

# CAHTA BTE T4 instruction manual

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# Enjoy The Sound and To Be Better

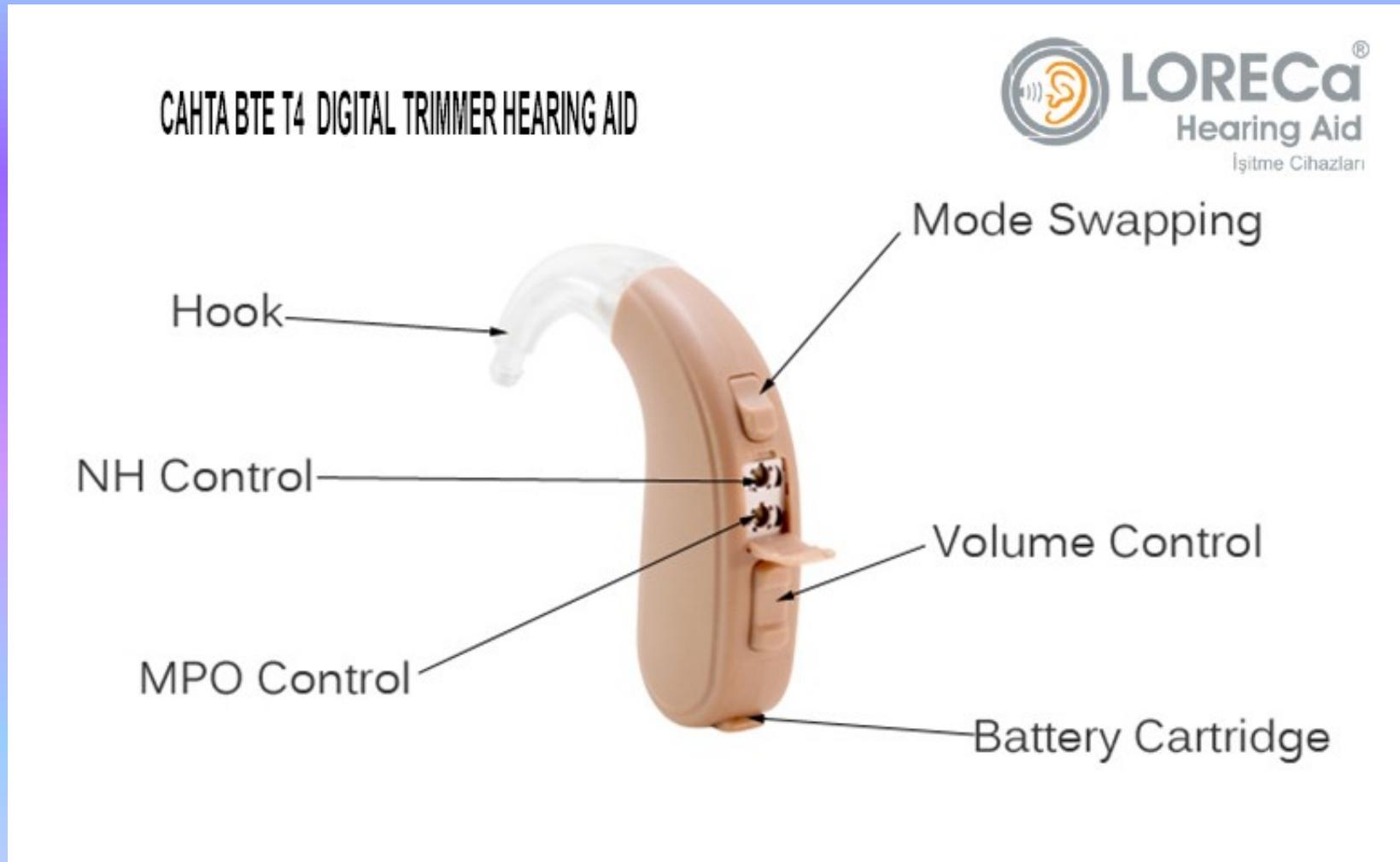
LISTEN TO THE WORLD OF LOVE JINHAREWRWQR REREYTYTRGHFG YTRU JHTREW TEW  
ISTEN TO THE WORLD OF LOVE JINHAO EAR-TYPE D



High Power / 250 Hrs. Operation

- ✓ 3 Modes
- ✓ MPO adjustment
- ✓ AFC AGC WDRC

## 1. Unit description



## 2.1 Knowledge about Zinc Air battery



| Size | Color Code  | Dimensions (WxH) | Typical Uses   | Average Lifespan |
|------|---|------------------|--|------------------|
| 675  | <br>Blue   | 11.6mm x 5.4mm   | Power BTE hearing aids   | 9-20 days        |
| 13   | <br>Orange | 7.9mm x 5.4mm    | BTE hearing aids<br>ITE hearing aids                           | 6-14 days        |
| 312  | <br>Brown  | 7.9mm x 3.6mm    | Mini BTE hearing aids<br>RITE hearing aids<br>ITC hearing aids | 3-10 days        |
| 10   | <br>Yellow | 5.8mm x 3.6mm    | Mini RITE hearing aids<br>CIC hearing aids                     | 3-7 days         |

### Did you know?



Many hearing aid batteries use zinc-air technology and are activated by exposure to oxygen. Don't remove the sticker until you are ready to use the battery.

