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VOICE TRACER

DVT1000

DVT1500

DVT3000

DVT3100

DVT3500

DVT5000

DVT5500

DVT7000

EN **User manual**

PHILIPS

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1 Important safety information

Do not make any adjustments and modifications that are not 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.

1.1 Safety instructions

- Protect the device from rain or water to prevent a short circuit.
- Do not 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 cannot be held responsible for any loss of data.
- Do not perform any maintenance operations that are not described in this user manual. Do not disassemble the device into its component parts to carry out repairs. The device may only be repaired in authorised service centres.

1.1.1 Batteries and rechargeable batteries

- Only use AAA type batteries or rechargeable batteries for the device and CR2025 type for the remote control (DVT5500, DVT7000).
- DVT1000, DVT1500: Never try to recharge the batteries.
- DVT3000 – DVT7000: Instead of rechargeable batteries, you can use AAA type batteries. The LFH9154 Philips rechargeable batteries can be charged in the device. Connect the device to a computer or use an external battery charger.
- Fully charge the rechargeable batteries before first use. A full recharge cycle takes about 2.5 hours when the device is connected to a computer.
- Remove batteries or rechargeable batteries from the device if it will not be used for an extended period of time. The device can be damaged by leaking batteries or rechargeable batteries.
- Do not remove batteries or rechargeable batteries from the device while it is recording. If you do this, data may be damaged or lost. Device malfunctions may also occur.
- Batteries and rechargeable batteries contain substances that may pollute the environment. Used batteries and rechargeable batteries should be disposed of at an official collection point.

1.1.2 Memory cards

- The device supports microSD memory cards up to 32 GB in capacity.
- Make sure that the card has a sufficiently high data transfer rate. The manufacturer makes no guarantee for trouble free operation.
- Formatting a memory card erases all data on the card. The memory card must always be formatted in the device to ensure that the format is correct. Formatting the memory card using a computer can lead to eventual errors when reading or writing data.

1.1.3 Hearing protection

Observe the following guidelines when using headphones:

- Set the volume to a moderate level and do not use headphones to listen for excessively long periods of time.
- Be particularly careful to avoid adjusting the volume to a level that your hearing cannot deal with.
- Do not turn the volume up so high that you cannot hear what is going on around you.
- In potentially dangerous situations you must be very careful, or temporarily discontinue use.
- Do not use headphones while operating a motorised vehicle, cycling, or skateboarding, etc. You could be a hazard to yourself and other road users, and possibly be breaking the law.

1.1.4 Maximum sound power

- The manufacturer guarantees compliance with the maximum sound power of its audio players as determined by relevant regulatory bodies, but only with the original model of headphones supplied. If you need to replace these headphones, we recommend contacting your dealer to order the respective original Philips model.

1.1.5 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 the third parties if you record talks or lectures.
- Please note that, 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, or that the recording of telephone conversations is illegal. Please check if the use of such data is legal in your country prior to recording telephone calls.

2 About this user manual

You can find a quick overview of your device in the following pages. For detailed description, see the following chapters of this user manual. Read this user manual carefully.

2.1 Model-specific features and diagrams

This user manual describes a number of models of the device product range. Please note that some features are only available on certain models.

2.2 Symbols used

Tip

- This symbol identifies information that helps you to use your device more efficiently and simply.

Note

- This symbol indicates notices which you must 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.

Warning

- This symbol warns of danger to persons. Bodily injury or damage could be caused by improper handling.

3 Digital Voice Tracer

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 much more: www.philips.com/welcome.

