

**PHILIPS**

**VoiceTracer**

Audio recorder

DVT7500

**SpeechLive**

30-day free trial  
+ free speech recognition  
+ free transcription service  
[www.speechlive.com/dvt](http://www.speechlive.com/dvt)



# User manual

# Table of contents

|                                |           |
|--------------------------------|-----------|
| <b>1 Important information</b> | <b>3</b>  |
| Safety instructions            | 3         |
| Rechargeable built-in battery  | 3         |
| Data reset                     | 3         |
| Hearing protection             | 3         |
| Cleaning and disinfection      | 3         |
| Recycling                      | 3         |
| About this user manual         | 4         |
| Symbols used                   | 4         |
| <b>2 Your audio recorder</b>   | <b>5</b>  |
| Product highlights             | 5         |
| What's in the box              | 5         |
| Overview of the recorder       | 6         |
| <b>3 Getting started</b>       | <b>7</b>  |
| Charging the battery           | 7         |
| Turn the device on and off     | 7         |
| Key lock                       | 7         |
| Connect to a computer          | 7         |
| Set the date and time          | 8         |
| Set the device language        | 8         |
| <b>4 Recording</b>             | <b>9</b>  |
| Recording screen               | 9         |
| Record a file                  | 9         |
| Adjust microphone gain         | 10        |
| Add an index mark              | 10        |
| Multichannel recording         | 10        |
| Voice-activated recording      | 10        |
| Line-in recording              | 11        |
| Recording via XLR              | 11        |
| Charge the XLR adapter         | 11        |
| Start an XLR recording         | 11        |
| <b>5 Playback</b>              | <b>13</b> |
| Playback screen                | 13        |
| Play back files                | 13        |
| Playback speed                 | 14        |
| A-B replay mode                | 14        |
| Edit files                     | 14        |
| Delete files                   | 15        |
| Lock files                     | 15        |
| <b>6 Music mode</b>            | <b>16</b> |
| Music playback screen          | 16        |
| Playback mode                  | 16        |
| Start the music playback mode  | 16        |
| Play back music files          | 17        |
| Playback speed                 | 17        |
| A-B replay mode                | 17        |
| Add an index mark              | 18        |
| Delete files                   | 18        |
| <b>7 Settings</b>              | <b>19</b> |
| Settings mode                  | 19        |
| File                           | 19        |
| Record                         | 19        |
| Display                        | 20        |
| Device                         | 20        |

|   |           |
|---|-----------|
| <b>8 Device and data management</b>     | <b>21</b> |
| Transfer data to and from the computer  | 21        |
| Reset your data and settings            | 21        |
| Reset data                              | 21        |
| Reset settings                          | 21        |
| Updating your device                    | 22        |
| <b>9 Service and support</b>            | <b>23</b> |
| Display device information              | 23        |
| Contact our supporting Philips partners | 23        |
| Troubleshooting                         | 24        |
| <b>10 Technical data</b>                | <b>26</b> |

# 1 Important information

Don't make any adjustments and modifications that aren't described in this manual. Follow all safety instructions to ensure proper operation of the device. The manufacturer assumes no liability for damages resulting from non-compliance with the safety instructions.

## Safety instructions

- Protect the device from rain and liquids to prevent damage to the device or a short circuit.
- Don't expose the device to excessive heat caused by placing it on a heating device or in direct sunlight.
- Protect the cables from damage by being trapped, particularly at the plugs and where cables exit the housing.
- Back up your data and recordings. The manufacturer's warranty doesn't cover loss of data resulting from user actions.
- Don't perform any maintenance operations that aren't described in this user manual. Don't disassemble the device into its component parts to carry out repairs. The device may only be repaired in authorized service centers.

## Rechargeable built-in battery

- Don't attempt to replace the battery yourself. The battery may only be replaced in authorized service centers.
- Before your battery is replaced by an authorized service center, back up your data and recordings.
- Batteries contain substances that may pollute the environment. Used batteries should be disposed of at an official collection point.

## Data reset

Philips Voice Tracer has an internal memory with 16 GB built-in storage. If you want to perform a factory data reset, observe the following cautions:

- Back up your data and recordings. Performing a factory data reset will delete all data on your device.
- Formatting the memory on a computer may cause incompatibilities with your device. Format the memory only on the device.

## Hearing protection

Observe the following guidelines when you use headphones:

- Set the volume to a moderate level and don't use headphones to listen for excessively long periods of time.
- Be particularly careful to avoid adjusting the volume to a level that your hearing can't deal with.

- Don't turn the volume up so high that you can't hear what is going on around you.
- In potentially dangerous situations, be particularly careful or temporarily discontinue use.
- Don't use headphones while you are operating a motorized vehicle, cycling, skateboarding, and so on. You could be a hazard to yourself and other road users, and possibly be breaking the law.

## Legal restrictions on recording

- The use of the device's recording function is subject to the legal restrictions that may apply in your country. You should also respect the privacy and personal rights of third parties if you record talks or lectures.
- If you want to record telephone calls, check if this is legal in your country. In certain countries, you may be legally required to inform the person you are conversing with on the telephone that you are recording the conversation.

## Cleaning and disinfection

- Before cleaning, disconnect all cables from the device.
- To clean the device, use a soft dry cloth.
- To disinfect the device, use products for disinfection of surfaces in clinical areas and patient care equipment, such as surface disinfectant wipes.
- Don't use harsh chemicals or strong detergents.
- Avoid getting moisture in openings.
- Don't rub or strike the surface with anything hard or sharp as this may scratch or damage the surface permanently.

## Recycling

A crossed-out wheeled bin symbol attached to a product indicates that the product is covered by the European Directive 2011/65/EU. Please get informed about the local separate collection system for electrical and electronic products. Please act according to your local rules and don't dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



---

## About this user manual

Find a quick overview of your device on the next pages.  
For detailed description, see the following chapters of this user manual. Read the instructions carefully.

### Symbols used



#### Note

- This symbol indicates notices which you should observe when handling or operating the device.



#### Caution

- This symbol warns of damage to the device and possible data loss. Damage can be caused by improper handling.