Once activated, the batteries are continuously running. However, you can conserve battery life by opening your hearing aid battery doors when you remove your hearing aids at night.



Allow the battery one minute to rest after removing the sticker and before placing it into the hearing aid. This will allow it to activate.

Many hearing aid centers allow you to drop off used hearing aid batteries for recycling and to keep them out of the waste stream.



Life expectancy for hearing aid batteries varies, depending on the individual's hearing loss, the amount of time the devices are worn, the ambient conditions of the environment and the age of the batteries themselves.

Color is key! All manufacturers are required to use specific colors for each hearing aid battery size. When you buy batteries, you only need to look for your color – yellow, brown, orange or blue.



## 2.2 Place battery

Step 1: A13 battery used, put the sticker off from the zinc ear battery, place the battery into the machine after 1 minute later  
Step 2:



# 3 Modes exchange: three modes available

## MULTIPLE MODES SIMPLE SWITCHING

One-button intelligent switching of different program modes  
Achieve the desired listening effect on different occasions

LISTEN TO THE WORLD OF LOVE | NHA9EWRWQK REREYTYRCHG YTRU HTRWY TEM  
LISTEN TO THE WORLD OF LOVE | NHA9E EAR-TYPE D

### QUIET MODE

Suitable for quiet acoustic environments such as homes, classrooms, offices, and libraries



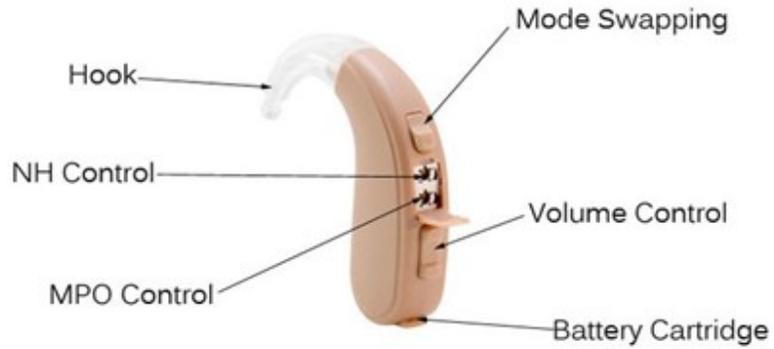
### NOISE REDUCTION MODE

Suitable for quiet acoustic environments such as homes, classrooms, offices, and libraries



### INDUCTANCE MODE

Suitable for answering calls, and in concert halls, theaters with inductive loops



CAHTA BTE T4  
Trimmer Digital

Three modes swapping for different environment



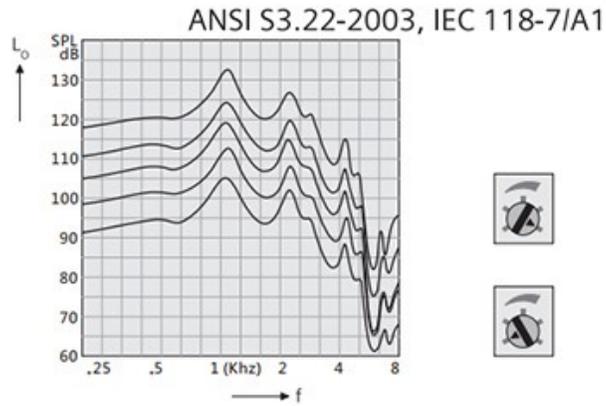
## Exchange modes

1. You can exchange modes by short pressing Modes Swapping button, DU sound is mode 1, DUDU is mode 2, DUDUDU is mode 3
2. It will back to mode 1 (normally mode/quiet mode) once you take out the battery and turn on the machine
3. Three modes available, mode 1 can be used in the quiet environment; mode 2 can be used in noise environment; mode 3 is used when answer phone, and inductance request