3.1 Product highlights

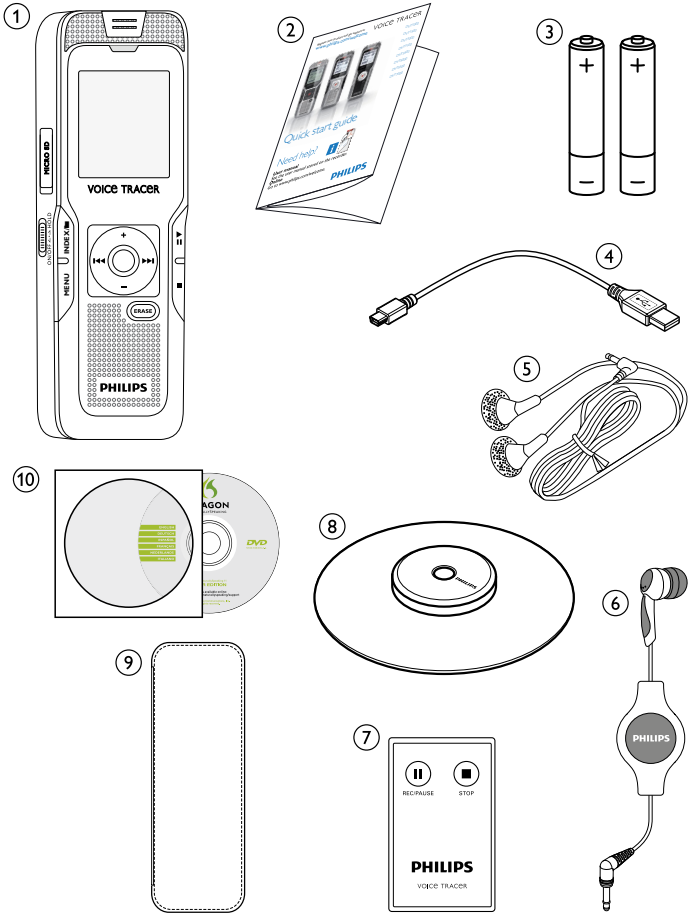
- Stereo recording in MP3 format for excellent sound quality
- Zoom microphone feature for recording at distances of up to 15 metres / 50 feet
- ClearVoice for clear and natural reproduction of speech
- Voice-activated recording mode without pressing buttons (hands-free operation)
- Pre-recording feature, to avoid missing a single word
- Recording and power supply via a USB port for unlimited recordings
- Slot for microSD card for extra storage
- Highlight important parts of your recording using index marks
- Calendar search to find all recordings quickly

3.2 What's in the box

① Device
② Quick-start guide
③ DVT1000, DVT1500: Two batteries (AAA)
DVT3000 – DVT7000: Two rechargeable batteries (AAA)
④ USB cable to connect to a computer
⑤ DVT3000 – DVT7000: Stereo headphones
⑥ DVT3500: Phone pick-up microphone for recording phone calls
⑦ DVT5500, DVT7000: Remote control (battery inserted)
⑧ DVT7000: Meeting microphone
⑨ DVT3500 – DVT7000: Case
⑩ DVT1500: DVD with speech recognition software

Note

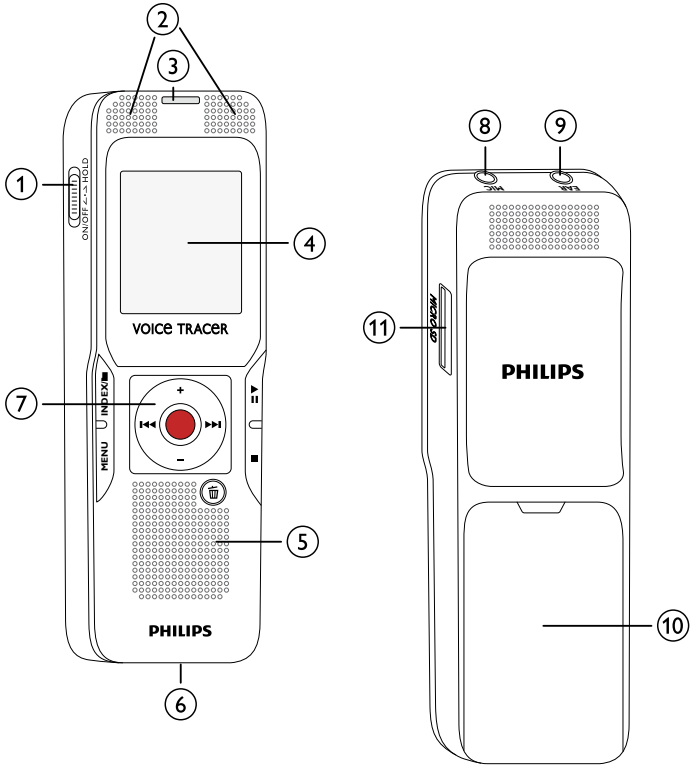
- Please note that some individual components may not be included in delivery with your model. If any item is missing or damaged, please contact your distributor.



