PTT-19 Dual** is designed for the demanding needs of the ATCO's around the world.

Especially for applications in the Remote Digital Tower segment or in Military ATC the dual PTT allows a perfect use. The user can easily handle two channels from the palm of its hand.

This increases safety and reduces time in remote operations.

In the Military ATC the user is able to decide from the palm of the hand between BLACK and RED communication channels.

# PTT-BUTTONS - THE PERFECT CONNECTION



## PTT-13

- Ergonomic design for a comfortable fit in pistol grip design
- Robust housing
- Long life design of switching elements
- Belt clip and hand strap for safety and safe stowing in your daily work



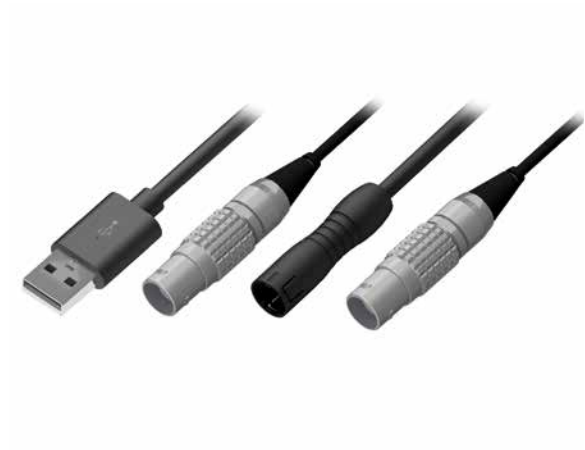
## PTT-13 Volume Control

- Ergonomic design for a comfortable fit in pistol grip design
- Volume control at the PTT button for adjusting your hearing
- Long life design of switching elements
- Belt clip and hand strap for safety and safe stowing in your daily work



## PTT-19

- Ergonomic design to fit ideally to the shape of the hand
- Robust housing with tactile button feedback
- Long life design of switching elements
- Depression for best tactical usability and safety against unintended pressing



## Cables & Connections

- Steel wiring for strong and reliable connection
- Adaption to your choice of Voice Communication System (VCS)
- Different connectors for your choice
- Individual length and characteristics of the connection cable depending on your application

# HANDSETS – CLASSIC COMMUNICATION DEVICES



## HS3

- Classic design with ergonomic shape
- Big PTT-button for ease of use
- High quality acoustic components for best communication
- W/ or w/o hall sensor for automatic detection
- Repository tray available for safely stowing while not in use



## HS4

- Newly shaped design handset
- PTT button at the top speaker optional
- High quality acoustic components for best communication
- Connectivity via RJ-12 connector
- Different cable options available

# TABLE MICROPHONES

## TABLE MICROPHONES

- With or without speaker for best usability
- Flexible gooseneck microphone
- Solid stand for easy usage
- High volume speaker option available



TM2

TM2 LS



# MICROPHONES



## HT2

- Made of anodized aluminium for long life
- High quality acoustic components
- Easy handling
- Standard delivery incl. wall mount



## HT2 Base

- High stability with the big foot plate
- Durable and long connecting cable
- Connection to nearly any VCS or control room system
- Perfect handling due to the ergonomic form
- Easy to use Push-To-Talk button
- Option with USB available

# AURELIS ATC



## Aurelis ATC

- Ergonomic design with firm grip due to the curved sealing
- Dynamic or electret version with speaking only
- Different connection cable options
- For your choice of flight radio and tower application

# WIRELESS SYSTEM



## AirTalk® 5000 WL

- Monaural or binaural headset for use in the ATM environment
- Best adjustments for use with WL-DECT 2 wireless system
- Newly designed, flexible headband with best fit for every size
- Safe the hearing of the user with Acoustic-Shock-Protection
- Flexible and adjustable microphone with noise-cancelling
- **CoolMax®** technology for the ear cushions with highest comfort

# Wireless PTT



## AirTalk® WL DECT 2

- Latest DECT technology with highest encryption rate (128 bit)
- Wireless PTT button with locking and volume control for the hearing
- Low latency
- Extended talk time for up to 10 hours
- Easy to exchange battery with second battery pack incl.

# TRAINING & LIVE

## *Combined for a successful education*

The training and study of any ATCO is a long and exhausting way. We bring a reduction in training and simulation by using the same or similar tools for all purposes – live and in simulation.



### **AirTalk® USB dongle**

Connect your live headset to your choice of simulation & training system

- Well established USB technology
- Easy connection with the right connection to your live headset
- USB stays at the training system.

### **AirTalk® USB PTT**

Equal behavior and utilization for best training effects.

Our well-known and worldwide accepted PTT-buttons are available for use as an USB device. While using the detach option for the headset, you can use the same headset for multi-purpose. You can easily switch between the live application and the training application.

You can choose either the pistol grip type PTT-13 or the well-shaped PTT-19 with a depressed PTT button. Both types bring a long and reliable lifetime with them. Our USB technology increase the value with adding DSP and noise reduction as well as a high compatibility.



PTT-19

PTT-19 Dual





# ACCESSOIRES



Our accessory portfolio allows for each user a perfect choice and great abilities to care about the hygienic part of the daily use of ATM grade headsets.

The ear cushions are available in different sizes and different materials and can be easily exchanged from the ATCO.

The **AirTalk®** carrying bag allows an efficient and safe stowing of the headset and PTT.

Headband, lanyard and the other material bring further advantages to the **AirTalk® family** and makes the choice and the return on invest easier and faster.

# SERVICE & SUPPORT

## *It makes the difference*

We are working closely with ANSP's and associated companies within the global ATM market. Service and support can be offered on various options.



Service  
**ON SIGHT**



Service with  
**AUTHORIZED PARTNERS**



Service at our **GERMAN HQ**  
(incl. options for short  
turnaround times)

All the necessary information on product support, warranty and safety information is on our website: **[www.imtradex.de](http://www.imtradex.de)**

If you have a specific question outside of our online offer, please do not hesitate to call our support team:

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