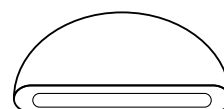
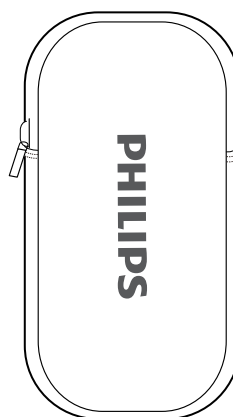
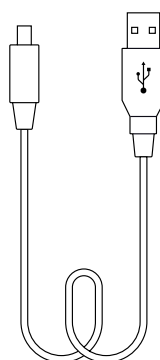
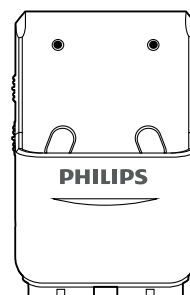
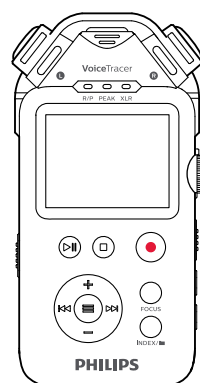
## 2 Your audio recorder

We are delighted that you have chosen a Philips device. Visit our website for comprehensive support, such as user manuals, software downloads, warranty information and more: [www.philips.com/dictation](http://www.philips.com/dictation).

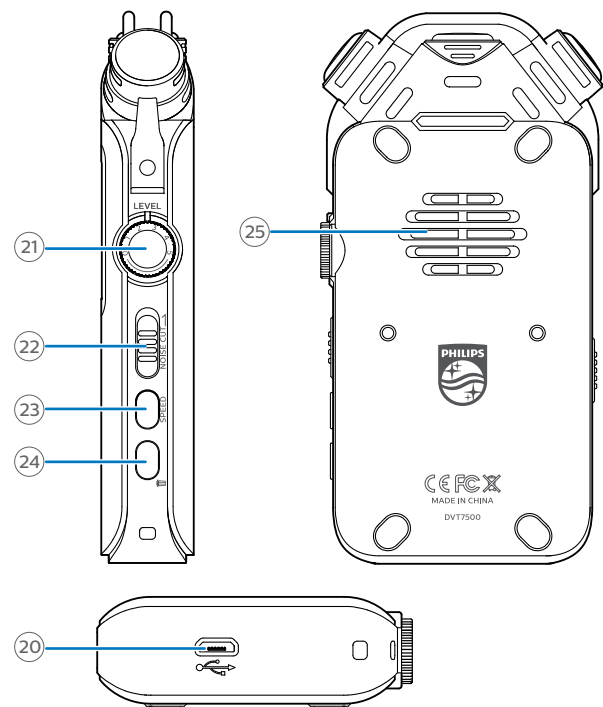
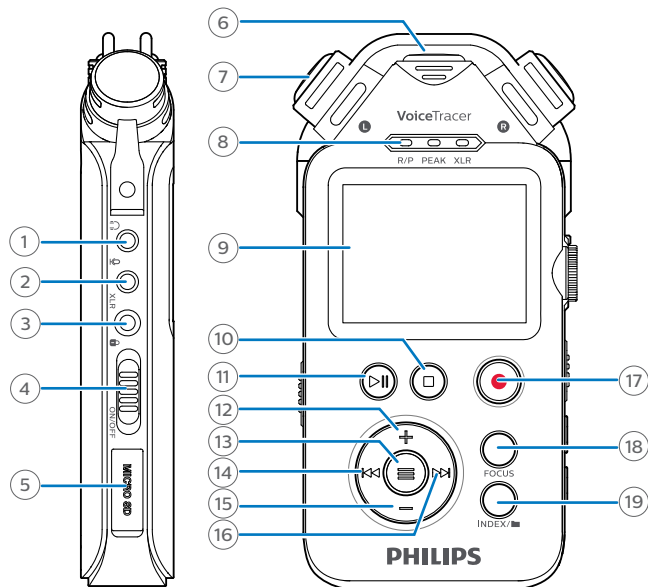
### Product highlights

- One-touch recording
- Digital noise reduction
- Recording formats MP3 and WAV
- Simultaneous multichannel recording
- USB 2.0 data access
- Voice-activated recording
- USB mass storage, ensuring maximum compatibility

### What's in the box



## Overview of the recorder



- ① Headphones jack
- ② External microphone jack
- ③ XLR jack
- ④ Power switch, Lock switch
- ⑤ MicroSD card slot
- ⑥ Center microphone
- ⑦ Stereo microphones
- ⑧ Record/Play indicator
- ⑨ Screen
- ⑩ Stop button
- ⑪ Play/Pause button
- ⑫ Volume up button
- ⑬ Menu button
- ⑭ Fast rewind, Previous track, Menu selection button
- ⑮ Volume down button
- ⑯ Fast forward, Next track, Menu selection button
- ⑰ Record button
- ⑱ Focus button
- ⑲ Index button, File folder, Switch button

- ⑳ Micro USB port
- ㉑ Microphone gain control
- ㉒ Noise cut switch
- ㉓ Speed button
- ㉔ Delete button
- ㉕ Speaker

## 3 Getting started



### Caution

- Before you connect and install your recorder, first read the safety instructions (see [Safety instructions](#)).

## Charging the battery

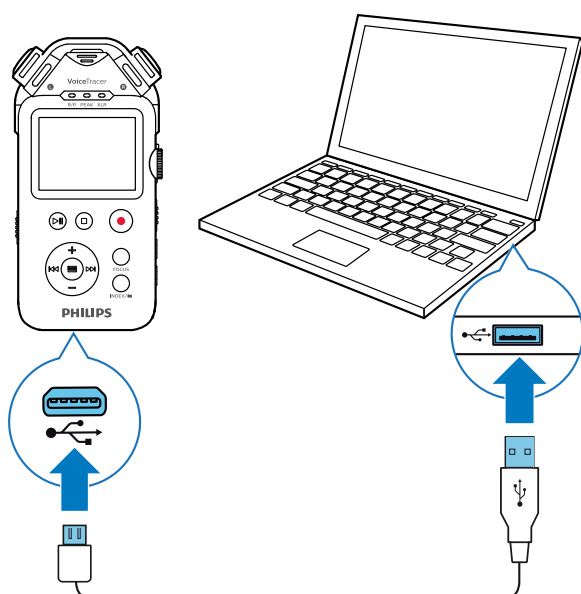
Charge the built-in battery before you use the device for the first time or if you haven't used it for an extended time period. If the battery is completely discharged and your device turns off, allow the battery to charge for a while before you turn on the device.



### Note

- The length of the USB cable might impact the charging speed. Longer cables usually extend the charging time.
- While the device is connected to a computer, it can't be operated manually.

Before you charge the battery via computer, make sure that your computer is turned on.