3.3 Product overviews

3.3.1 Front and rear sides (DVT1000, DVT1500)

1. Power on/off key, keypad lock
2. Microphone
3. Status LED:
   Red – device is recording
   Green – device is playing back
   Yellow – data is being transferred to/from the computer
4. Display
5. Speaker
6. Micro USB connection for the computer (not shown)
7. Operating panel with keys
8. External microphone socket (stereo jack plug, 3.5mm)
9. Headphone socket (stereo jack plug, 3.5mm)
10. Battery compartment
11. Slot for memory card (microSD card)



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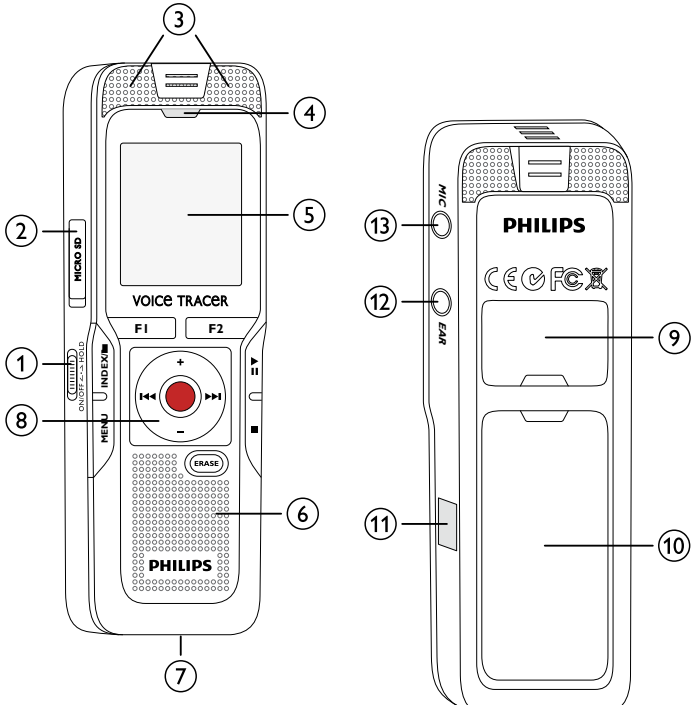
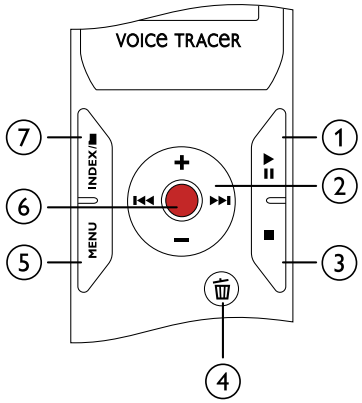
3.3.2 Front and rear sides (DVT3000 – DVT7000)

1. Power on/off key, keypad lock
2. Slot for memory card (microSD card)
3. Microphone
4. Status LED:
   Red – device is recording
   Green – device is playing back
   Yellow – data is being transferred to/from the computer
5. Display
6. Speaker
7. Micro USB connection for the computer (not shown)
8. Operating panel with keys
9. Fold-out stand
10. Battery compartment
11. DVT5500, DVT7000: Infra-red remote control signal sensor window
12. Headphone socket (stereo jack plug, 3.5mm)
13. External microphone socket, line-in socket (stereo jack plug, 3.5mm)