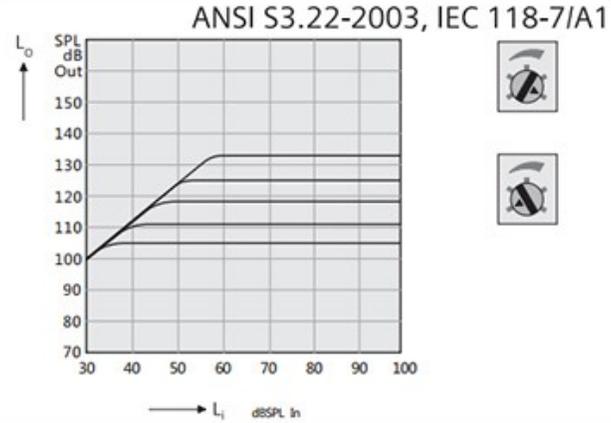
# 4 Trimmer instruction



## MPO Frequency Response ( $L_i = 90$ dB)



## Effect MPO



## FINE ADJUSTMENT PARAMETERS

| CLASSIFICATION       | SPECIFIC ISSUES                            | H - LOW FREQUENCY | P - OUTPUT | VOLUME |
|----------------------|--|-------------------|------------|--------|
| <b>SPEECH</b>        | The voice was muffled and echoed           | ↶                 | ↶          | —      |
|                      | The sound is too light                     | ↷                 |            | +      |
|                      | The sound is too loud                      |                   | ↷          | —      |
|                      | The sound is difficult to understand       |                   |            | +      |
|                      | It is difficult to understand in the noise | ↶                 |            |        |
| <b>SOUND QUALITY</b> | All sounds are too loud                    |                   | ↷          | —      |
|                      | All sounds are too light                   | ↷                 | ↷          | +      |
|                      | All sounds are too sharp                   | ↷                 |            |        |
| <b>NOISE</b>         | There is howling                           |                   |            | —      |
|                      | The background sound is too loud           | ↶                 |            | —      |
|                      | There is too much noise                    |                   | ↷          | —      |

## Volume control

To adjust the volume by pressing volume control, when Max.  
& Min., you will hear "Dudu"



## 6. Initial use and operation

1 Choose one of the three different sizes of earplugs that fits your own, and attach to the end of the sound tube with the connector.

2. The other end of the sound pipe is fitted to the ear hook of the host Carefully push the ear piece in the ear canal

- Note: Insert the ear piece carefully and not too deeply into the ear.

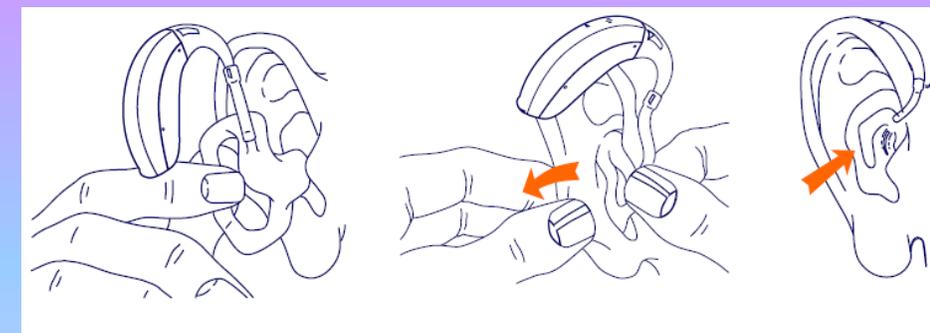
3. Twist it slightly until it sits well.

- Note: Open and close your mouth to avoid accumulation of air in the ear canal.

4. Note: Open and close your mouth to avoid accumulation of air in the ear canal.

5. Removing

- 1) Lift the hearing instrument and slide it over the top of your ear
- 2) Hold the tube and pull the ear piece carefully out



## 7. TROUBLESHOOTING

Check the following if the device should fail during operation.

| Problem                             | Solution   |
|-------------------------------------|--|
| No sound or weak sound              | <ul style="list-style-type: none"> <li>- Turn on the devices;</li> <li>- Remove and re-install the battery;</li> <li>- Replace the battery;</li> <li>- Contact your distributor;</li> <li>- Clean or replace the tube or earplug.</li> </ul> |
| Hearing aid emit an an alert signal | <ul style="list-style-type: none"> <li>- Replace the battery.</li> </ul>   |
| Sound is distorted                  | <ul style="list-style-type: none"> <li>- Replace the battery;</li> <li>- Decrease the volume level;</li> <li>- Clean or replace the tube or earplug.</li> </ul>  |
| Hearing aid does not work           | <ul style="list-style-type: none"> <li>-Turn on the devices;</li> <li>-Make sure the battery compartment are closed well;</li> <li>-Replace the battery.</li> </ul>  |

## Selling point of this machine

1. Super power 62dB fit for moderate & severe hearing loss people

### 2. **Wide Dynamic Range Compression (WDRC)**

Your Device are available for the WDRC function , which allow more gain for soft sounds, and less for loud, Little need for manual adjustment

### 3. **Adaptive Feedback Cancellation (AFC)**

The whistle will be reduced by this function when you using the device.