- ↳ A charging battery icon appears on the screen and an orange indicator light illuminates, indicating that the device is recharging.



- ↳ When the device is fully recharged, the orange indicator light turns off.


## Turn the device on and off

To turn the device on or off:

- Slide and hold the Power switch on the left side of the device downwards for two seconds until you see the Philips emblem on the screen.



### Note

- When the battery indicator  is displayed, charge the device promptly.

## Key lock

You can lock your device when it's active to prevent any unwanted device operations or access.

To lock the device:

- Slide the Power switch on the left side of the device upwards towards the lock symbol.
  - ↳ The lock symbol appears on the screen for a moment.



- ↳ All buttons are locked now.

To unlock the device:

- Slide the Power switch downwards.

## Connect to a computer

You can use your recorder as a USB mass storage to conveniently store, back up and move files. Link the device to a computer with a USB cable. Your recorder will automatically be recognized as a mass storage device. You don't need to install any software. For more information on how to connect your device to a computer, see the illustration in [Charging the battery](#).



### Caution

- Don't disconnect the USB cable from the device while you are transferring files. This might cause data loss.







### Note

- While the device is connected to a computer, it can't be operated manually.

---

## Set the date and time




You can always change the date and time as well as the time format on your device.

- 1 In stop mode, press and hold the Menu button .
- 2 Press the Fast forward button to scroll to the **Device** menu.
- 3 Press the Menu button  to select **Date/time**.
- 4 Press the Volume down button to scroll to your desired setting, and then press the Menu button  to confirm your selection.
- 5 Use the Volume up or Volume down button to select the time format. Use the Volume up, Volume down, Fast forward, and Fast rewind button to set the date and time.
- 6 Press the Menu button  to confirm your setting.
- 7 To return to the stop mode screen, press the Stop button.

---

## Set the device language

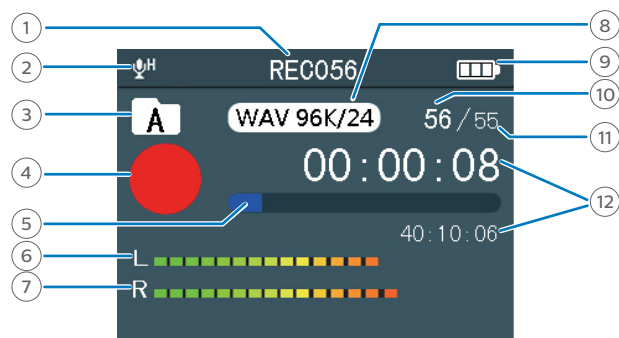
You can always change the language of your device.

- 1 In stop mode, press and hold the Menu button .
- 2 Press the Fast forward button to scroll to the **Display** menu.
- 3 Press the Menu button  to select **Language**.
- 4 Press the Volume down button to scroll to your desired language, and then press the Menu button  to confirm your selection.
- 5 To return to the stop mode screen, press the Stop button.



## 4 Recording

### Recording screen



- ① File name
- ② Microphone sensitivity
- ③ Current folder
- ④ Recording status
- ⑤ Audio progress bar
- ⑥ Left volume level meter
- ⑦ Right volume meter
- ⑧ Recording type
- ⑨ Battery status
- ⑩ Total number of files in current folder
- ⑪ Number of current file
- ⑫ Audio time: Passed time and total time of current file

### Record a file



#### Note

- Before you start recording, make sure your device has enough battery power left. When your battery is almost discharged, you will see a battery low icon:



- The device will turn off and your current recording will automatically be saved.
- Be careful not to cover the microphones while recording. This might result in a lower recording quality.
- Before you start recording, first select the folder you want your recording to be saved in. You can store 99 files in each of the folders A, B, C, and D. If one of the folders is full, your subsequent recordings will automatically be stored in the next folder.
- If the recording time of your current recording exceeds the available storage capacity, the recording will stop. In this case, delete files from your device to make more storage available.

### Start a new recording

- 1 In stop mode, press the Index button to select the desired folder you want your file to be saved in after recording.
- 2 Press the Record button to start a new recording.
  - ➔ The Record/Play indicator illuminates red.

### Pause recording

- In recording mode, press the Record button.
  - ➔ The Record/Play indicator flickers and the Recording status icon changes to 'pause'.

### Finish recording and save the recorded file

- In recording or pause mode, press the Stop button.
  - ➔ The recording is saved to the preselected folder.

## Adjust microphone gain

Adjust the microphone gain during recording in order to achieve the best recording quality.

- 1 In recording mode, press the Focus button.
- 2 Use the microphone gain control to set the appropriate microphone level.
- 3 Press the Focus button again to finish the microphone gain adjustment.

## Add an index mark

Use one or more index marks to mark certain points in a recording as points of reference.





Note

- Up to 10 index marks can be set per recording.



### To add an index mark:

- In recording mode or playback mode, press the Index button at the desired part of your recording.

### To go to a particular index mark:

- 1 In playback mode, press and hold the Index button.
- 2 Press the Menu button  to select the option **Go to bookmark**.
- 3 Use the Volume up or Volume down button to scroll to your desired index mark.
- 4 Press the Menu button  to confirm your selection.




### To delete an index mark:

- 1 In playback mode, press and hold the Index button.
- 2 Use the Volume down button to scroll to the option **Delete bookmark**.
- 3 Press the Menu button  to confirm your selection.
- 4 Use the Volume up or Volume down button to scroll to your desired index mark.
- 5 Press the Menu button  to confirm your selection.

## Multichannel recording

You can use multiple recording channels at the same time, such as XLR, Line-in, and the built-in microphones.

### To activate multiple channels for your recording:




- 1 In stop mode, press and hold the Menu button .
- 2 Press the Fast forward button to scroll to the **Record** menu.
- 3 Press the Volume down button to scroll to **Input source**, and then press the Menu button  to confirm your selection.
- 4 Press the Volume down button to scroll to your desired recording channel, and then press the Menu button  to confirm your selection.
- 5 To return to the stop mode screen, press the Stop button.
- 6 Start recording as described in [Record a file](#).

## Voice-activated recording

Use voice activation to start recording when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence. It will resume only when you begin speaking again.

Before you start using voice-activated recording, make sure that this feature is enabled.

