TACTICAL ELECTRONIC EAR PROTECTORS (TEEP)

Type: LINK EX

Code: 72/BLA/EX, 72/GRE/EX

Red Dot One s.r.o., Svatá Kateřina 10, 34022 Chudenín, Czech Republic
IC 24731561, VAT CZ24731561, Tel.: +420778728740
Email: info@reddotone.com, Website: www.reddotone.com

The **TEEP LINK EX** tactical electronic hearing protector enables **clear communication** and **3D 360° local situational awareness/overview**. The hearing protector provides **advanced protection against both continuous and impulse ambient noise**. The integrated **Bluetooth®** module enables connection to a mobile phone or other device."

Technical Data

TRUE 360° Situational Awareness

- Each earcup is equipped with **two omnidirectional microphones**.
- The **left and right sides are processed independently**, resulting in **realistic spatial perception** of the surroundings without losing directional accuracy.

Volume and Noise Attenuation

- **5 amplification levels**
- **Earplug mode** for use with earplugs
- **Automatic noise limiting at (82 ± 3) dBSPL**
- **Reaction time: <10 ms**
- **SNR: 30 dB**
- **Attenuation levels: H 31 / M 25 / L 17** *(Certified according to **EN 352**. Current production versions achieve **10% higher real-world parameters**.)*

Bluetooth®

- Bluetooth version: **5.3 + BR + EDR + BLE**
- Profiles: **HFP / A2DP**
- Supported Bluetooth protocols: A2DP, AVCTP, AVDTP, AVRCP, HF-P, SPP, SMP, ATT, GAP, GATT, RFCOMM, SDP, L2CAP
- Answer and end calls with a button press on the headset.
- Control call volume (phone volume) with button presses on the headset.
- Start/stop (skip) music playback with button presses on the headset.

Power Supply and Operating Time

- **Built-in Li-Ion battery (3.7 V / 1350 mAh)**
- **Minimum 200 hours of operation**, 0 consumption in off mode
- **USB-C charging**
- **≥ 500 guaranteed charging cycles**
- **Voice notification of battery status**

Operational Durability

- **IP67** (dust and water resistance)
- **Operating temperature:** -20 °C to +60 °C
- **UL 94 V2** (flame retardancy)
- **Compliance:** EN 352 / PPE 2016/425 / EMC 2014/30/EU / RoHS

Description

The **LINK EX** is equipped with a **metal, foldable, and adjustable headband**. Using **brakes on the wire earcup holders**, the user can adjust the optimal position of the hearing protector on their head/ears.

There are **two volume control buttons** for turning the device on/off, setting the sound output level, and selecting settings in the **voice menu**. There is also **one central button** for activating the **voice menu/settings** and confirming the selected option.

The protector includes an **integrated rechargeable battery** (charged via a **standard USB-C interface**), along with **sophisticated charging/battery management** and a **visual indicator**.

Lang	1.	2.	3.	4.	5.
CZ	Hlavový most	Náušníky	Mikrofony	Tlačítka hlasitosti	Středové tlačítko
EN	Headband	Earcups	Microphones	Volume control buttons	Central button
PL	Pałąk	Muszle	Mikrofony	Przyciski regulacji głośności	Centralny przycisk
FR	Arceau	Coquilles	Microphones	Boutons de réglage du volume	Bouton central
DE	Kopfbügel	Ohrmuscheln	Mikrofone	Lautstärkeregelungstasten	Zentraler Knopf
ES	Diadema	Auriculares	Micrófonos	Botones de control de volumen	Botón central

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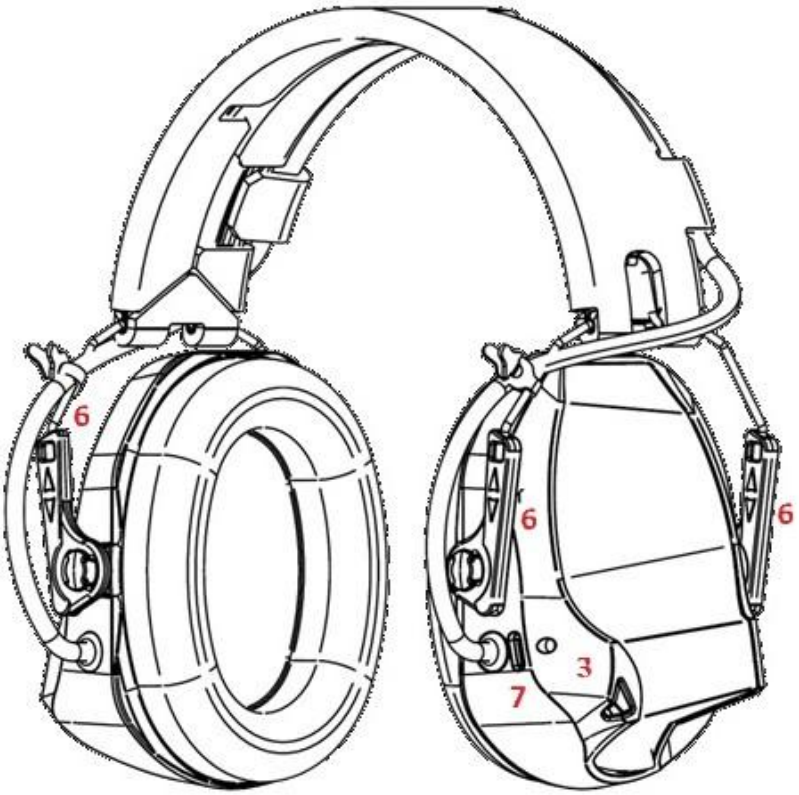