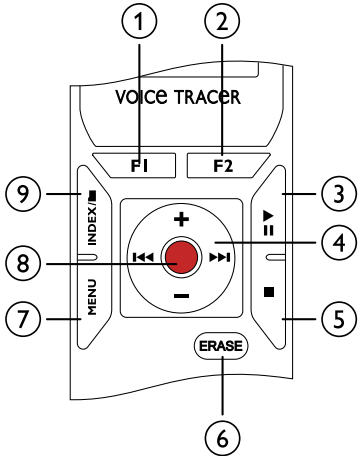


3.3.3 Keys (DVT1000, DVT1500)

① ▶II Short press: record playback (playback key), playback pause (pause key)
Long press: set the playback speed
② + Volume up, menu navigation: select menu functions
▶▶I Short press: jump to the next index mark, jump to the next recording
Menu navigation: display next menu tab
Press and hold: fast seek forward mode
– Volume down, menu navigation: select menu functions
I◀◀ Short press: jump to the previous index mark, jump to the previous recording
Menu navigation: display previous menu tab
Press and hold: fast seek rewind mode
③ ■ Stop playback (stop key), close menu
④ 🗑 Delete recording (delete key)
⑤ Short press: call up menu functions (**MENU** key)
⑥ ● Start recording (record key), confirm selection
⑦ Stop mode: change folder, recording: set index mark (**INDEX/**■ key)



3.3.4 Keys (DVT3000 – DVT7000)



① DVT5000 – DVT7000: Soft function key **F1**

② DVT5000 – DVT7000: Soft function key **F2**
The function of the soft function keys depends on the operating condition; the assigned function is shown on the display

③ ▶II Short press: record playback (playback key), playback pause (pause key)
Long press: set the playback speed

④ + Volume up, menu navigation: select menu functions
▶▶I Short press: jump to the next index mark, jump to the next recording
Menu navigation: call next menu register
Press and hold: fast seek forward mode
– Volume down, menu navigation: Select menu functions
I◀◀ Short press: jump to the previous index mark, jump to the previous recording
Menu navigation: display next menu tab
Press and hold: fast seek rewind mode

⑤ ■ Stop Playback (stop key), close Menu

⑥ **ERASE**: Erase recording (Erase key)

⑦ Short press: call up menu functions (**MENU** key)

⑧ ● Start recording (record key), confirm selection

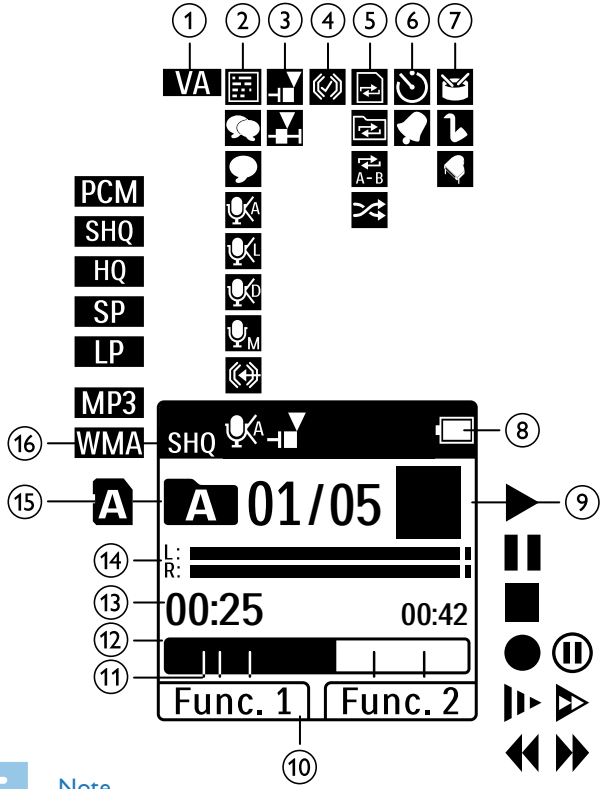
⑨ Stop mode: change folder, recording: set index mark (**INDEX/■** key)