### To enable voice-activated recording:

- 1 In stop mode, press and hold the Menu button .
- 2 Press the Fast forward button to scroll to the **Record** menu.
- 3 Press the Volume down button to scroll to **Voice activation**, and then press the Menu button  to confirm your selection.
- 4 Press the Volume down button to scroll to **Enable**, and then press the Menu button  to confirm your selection.
- 5 To return to the stop mode screen, press the Stop button.

## Line-in recording

If you don't want to use your device's built-in microphones, you can also record via an external recording channel. Simply connect an external microphone or an audio equipment's audio output, such as the audio output of a radio, CD player, or DVD player, to your Voice Tracer by using a stereo audio cable.



### Note

- When you connect an external recording channel to your Voice Tracer, the built-in microphones are disabled. However, you can activate multichannel recording as described in [Multichannel recording](#).
- The plug of the audio cable must be a stereo plug.
- Before you start line-in recording, adjust the volume of the sound source to a suitable level. Too low or too high volume levels might result in poor recording quality.

- 1 Connect the supplied stereo audio cable to the line-in jack of your Voice Tracer and to the line-out jack of your external recording channel.
- 2 Start recording as described in [Record a file](#).

## Recording via XLR

Connect your audio equipment to your Voice Tracer via the supplied XLR adapter to record professional high-quality audio recordings.



### Note

- When you connect an external recording channel to your Voice Tracer, the built-in microphones are disabled. However, you can activate multichannel recording as described in [Multichannel recording](#).

## Charge the XLR adapter

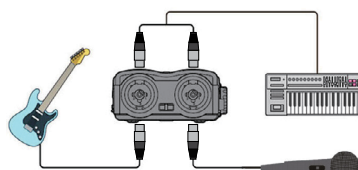
Before you start recording via XLR, first charge the supplied XLR adapter. The adapter needs about two hours to be fully recharged.

### To charge the XLR adapter:

- Connect the XLR adapter to your computer via a USB cable.
  - ↳ The charging indicator on the left side of the XLR adapter illuminates red.
  - ↳ When the adapter is fully recharged, the charging indicator illuminates yellow.

## Start an XLR recording

- 1 Place your Voice Tracer into the supplied XLR adapter.
- 2 Connect the audio cable of the XLR adapter to your Voice Tracer's XLR jack.
- 3 Turn on the XLR adapter by pushing the On/Off switch on the left side of the adapter to the On position.
  - ↳ The recording indicator on the left side of the XLR adapter illuminates red.
- 4 Connect an XLR cable to your Voice Tracer's XLR adapter and to the XLR output of your audio equipment.



- 5 Start recording as described in [Record a file](#).



### Note

- If the XLR cable is unplugged from the external recording channel, Voice Tracer will automatically save your current recording.
- If your audio equipment's battery power is low, Voice Tracer will automatically save your current recording. In this case, recharge your audio equipment's battery to continue recording.

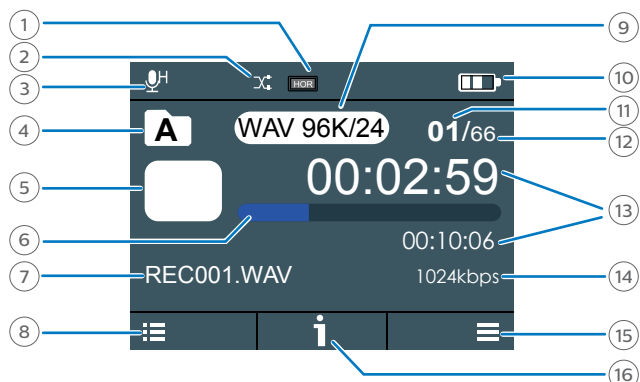
In the professional music field where XLR equipment is needed, a 24V/48V XLR connector might be required. The schematic diagram is as below:

| Devices |            | Conditions  |
|---------|------------|---|
| Dynamic | Parameters | <ul style="list-style-type: none"><li>• Application areas: stage performances, karaoke performances, outdoor campaign</li><li>• Technical Parameters: Frequency response: 40 Hz-16 kHz<br/>Sensitivity: -50 dB ± 3 dB, (suggested sensitivity: -5 dB ± 3 dB, -53 dB ± 3 dB, -54 dB ± 3 dB, -55 dB ± 3 dB dynamic microphone)<br/>Output Impedance: 600 Ω ± 30% (at 1 kHz)</li></ul> |
|         | Voltage    | <ul style="list-style-type: none"><li>• XLR (0 V)</li></ul>   |
|         | Cable      | <ul style="list-style-type: none"><li>• XLR cable with one 6.35 mm plug and one male XLR plug</li></ul>   |
|         | Reminder   | <ul style="list-style-type: none"><li>• Before recording, set the voltage to 0 V to avoid background noise and poor recording quality.</li></ul>  |

| Devices   |            | Conditions   |
|---|------------|--|
| False phantom power condenser microphone (with AAA batteries) | Parameters | <ul style="list-style-type: none"><li>• Application areas: network karaoke, recording with PC and instrument, etc.</li><li>• Technical Parameters: Frequency response: 30 Hz-20 kHz<br/>Sensitivity: -36 dB ± 3 dB (suggested sensitivity: -38 dB ± 3 dB, -32 dB ± 3 dB, -45 dB ± 3 dB, -34 dB ± 3 dB condenser microphone)<br/>Equivalent noise level: ≤22 dB<br/>Maximum SPL: 125 dB (at 1 kHz 0 dB THD ≤1% 0)<br/>Output Impedance: 350 Ω ± 30%<br/>Load Impedance: ≥1000 Ω<br/>Voltage: 1.5 V AA battery</li></ul> |
|   | Voltage    | <ul style="list-style-type: none"><li>• XLR (0 V)</li></ul>  |
|   | Cable      | <ul style="list-style-type: none"><li>• XLR cable with one 6.35 mm plug and one male XLR plug</li></ul>  |
|   | Reminder   | <ul style="list-style-type: none"><li>• Before recording, set the voltage to 0 V to avoid background noise and poor recording quality.</li></ul>   |
| Electric guitar   | Voltage    | <ul style="list-style-type: none"><li>• XLR (0 V)</li></ul>  |
|   | Cable      | <ul style="list-style-type: none"><li>• Guitar cable</li></ul>   |
| Electric box guitar   | Voltage    | <ul style="list-style-type: none"><li>• XLR (0 V)</li></ul>  |
|   | Cable      | <ul style="list-style-type: none"><li>• Guitar cable</li></ul>   |
|   | Reminder   | <ul style="list-style-type: none"><li>• When recording, the guitar volume should not be too high. Too high volume might cause a distorted sound.</li></ul>   |

# 5 Playback

## Playback screen



- ① Equalizer
- ② Repeat mode
- ③ Microphone sensitivity
- ④ Current folder
- ⑤ Playback status
- ⑥ Audio progress bar
- ⑦ File name
- ⑧ File list of current folder
- ⑨ Recording type
- ⑩ Battery status
- ⑪ Number of current file
- ⑫ Total number of files in current folder
- ⑬ Audio time: Passed time and total time of current file
- ⑭ Bit rate
- ⑮ Menu
- ⑯ File details

## Play back files





### Note

- If you have connected headphones to your Voice Tracer, the built-in speakers are disabled.