Lang	3.	6.	7.
CZ	Mikrofony	Nastavovací brzdiče	USB-C nabíjecí konektor
EN	Microphones	Positioning stops	USB-C charging connector
PL	Mikrofony	Hamulce regulacyjne	Złącze ładowania USB-C
FR	Microphones	Freins de réglage	Connecteur de charge USB-C
DE	Mikrofone	Positionierungsbremsen	USB-C-Ladeanschluss
ES	Micrófonos	Frenos de ajuste	Conector de carga USB-C

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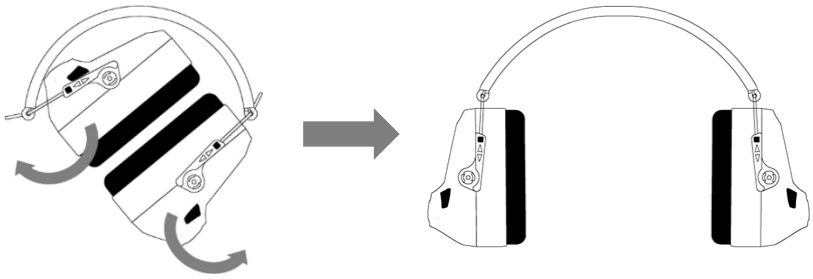
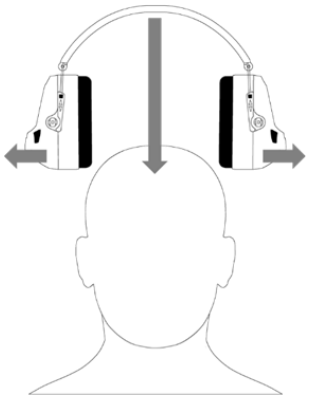
Fitting and Adjusting the Hearing Protector

- **Open the hearing protector to its default position.**



- **Place the hearing protector on your head.**



- **Adjust the position of the hearing protector on your head and ears.**

To achieve the **best hearing protection**, remove hair around the ears so that the earcups fit tightly against the head/ears. If wearing glasses, the temples should be as thin as possible and fit snugly against the head to minimize interference with the proper function of the hearing protector.

Operation and Controls

Turning On

Press and hold the **volume control button "↑" or "↓"** for **2 seconds**. The **visual indicator will light up green**, a sound signal will play, and a **voice message "Welcome"** will be announced.

If the hearing protector does not turn on, connect the charger and wait **at least 1 minute** before trying again.

Volume Control

Use the **"↑" and "↓" buttons** to set the volume to the desired level (**5 steps available**). The same volume level as before turning off will be restored each time the device is turned on again. Each step is indicated by a **short blue visual indicator flash** and a **beep sound**. Maximum/minimum volume is indicated by a **double beep**.

If the user uses additional hearing protection in the form of earplugs, the overall volume of the hearing protector can be increased by selecting the **"Audio Settings"** option in the voice menu, followed by **"Earplugs On"**.

Turning Off

Press and hold the **volume control button "↑" or "↓"** for **2 seconds**. The **visual indicators will turn off**, a sound signal will play, and a **voice message "Powering Off"** will be announced.

The **intelligent standby mode** automatically turns off the hearing protector after **8 hours** (default setting, adjustable via voice menu) if no button is pressed during this time, if the built-in test identifies any internal malfunction, or if the battery charge level is too low and the charger is not connected.

Power and Battery Status Indicator

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1. Visual Battery Status and Charging Indicator

During Operation (Green Visual Indicator):

- **Steady light** → Battery fully charged.
- **Long blinking** → At least **8 hours of operation** remaining.
- **Medium blinking** → At least **4 hours of operation** remaining.
- **Short blinking** → At least **1 hour of operation** remaining.