3.3.5 Remote control (DVT5500, DVT7000)

① Start recording (record key), pause recording (pause key)
② Stop recording (stop key)
③ Battery compartment (not shown)

3.4 Start-up screen

① VA Voice activation on
② Microphone sensitivity: – Dictation, – Conversation, – Voice recognition, – Auto zoom function, – Zoom function: Lecture, – Zoom function: long distance, – Manual microphone sensitivity, – Line-in source
③ Editing mode set: – Add recording, – Overwrite recording
④ ClearVoice turned on (for better playback quality)
⑤ Set repeat mode / continuous loop: – Repeat file playback, – Repeat folder playback, – Repeat selection/sequence, – Random repeat mode
⑥ – Timer on, – Alarm on
⑦ Equalizer mode set (for music playback): – Pop, – Jazz, – Classical
⑧ Battery charge level
⑨ ■ Playback: ▶ – Normal, ❚❚ – Pause, ■ – Stop, – Slow, – Fast, ● – Recording – Recording paused, – Search
⑩ DVT5000 – DVT7000: Function of the soft function keys
⑪ Recording index markers set
⑫ Position indicator of current playback/recording
⑬ Playback/recording duration, total time of recording
⑭ Playback/recording level of the right and left channels
⑮ Selected folder, depending on the selected storage medium (A – internal memory, A – microSD card) / number of the current recording / total number of recordings in the folder
⑯ Set recording quality: PCM – PCM, SHQ – SHQ, HQ – HQ, SP – SP, LP – LP, MP3 – MP3 (music playback), WMA – WMA (music playback)



Note

- The position of the symbols may vary, depending on the model, the mode and the selected functions.

3.4.1 Menu overview

Note

- The symbol of the selected menu tab is highlighted in black.

① **Folder and file menu:**

Using calendar search to find the required file (DVT3000 – DVT7000)
Split a recording
Repeat a file / repeat a sequence

② **Recording settings:**

Record settings
Set microphone sensitivity
Set recording quality
Enable/disable wind filter (DVT3000 – DVT7000)
Enable/disable noise reduction (DVT3000 – DVT7000)
Setting editing mode
Enable/disable quiet recording (DVT3000 – DVT7000)
Enable/disable pre-recording function (DVT3000 – DVT7000)
Setting the timer
Enable/disable voice-activated recording
Set auto divide
Selecting an external sound source

③ **Display settings:**

Select language
Adjusting the display contrast
Enable/disable the back lighting (DVT3000 – DVT7000)

④ **Device settings:**

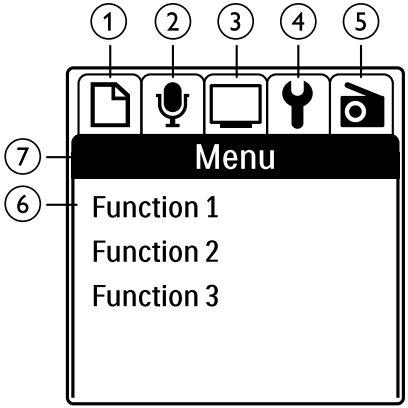
Set date & time
Enable/disable ClearVoice
Equalizer settings (DVT3000 – DVT7000)
AUTO-OFF
Alarm clock
Memory formatting
Enable/disable the record indicator
Enable/disable key and signal tones
Set file location
Display device information

⑤ **Radio settings:**

Radio mode
Pre-set radio station
Set output devices for radio playback

⑥ List of available menu functions

⑦ Title of the selected menu tab



4 First steps

Use the installation guide on the following pages to start using your device quickly and easily.