### Select a file

- 1 In stop mode, press the Index button to select your desired folder.
- 2 Press the Fast rewind or the Fast forward button to scroll to your desired file.

Alternatively, press the Menu button  and use the Volume up or Volume down button to scroll to your desired file. Press the Menu button  to confirm your selection.

- 3 To start playback, press the Play/Pause button.  
↳ The Record/Play indicator illuminates green.
- 4 To adjust the volume, press the Volume up or Volume down button.

### Start and pause playback

- To start playback, press the Play/Pause button.  
↳ The Record/Play indicator illuminates green.
- To pause playback, press the Play/Pause button.
- To continue playback, press the Play/Pause button again.

### Fast rewind or fast forward

- Press and hold the Fast rewind or Fast forward button to the desired part of the recording.

### Stop playback


- Press the Stop button.

### Display file details

- In stop mode, press the Stop button.

## Playback speed


Set your desired playback speed if you want to play back your recording more slowly or faster.

- 1 In playback mode, press the Speed button on the right side of your device.
- 2 Use the Volume up or Volume down button to set your desired playback speed.
- 3 Press the Menu button  to confirm your selection.

## A-B replay mode


You can mark a sequence A-B in an existing recording to replay only this marked section.

### Mark an A-B sequence


- 1 In playback mode, press and hold the Menu button  until 'A-B' is displayed on the top of the screen.  
↳ 'A' starts flickering.
- 2 Press the Fast forward button to mark the beginning of the sequence ('A') to be replayed.  
↳ 'A' stops flickering.  
↳ 'B' starts flickering.
- 3 Press the Fast forward button again to mark the end of the sequence ('B') to be replayed.  
↳ 'B' stops flickering and the selected sequence is replayed several times.

### Stop A-B replay mode

If you want to stop the A-B replay mode, you can do one of the following:

- Press the Menu button  to stop the A-B replay mode and continue with the normal playback.
- Press the Play/Pause button to pause the playback. Press the Play/pause button again to continue with the normal playback.
- Press the Stop button to stop playback.

## Edit files

You can edit existing recordings in playback mode. To switch between the editing options Append, Insert, Divide, and Cut, press the Menu button  to select your desired editing option. The selected editing option is displayed. It replaces the File details icon on the screen.




### Note

- If you don't operate your device for eight seconds after selecting an editing option, the editing mode is deactivated. Press the Menu button again to reactivate the editing mode.
- In editing mode, you can't pause playback because the Play/Pause button is configured to confirm the selection of an editing option.


**Append:** Add additional recording parts at the end of an existing recording.

### To append recording parts:

- 1 In playback mode, press the Menu button  once to select **Append**.
- 2 Press the Play/Pause button to confirm your selection.  
↳ A new recording starts at the end of your current file.


**Insert:** Insert additional recording parts without overwriting an existing recording.

### To insert recording parts:

- 1 In playback mode, press the Menu button  twice to select **Insert**.
- 2 Press the Play/Pause button at the part of your current recording where you want to insert an additional recording part.  
↳ A new recording starts at the selected part of the existing recording.

**Divide:** Divide an existing recording into two files.

### To divide a recording into two files:

- 1 In playback mode, press the Menu button  three times to select **Divide**.
- 2 Press the Play/Pause button at the part of your current recording where you want your recording to be split.  
↳ The recording is divided into two files. Both files are saved to the folder of the original recording.

**Cut:** Cut out a part of an existing recording.

**To cut out a part of an existing recording:**

- 1 In playback mode, press the Menu button **≡** four times to select **Cut**.
- 2 Press the Focus button to mark the beginning of the part to be cut out.
- 3 Press the Play/Pause button to mark the end of the part to be cut out.
  - ↳ The marked sequence is removed from the existing recording.

---

## Delete files

You can delete individual files or all files stored in the selected folder.

- 1 In stop mode, press the Delete button on the right side of your device.
- 2 Use the Volume up or Volume down button to select if you only want to delete the current file or all files in the current folder.
- 3 Press the Menu button **≡** to confirm your selection.

---

## Lock files

Lock important recordings and prevent them from being accidentally deleted.

**To lock a file:**

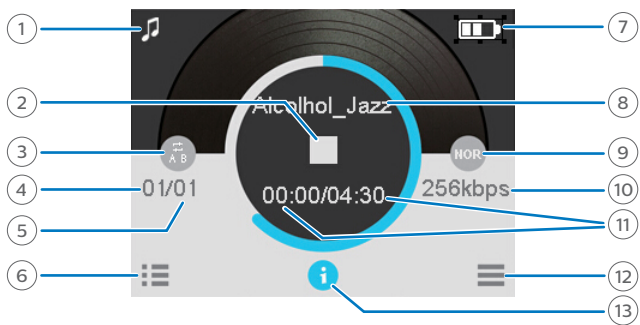
- 1 Select your desired file.
- 2 In stop mode, press the Focus button.
- 3 Press the Menu button to select **Protect the file**.
- 4 Press the Menu button to select **Lock**.
  - ↳ The selected file is locked and can't be deleted anymore.

**To unlock a file:**

- 1 Select your desired file.
- 2 In stop mode, press the Focus button.
- 3 Press the Menu button **≡** to select **Protect the file**.
- 4 Use the Volume down button to scroll to **Unlock**.
- 5 Press the Menu button **≡** to confirm your selection.
  - ↳ The selected file is unlocked and can be deleted again.