During Charging (Blue Visual Indicator):

- **Short blinking** → Fast charging.
- **Long blinking** → Battery will be fully charged in **less than 15 minutes**.
- **Steady light** → Charging complete (battery ≥ 95%).

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2. Audible Battery Status Warning

Beep tones (every 10 minutes, along with a voice message indicating the actual battery status):

- **2 beeps** → At least **8 hours of operation** remaining.
- **3 beeps** → At least **4 hours of operation** remaining.
- **4 beeps** → At least **1 hour of operation** remaining.

The battery charge level information is available as the **first item in the voice menu settings**.

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3. Battery Charging

Connect the **standard USB charger** using the **USB-C to USB-A cable** (included in the package) to the **USB-C port** of the hearing protector.

The **typical charging time is 2 hours** (indicated by a **blue blinking visual indicator**). When the battery is fully charged, the **visual indicator lights up blue steadily**.

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Voice Menu and Settings

Activating the Voice Menu

- When the hearing protector is **turned on**, press the **central button "O"** for **1 second** to activate the **voice menu/settings**.
- Use the **"↑" and "↓" buttons** to select the desired item (see **Voice Menu Table** below).
- To **confirm/select** the desired item or parameter, or to enter a submenu, press the **central button "O"**.

Voice Menu Items

Settings

1. **Battery Status**
    - Battery level in %

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2. **Device and Hearing Tests**
    - **Device Test** – Automatic check of all headset systems with voice output of the status for each subsystem.
    - **Hearing Test** – Test of your hearing from **10 kHz to 19 kHz**.

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3. **Communication**
    - **Earplugs On**
        - Off
        - On
        - Exit
    - **Turn on when device is connected**
        - Off
        - On
        - Exit

- **Turn on when device is disconnected**
  - Off
  - On
  - Exit

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4. **Bluetooth**
   - Off
   - On
   - Exit

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5. **Radio**
   - Not set

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6. **Other Settings**
   - **Assistant Language**
     - Czech Female
     - English Female
     - English Male
     - Polish Female
     - Slovak Female
     - Exit
   - **Assistant Volume**
     - Maximum Volume
     - 70%
     - 50%
     - 30%
     - Minimum Volume
     - Exit

- **Automatic Power Off**
  - 1 Hour
  - 8 Hours
  - 2 Hours
  - Exit
- **Visual Indicators Enabled**
  - On
  - Off
  - Exit
- **Welcome Message Enabled**
  - On
  - Off
  - Exit
- **Power Off Message Enabled**
  - On
  - Off
  - Exit
- **Firmware Version**
- **Exit**

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7. **Factory Reset**

Default Settings – Quick Selection

When the hearing protector is **turned on**, press and hold **both volume control buttons "↑" and "↓"** for **2 seconds** to activate the default settings (a sound signal and voice message **"Factory Reset Confirmed"** will play).

Additional User Information

- Hearing protectors **must be worn, used, and maintained** in accordance with this manual.
- The user should **regularly check** the hearing protector for proper functionality.
- The user should **test the proper function before each use**. If any distortion in situational awareness or other malfunction is detected, the user should contact the manufacturer.
- The use of **hygienic earcup covers** may affect the acoustic properties of the hearing protector.
- Failure to follow these recommendations may **adversely affect the attenuation of the hearing protector**, which could lead to **hearing damage**.

Cleaning and Maintenance

- If the hearing protector comes into contact with water, **wipe it dry**, shake out water from the earcup and microphone areas, and let it dry.
- Clean the hearing protector with a **clean, damp cloth**. **Do not use solvents**.

Storage

- Avoid **long-term storage in direct sunlight**.
- Do **not store** the hearing protector at temperatures **above +63 °C** (e.g., on a dashboard or windowsill) or **below -33 °C**.
- When storing, ensure the **earcups are not compressed** – long-term compression may cause **permanent deformation** and thus **loss of noise attenuation**.
- Regularly check the earcups for **cracks or tears**, which may impair situational awareness and hearing protection and/or cause discomfort.

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Recycling

- This product is subject to **Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE)** and is **recyclable**.
- Dispose of the product **in accordance with national regulations**.
- Use the **local electronic product recycling system**.

In case of any questions or support needs, please contact our Customer Support Center at info@reddotone.com or visit our website at www.reddotone.com.

Producer

- Red Dot One s.r.o.
  IČ 24731561
  DIČ CZ CZ24731561
  Svatá Kateřina 10, 34022 Chudenín
  Česká republika

- Kontakt:
  Email: info@reddotone.com
  Web: www.reddotone.com