

Accessound TECHNICAL GUIDE



Headset to guide visually impaired people when swimming

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PRODUCT DEFINITION

The Accessound bone conduction headset is a product specialized in accompanying blind or visually impaired people in their aquatic activities in open water. Its bone conduction system makes it possible to guide the different users in real time using a walkie-talkie (transmitter).

GENERAL CHARACTERISTICS

TECHNICAL INFORMATIONS:

Warranty	Reach	Sound	Sealing	Autonomy	Loading time	Color(s)
2 years	800 to 1000 m	10 m under clear water	Headphones: IPX8 Transmitter: IP65	6 h	1 to 2 h	<ul style="list-style-type: none">• Yellow• Black

Note: A carrying case is provided to protect it and move it quickly.



ADVANTAGES:



- Suitable for open waters activities: sea, lake, ocean, ...
- Large transmission range
- Easily transportable (cover provided)
- Quick after-sales service
- Comfortable to use
- Free ears: better consideration of the external environment
- Up to 7 channels per transmitter (i.e. 7 users or group of users)
- No maintenance and very good reliability

Note: For the purchase of a kit (transmitter and receiver) swimming caps of different colors are provided to you free of charge!

PRESENTATION OF THE KIT

List of items of the Accessound kit



Transmitter:

Walkie-talkie allowing a lifeguard or a guide to communicate in real time with the user of the Accessound from the edge of the water in order to supervise and guide swimming. A headset with a microphone offers the possibility of using it hands-free.

Receptor:

Wireless headphones using the principle of sound transmission by bone conduction.

Technical info:

The bone conduction headset will transmit sound waves through the bones of the cranium to the inner ear bypassing the eardrum.

The ears thus remain free to better perceive the external environment.



Bathing caps:

20 swim caps in 4 different colors will be provided with each order.

These bathing caps will make it possible to differentiate between users and/or groups of users on the beach or in the water.

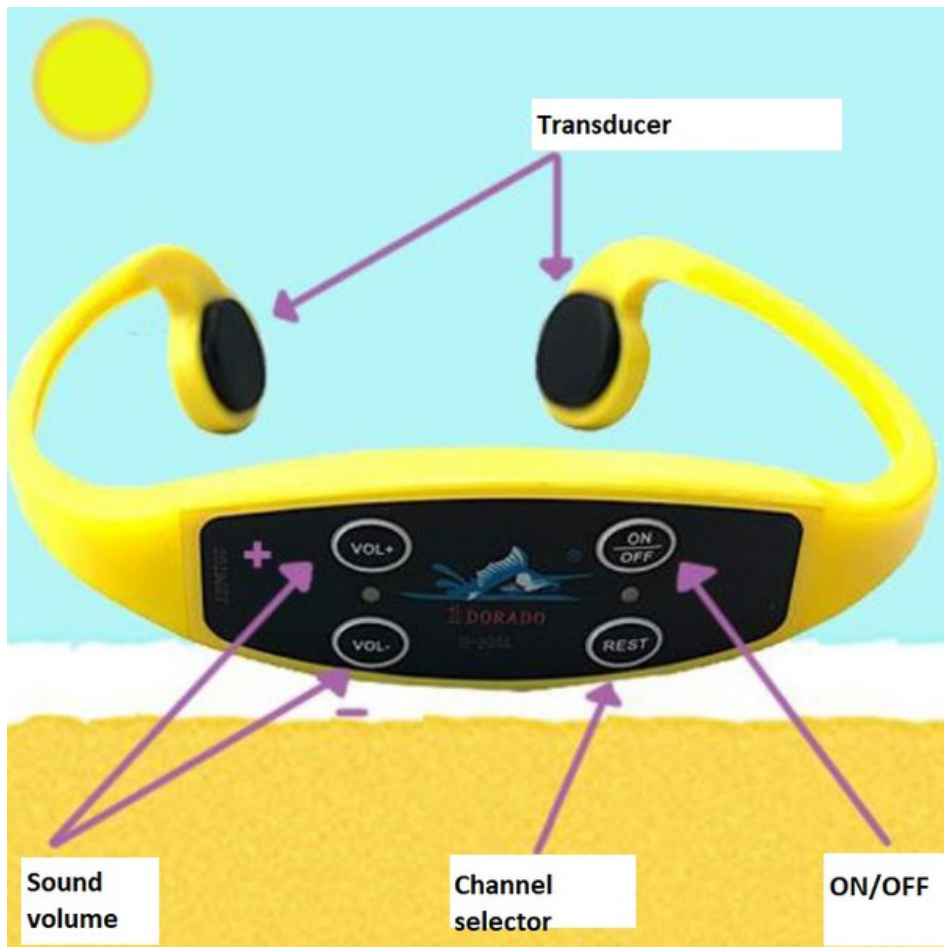
Wiring and charging:

Each kit includes the wiring needed to recharge the transmitter headphones (main socket, Jack socket, USB port).



CONDITIONS OF USE

Headset presentation



Load

When you receive your Accessound, please make sure to plug in both units (headset and transmitter) and fully charge each unit before use:

- The headset uses DC + 5V
- The transmitter uses DC + 5V

First of all, it is necessary to ensure that the headsets are fully charged before each use: the charging time is 1 to 2 hours for a battery life of up to 6 hours.

- The red light indicates that the device is charging.
- The light off means the headset is fully charged and ready to use.

CAUTION: If the product is not used for a long period, the headset must be charged at least once a month to avoid any risk of damaging the battery and degrading its lifespan.

Starting the system

- Switch on the headphones by holding the on/off button pressed for 3 seconds.
- Turn on the transmitter (walkie-talkie) by turning the volume knob clockwise.

When the transmitter is on, 2 lights should appear:

- Blue light means the unit is on
- Red, blue or yellow light indicates which channel the transmitter is on
- Use the function button (REST) on the headphones to select the desired channel

The indicator lights on the headset and the transmitter must be the same color to ensure a good connection between the 2 devices.

When 2 headphones are on the same channel, no extraneous sound should be heard.

- Raise or lower the volume according to your preference and comfort

The helmet must be installed in the opposite direction of a usual audio helmet, it is important to position the transducers at the level of the cheekbones and not the ears!

Tips for use and Safety

For proper use of the Accessound, we recommend that you use the caps available in your order to avoid any risk of loss in the event of waves.

We advise you to always do a sound test with the user before entering the water to ensure that the latter is comfortable with the product.

Swimming is not done just anywhere, it is essential to respect the swimming areas supervised and secured by professional lifeguards

Do not hesitate to offer a flotation vest for more safety.

Important signs for communicating with a visually impaired person



WARRANTY

Accessrec Europe offers a two (2) years warranty starting at the date of your Purchase Order. This warranty only covers manufacturing and material defects of the product, only for the frame. The warranty does not apply to textiles, armrests or tires. Alterations related to normal use are not considered as manufacturing defects. Damages caused by vandalism are not covered by the warranty. Any warranty limitations will be assessed by AccessRec Europe.

The warranty does not cover:

- The normal use of Accessound
- Improper care, operation, maintenance and storage of Accessound
- An accident or natural disaster
- Modifications that have been made to Accessound without written consent of Accessrec Europe
- Repairs that have been made without written consent of Accessrec Europe

This warranty does not cover any labor or shipping charges that may be required if the Accessound needs to be replaced or repaired. If you are not satisfied with the conditions provided or the repairs that have been made, please contact AccessRec Europe directly. Products cannot be returned without the consent of AccessRec Europe. The two (2) year warranty is only applicable to the original purchaser.

REFERENCES