# 6 Music mode

## Music playback screen



- ① Music folder
- ② Playback status
- ③ Repeat mode
- ④ Number of current file
- ⑤ Total number of files
- ⑥ File list
- ⑦ Battery status
- ⑧ File name
- ⑨ Equalizer
- ⑩ Bit rate
- ⑪ Audio time: Passed time and total time of current file
- ⑫ Menu
- ⑬ File details

Your Voice Tracer is not only a high-quality audio recorder, but it is also perfect as a music player. Simply copy your favorite music from your computer to your Voice Tracer. Due to the built-in high-performance Wolfson audio decoder chip, you can listen to your music in highest audio quality. The device supports multiple playback formats, such as MP3, WMA, or WAV format. The user interface allows you a comfortable and intuitive music playback.

Find the detailed specifications in the table below:

|                                 |  |
|---------------------------------|--|
| Audio format                    | MP3, WMA, WAV, AAC, FLAC, APE, OGG, M4A      |
| Frequency range                 | 20-2000 Hz ( $\pm 0.1$ dB) (non-equilibrium) |
| SNR                             | 116 dB (non-equilibrium)                     |
| Resolution                      | (R) 95 dB, (L) 96 dB (non-equilibrium)       |
| THD (Total Harmonic Distortion) | 0.005% (non-equilibrium)                     |

## Playback mode

After you have copied your music files from your computer to the Music folder of your Voice Tracer, you can start listening to your music.

Note

- If you have connected headphones to your Voice Tracer, the built-in speakers are disabled.

### Start the music playback mode

You can start the music playback mode very quickly and easily.

#### To start the music playback mode:

- In stop mode of the general playback screen, press and hold the Index button.  
➔ You will switch to the music playback folder.

#### To exit the music playback mode and return to the general playback screen:

- In stop mode, press the Index button.





## Play back music files

### Start and pause playback

- Press the Play/Pause button.

### Select a track

- Press the Fast forward or Fast rewind button
- Alternatively:
  - 1 In stop mode, press the Menu button  and select your desired track by using the Volume up or Volume down button.
  - 2 Press the Menu button  to confirm your selection, and then press the Play/Pause button to start the music playback.

### Fast rewind or fast forward

- Press and hold the Fast rewind or Fast forward button to the desired part of the track.

### Stop playback


- Press the Stop button.

### Display file details

- In stop mode, press the Stop button.

## Playback speed


Set your desired playback speed if you want to play back your music file more slowly or faster.

- 1 In playback mode, press the Speed button on the right side of your device.
- 2 Use the Volume up or Volume down button to set your desired playback speed.
- 3 Press the Menu button  to confirm your selection.

## A-B replay mode


You can mark a sequence A-B in an existing recording to replay only this marked section.

### Mark an A-B sequence

- 1 In playback mode, press the Menu button  until 'A-B' is displayed on the top of the screen.
  - ↳ 'A' starts flickering.
- 2 Press the Fast forward button to mark the beginning of the sequence ('A') to be replayed.
  - ↳ 'A' stops flickering.
  - ↳ 'B' starts flickering.
- 3 Press the Fast forward button again to mark the end of the sequence ('B') to be replayed.
  - ↳ 'B' stops flickering and the selected sequence is replayed several times.

### Stop A-B replay mode

If you want to stop the A-B replay mode, you can do one of the following:

- Press the Menu button  to stop the A-B replay mode and continue with the normal playback.
- Press the Play/Pause button to pause the playback. Press the Play/pause button again to continue with the normal playback.
- Press the Stop button to stop playback.

---

## Add an index mark

Use one or more index marks to mark certain points in a music file as points of reference.





### Note

- Up to 10 index marks can be set per recording.



#### To add an index mark:

- In recording mode, press the Index button at the desired part of your recording.

#### To go to a particular index mark:

- 1 In playback mode, press and hold the Index button.
- 2 Use the Volume up or Volume down button to scroll to the option **Go to bookmark**.
- 3 Press the Menu button  to confirm your selection.
- 4 Use the Volume up or Volume down button to scroll to your desired index mark.
- 5 Press the Menu button  to confirm your selection.


#### To delete an index mark:

- 1 In playback mode, press and hold the Index button.
- 2 Use the Volume up or Volume down to scroll to the option **Delete bookmark**.
- 3 Press the Menu button  to confirm your selection.
- 4 Use the Volume up or Volume down button to scroll to your desired index mark.
- 5 Press the Menu button  to confirm your selection.

---

## Delete files

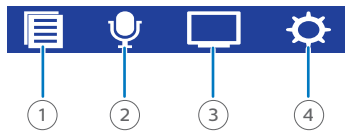
You can delete individual files or all files stored in the selected folder.

- 1 In stop mode, press the Delete button on the right side of your device.
- 2 Use the Volume up or Volume down button to select if you only want to delete the current file or all files in the current folder.
- 3 Press the Menu button  to confirm your selection.

# 7 Settings

## Settings mode


In the settings mode, you can change and adjust various settings according to your own preferences.



- ① File
- ② Record
- ③ Display
- ④ Device

### Start the settings mode

To open the settings overview:

- In the stop mode of the recording screen or music playback screen, press and hold the Menu button .

### Switch between settings menus

To switch between the settings menus File, Record, Display, Device:

- Use the Fast forward or Fast rewind button.

### Scroll through settings

To scroll through settings of each settings menu:

- Use the Volume up or Volume down button.

### Select a setting

To select a setting or confirm a selection:

- Press the Menu button .

### Exit the settings mode

To go one step back:

- Press the Stop button.

To exit the settings mode:

- Press the Stop button several times until the recording screen is displayed again.

## File



### Repeat

- Off:** Play back tracks in selected folder sequentially.
- Random:** Play back tracks in selected folder randomly.
- Folder:** Repeat tracks in a playlist.
- File:** Repeat the current track continuously.

When all tracks in the current folder have been played, the playback stops automatically.

### Equalizer

Turn the equalizer off or choose between the equalizer music options Rock, Pop, Soft, Jazz, Classical, or DBB (Dynamic Bass Boost).

## Record



### Mic sensitivity

Adjust the microphone sensitivity of your Voice Tracer. Select the sensitivity according to the background noise, number of recorded sound sources and distance between sound source and microphones.

**High:** Supports up to 24 bit/96 kHz PCM recording with higher power consumption.

**Medium:** Supports up to 16 bit/48 kHz PCM recording with lower power consumption.

**Low:** Supports up to 8 bit/24 kHz PCM recording with low battery consumption.

### Input source

Choose between various input sources to guarantee the best recording quality for specific recording situations. For more information, see [Multichannel recording](#).