# DIGITAL SOUND PROCESSING

U.S. imports of multi-channel DSP digital chips  
Support multiple environmental models, to real sound quality

FOR ATTENTION TO THE HEARING NEEDS OF THE ELDERLY AND YOUNG  
PROVIDE YOUR CUSTOMERS WITH THE BEST SOUND QUALITY AND RELIABLE PRICE

Low power  
consumption

Wide dynamic  
range  
compression

Automatic  
tone  
augment



# HIGH NOISE-TO-NOISE RATIO

The United States imported silicon microphones,  
which have clear sound collection and high noise-to-noise ratio.  
Not traditional electret microphone

PAY ATTENTION TO THE HEARING HEALTH OF THE ELDERLY AND MAKE  
PRODUCTS OF GOOD QUALITY AND REASONABLE PRICE.



**SILICON  
MICROPHONE**

# MOVING IRON HORN

In the aspect of output sound quality, moving iron horns are superior to conventional dynamic horns, resulting in high-definition sound quality and restoring tone colors.

PAY ATTENTION TO THE HEARING HEALTH OF THE ELDERLY AND MAKE PRODUCTS OF GOOD QUALITY AND REASONABLE PRICE.



**DYNAMIC IRON HORN**

## LONG OPERATING TIME



**LORECa**<sup>®</sup>  
Hearing Aid  
İşitme Cihazları

# CE 1014



ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC  
ELEKTROTECHNISCHE PRÜFANSTALT - TSCHIECHISCHE REPUBLIK  
INSTITUT ÉLECTROTECHNIQUE DES SAAS - RÉPUBLIQUE TCHÈQUE  
ЭЛЕКТРОТЕХНИЧЕСКИЙ ИСПЫТАТЕЛЬНЫЙ ИНСТИТУТ - ЧЕШСКАЯ РЕСПУБЛИКА

Pod lsem 129/2, 171 02 Praha 8 - Troja

## EC CERTIFICATE PRODUCTION QUALITY ASSURANCE

issued in accordance with Annex 5 of Government Order No. 54/2015 Coll.  
(Annex V of Directive 93/42/EEC)

No.: MED 150071

The Electrotechnical Testing Institute, Notified Body No. 1014, on the basis of the carried out audit results has decided that the quality system established at the

manufacturer **DOGUS MEDİKAL TİCARET VE SANAYİ LTD. ŞTİ**  
Kale Mah. Osmaniye Cad. Belediye Merkez Çarşısı No: 8/1-11, Samsun, Turkey

for manufacturing and final inspection of medical device(s)

Hearing aids – class IIa  
Models: CAHTA, SONUS 3, SONUS 5, SONUS 7E, SONUS 9F, PIMA EQ, PIMA MQ,  
XLINE 4, XLINE 4E, XLINE 8, XLINE 10, XLINE 16, XLINE 16E, VERTO, SONUS 7E,  
SONUS 9E series

meets the provisions of Annex 5 of Government Order No. 54/2015 Coll., which specifies technical requirements for medical devices (Annex V of Directive 93/42/EEC).

The notified body agrees with attaching its identification number 1014 to CE marking, which will be affixed to the above mentioned medical device(s) in accordance with Article 6 of Government Order No. 54/2015 Coll. (clause 17 of Directive 93/42/EEC).

The decision was based on the results presented in the audit report No. 403153-01 of: 09.04.2015, 910045-01 of: 11.02.2019.

The approved quality system established at the manufacturer is subject to regular surveillance audits by the notified body in accordance with Annex 5 clause 4 of Government Order No. 54/2015 Coll. (Annex V clause 4 of Directive 93/42/EEC). The manufacturer must inform the notified body which approved the quality system about any intention of substantial changes to the quality system or the product range covered. In case that the conditions under which the certificate was issued are violated, the notified body may suspend the validity of the certificate or cancel the certificate.

This certificate can be used for class IIb and III medical devices together with EC Type-Examination Certificate only, issued in accordance with Annex 3 of Government Order 54/2015 Coll. (Annex III of Directive 93/42/EEC).

Edition 1

The first issue of this Certificate from 29.04.2015 with validity until 28.04.2020  
The validity of this Certificate is limited until: 28.04.2020

19.02.2019

Prague

Mgr. Miroslav Sedláček  
Head of Certification Body



403153-01