**Stereo mic (L/R):** Use the left and right built-in microphone to record.

**Line-in:** Use external microphones to record.

**XLR:** Use an XLR channel to record.

**Center mic:** Use the middle built-in microphone to record.

**XLR + Stereo mic (L/R):** Use an XLR channel and the left and right built-in microphone to record.

**Center mic + Stereo mic (L/R):** Use the left, right and middle built-in microphone to record.

**Line-in + Center mic:** Use an external microphone and the middle built-in microphone to record.

**Line-in + XLR:** Use an external microphone and an XLR channel to record.

## Quality

You can set the bit rate for each recording according to your own preferences.

## Timer

Use the timer function to automatically start recording on a preset date and at a preset time. You can also select when the recording should stop.

## Voice activation

Use voice activation to start recording when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence. It will resume only when you begin speaking again. For more information, see [Voice-activated recording](#).

## Auto divide

During recording, the auto divide feature automatically splits the current recording and saves a new file every 30 or 60 minutes.

## Display



## Language

Select your desired device language from the language list. You can change the language whenever you want.

## Backlit

To save your Voice Tracer's battery power, you can reduce the backlight time. If you don't operate your device for the preset time, the backlight turns off automatically. If you select the backlight to be on, the backlight remains on all the time.

## Device



## Date/time

You can always change the date and time as well as the time format on your device.

Use the Volume up or Volume down button to select the time format. Use the Volume up, Volume down, Fast forward, and Fast rewind button to set the date and time.

## Auto off

Select a time for your device to automatically turn off when you don't operate it. If you set the time to 0, the device won't automatically turn off.

## Format device

Use this function to format your device's internal storage and delete all data. For more information, see [Reset data](#).



### Caution

- Formatting your Voice Tracer will delete all data on your device. Before you perform a data reset, back up any important data saved on your device.



### Note

- Your menu settings won't be deleted and are still available after resetting the data.

## Record light

If you turn on the record light, the Record/Play indicator will illuminate red when recording.

## Device sounds

Select if you want the device sounds to be on or off whenever you press a button.

## Memory select

Select if you want to use the internal memory or an external microSD card for your recordings.

## Information

See various information about your device, such as the available memory space, information about the external microSD card, or the firmware version.

## Reset to default

You can reset your menu settings to their default state—the way they were when you first purchased your device and turned it on. For more information, see [Reset settings](#).



### Caution

- Resetting your menu settings will delete all settings you have made on your device. After a reset, you will have to adjust all settings again.



### Note

- Your data won't be deleted and is still available after resetting the menu settings.

## 8 Device and data management

### Transfer data to and from the computer

Move your files from the device to the computer, or vice versa.



#### Caution

- Don't disconnect the USB cable from the device while you are transferring files. This might cause data loss.



#### Note

- For reasons of data security, the operation of the device is disabled while the device is connected to the computer.

#### Transfer data from Voice Tracer to the computer

- 1 Connect the device to the computer via micro USB cable.
  - ↳ A charging battery icon appears on the screen and an orange indicator light illuminates, indicating that the device is recharging.



- 2 Open Windows Explorer on a Windows computer, or open Finder on a Mac computer.
  - ↳ Voice Tracer is recognized as an external drive.
- 3 Double-click the Voice Tracer drive.
  - ↳ The content of your Voice Tracer is displayed in a new window.
- 4 Select the desired files in the Voice Tracer window and copy, cut or drag them to the desired location on your computer.

#### Transfer data from the computer to Voice Tracer

- 1 Proceed as described in steps 1–3 of the chapter [Transfer data from Voice Tracer to the computer](#).
- 2 Select the desired files on your computer and copy, cut or drag them to the desired location on your Voice Tracer.

## Reset your data and settings

### Reset data

You can format your device's internal storage and delete all data from your device.



#### Caution



- Formatting your Voice Tracer will delete all data on your device. Before you perform a data reset, back up any important data saved on your device.



#### Note

- Your menu settings won't be deleted and are still available after resetting the data.

#### To reset your data:

- 1 In stop mode of the recording screen, press the Menu button  to open the settings screen.
- 2 Use the Fast forward or Fast rewind button to switch to the **Device** menu.
- 3 Use the Volume up or Volume down button to scroll to the **Format device** setting. Press the Menu button  to confirm your selection.
- 4 Select **Yes**.
  - ↳ All data on your device is deleted.

### Reset settings

You can reset your menu settings to their default state—the way they were when you first purchased your device and turned it on.



#### Caution



- Resetting your menu settings will delete all settings you have made on your device. After a reset, you will have to adjust all settings again.



#### Note

- Your data won't be deleted and is still available after resetting the menu settings.

#### To reset your settings:

- 1 In stop mode of the recording screen, press the Menu button  to open the settings screen.
- 2 Use the Fast forward or Fast rewind button to switch to the **Device** menu.
- 3 Use the Volume up or Volume down button to scroll to the **Reset to default** setting. Press the Menu button  to confirm your selection.
- 4 Select **Yes**.
  - ↳ All settings on your device are reset to their default state.

---

## Updating your device

Your device is controlled by an internal program called firmware. As a part of ongoing product maintenance, the firmware is upgraded and errors are corrected.

To get a firmware update, contact the supporting Philips partner you purchased your device from.

## 9 Service and support




---

Don't perform any maintenance operations that aren't described in this user manual. Don't disassemble the device into its component parts to carry out repairs. The device may only be repaired in authorized service centers.

---

### Display device information

See various information about your device, such as the available memory space, information about the external microSD card, or the firmware version.

- 1 In stop mode of the recording screen, press the Menu button  to open the settings screen.
- 2 Use the Fast forward or Fast rewind button to switch to the **Device** menu.
- 3 Use the Volume up or Volume down button to scroll to the **Information** setting. Press the Menu button  to confirm your selection.
- 4 Use the Volume up or Volume down button to scroll to the information you would like to see. Press the Menu button  to confirm your selection.

---

### Contact our supporting Philips partners

If you have any questions about your Voice Tracer or experience technical issues, contact one of our supporting Philips partners. The local partner you purchased your Voice Tracer from will strive to answer your questions and to solve your problem as soon as possible.

## Troubleshooting

Find the most common problems you could encounter with your Voice Tracer in the following table. If you are unable to solve the problem with the information below, contact the supporting Philips partner you purchased your device from.

| Problem  | Possible cause   | Solution  |
|--|--|---|
| The device doesn't turn on.                        | <ul style="list-style-type: none"><li>• The battery has run out of power.</li></ul>  | <ul style="list-style-type: none"><li>• Charge the device for a while and then turn it on again.</li></ul>  |
| I can't record with the device.                    | <ul style="list-style-type: none"><li>• You have reached the maximum file number or the device's memory is full.</li><li>• The device is in lock mode.</li></ul>   | <ul style="list-style-type: none"><li>• Delete some files or move them to an external device.</li><li>• Slide the Lock switch to the 'Off' position.</li></ul>  |
| The device doesn't respond.                        | <ul style="list-style-type: none"><li>• There is a problem with the software.</li></ul>  | <ul style="list-style-type: none"><li>• Try to turn the device off and then restart it.</li><li>• If you can't turn the device off or if turning the device off doesn't solve the problem, perform a data reset. For more information, see <a href="#">Reset data</a>.</li></ul>  |
| The device doesn't play back recordings.           | <ul style="list-style-type: none"><li>• The volume is off or too low.</li><li>• The device is in lock mode.</li></ul>  | <ul style="list-style-type: none"><li>• Turn on or turn up the volume.</li><li>• Slide the Lock switch to the unlock position.</li></ul>  |
| I can't hear anything from the speakers.           | <ul style="list-style-type: none"><li>• The headphones are connected to the device.</li><li>• The volume is off or too low.</li></ul>  | <ul style="list-style-type: none"><li>• Unplug the headphones.</li><li>• Turn on or turn up the volume.</li></ul>   |
| The recording quality is poor.                     | <ul style="list-style-type: none"><li>• The microphone sensitivity is set too high.</li><li>• The voltage is set too high.</li><li>• The recording volume is set too high.</li><li>• You recorded a dictation with an external microphone and connected it to the wrong jack (i.e. headphones jack).</li></ul> | <ul style="list-style-type: none"><li>• Change the microphone sensitivity to medium or low. For more information, see <a href="#">Mic sensitivity</a>.</li><li>• Set the voltage to 0 V.</li><li>• Reduce the recording volume on the device by using the microphone gain control.</li><li>• Disconnect the external microphone and connect it to the microphone jack on your Voice Tracer.</li></ul> |
| There's too much background noise in my recording. | <ul style="list-style-type: none"><li>• The microphone sensitivity is set too high.</li></ul>  | <ul style="list-style-type: none"><li>• Change the microphone sensitivity to medium or low. For more information, see <a href="#">Mic sensitivity</a>.</li></ul>  |



| Problem  | Possible cause  | Solution   |
|--|---|--|
| I can't hear anything from the headphones.                     | <ul style="list-style-type: none"> <li>• The volume is off or too low.</li> <li>• The headphones aren't connected properly.</li> <li>• The headphones are connected to the wrong jack (i.e. external microphone jack).</li> </ul> | <ul style="list-style-type: none"> <li>• Turn on or turn up the volume.</li> <li>• Disconnect the headphones and connect them to the headphones jack again.</li> <li>• Disconnect the headphones and connect them to the headphones jack.</li> </ul> |
| An external microphone connected to Voice Tracer doesn't work. | <ul style="list-style-type: none"> <li>• The external microphone is connected to the wrong jack (headphones jack).</li> </ul>   | <ul style="list-style-type: none"> <li>• Disconnect the external microphone and connect it to the microphone jack on Voice Tracer.</li> </ul>  |

# 10 Technical data

---

## Specifications

---

- Product dimensions (W × D × H): 125 × 64.5 × 22 mm
- Weight: 166 g

## Connectivity

---

- Headphones: Stereo jack, 3.5 mm
- Microphone: Stereo jack, 3.5 mm
- USB: micro USB 2.0

## Memory

---

- Internal storage: NAND Flash, 16 GB
- Memory card (external): microSD card up to 64 GB

## Audio

---

- Recording format:
  - PCM:
    - 24 bit/96 kHz, bit rate: 4608 kbps
    - 16 bit/96 kHz, bit rate: 3072 kbps
    - 16 bit/48 kHz, bit rate: 1536 kbps
    - 16 bit/32 kHz, bit rate: 1024 kbps
  - MP3:
    - 16 bit/32 kHz, bit rate: 192 kbps
    - 16 bit/32 kHz, bit rate: 128 kbps
- Playback format: MP3, WMA, WAV, AAC, FLAC, APE, OGG, M4A
- Recording time internal storage:
  - 8 hours (PCM, 24 bit/96 kHz mode)
  - 34 hours (PCM, 16 bit/32 kHz mode)
  - 180 hours (MP3, 192 kbps mode)
  - 272 hours (MP3, 128 kbps mode)
- Recording time with memory card (64 GB): 1088 hours (only MP3 128 kbps possible)

## Power

---

- Battery type: built-in rechargeable Li-polymer battery
- Battery capacity: 1300 mAh
- Battery lifetime: up to 30 hours of recording (MP3 128 kbps mode)
- Charging time (full charge): 2–3 hours

## Green specifications

---

- Compliant to 2011/65/EU (RoHS)

## Operation conditions

---

- Temperature: 5°–45°C
- Humidity: 10% – 90%, no condensation

## System requirements

---

- Operating System: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP, Mac OS X 10.7, OS X 10.8
- Port: USB

---

## FCC Warning Statement



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

---

## CE Declaration of Conformity



The conformity with the relevant EU directives is confirmed by the CE mark.

### Declaration of conformity

Speech Processing Solutions GmbH hereby declares that the devices SpeechAir PSP1000 series fully comply with the basic requirements and other relevant provisions of directives 2006/95/EC, 2004/108/EC and 2009/125/EC. A complete declaration of conformity for this product is available at [www.philips.com/dictation](http://www.philips.com/dictation).

Neither Speech Processing Solutions GmbH nor its affiliates shall be liable to the purchaser of this product or third parties with respect to claims for damages, losses, costs or expenses incurred by purchaser or third parties as a result of an accident, misuse or abuse of this product or unauthorized modifications, repair, modification of the product or failure to meet the operating and maintenance instructions provided by the manufacturer.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson Licensing.

This user manual is a document with no contractual nature. We accept no liability for changes, mistakes or printing errors.





Issue date 2016-07-18  
Version 1.0

© 2016 Speech Processing Solutions GmbH. All rights reserved.

Specifications are subject to change without notice. Philips and the Philips shield emblem are registered trademarks of Koninklijke Philips N.V. and are used by Speech Processing Solutions GmbH under license from Koninklijke Philips N.V. All trademarks are the property of their respective owners.

[www.philips.com/dictation](http://www.philips.com/dictation)