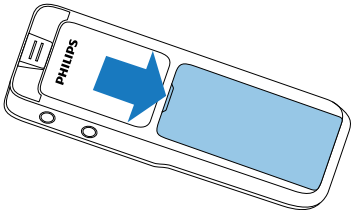
Caution

- Follow the instructions on handling the device, especially the batteries and rechargeable batteries (see also chapter 1.1.1 Batteries and rechargeable batteries, page 5).

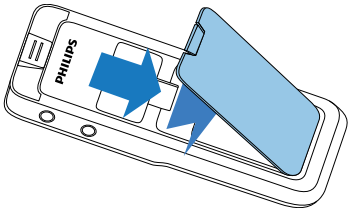
4.1 Inserting the batteries

The device comes with two AAA-type batteries (DVT1000, DVT1500) or two AAA-type rechargeable batteries (DVT3000 – DVT7000).

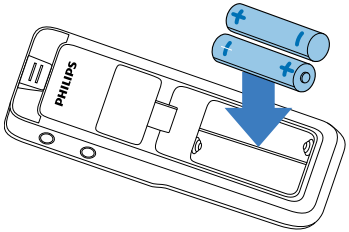
1 DVT1000, DVT1500: Slide the battery compartment cover downwards.



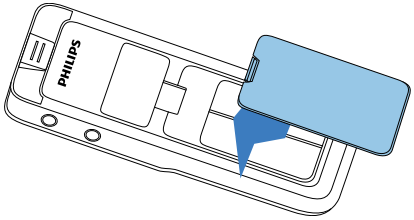
2 DVT3000 – DVT7000: Open the battery compartment cover on the rear of the device by opening the lock and removing the cover.



3 Insert the batteries or rechargeable batteries as shown into the device. Make sure the polarity is correct.



4 Close the battery compartment cover.



4.2 Charging the rechargeable batteries in the device

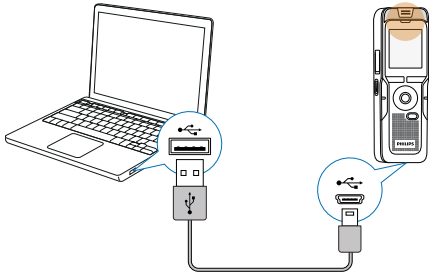
DVT3000 – DVT7000

Note

- The LFH9154 Philips rechargeable batteries can be charged in the device. Connect the device to a computer or use an external charger.
- Fully charge the rechargeable batteries before first use.
- A complete charging cycle takes about 2.5 hours. The computer must be turned on when charging the batteries. If the USB port of the computer does not supply enough power, use an external battery charger.

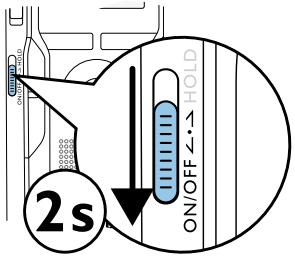
1 Plug the USB connector into a USB port on your computer.

2 Insert the micro USB plug into the USB port on the bottom of the device.



4.3 Power on/off

1 Slide the on/off switch on the side of the device downwards for approximately two seconds.
↳ The device turns on and the start-up screen is displayed.



2 To power off, pull down the power switch on the side of the device again and hold for about two seconds.

Note

- The device switches itself off automatically if no key is pressed within a pre-set period of time (see also chapter 9.3.4 AUTO-OFF, page 51).

4.4 Initial installation process

The initial installation process starts when first using the device or possibly if there has been a long interruption to the power supply. The date and time entered are saved with each recording as the recording time.

4.4.1 Select language

1 Use the +/– keys to select the display language you want.

2 Press the record key, ●, to confirm.

Note

- Your language might not be available. Select an alternative one.

4.4.2 Set date & time

1 Press +/– to set the year.

2 Press ▶▶I.

3 Press +/– to set the month.

4 Press ▶▶I.

5 Press +/– to set the day.

6 Press ▶▶I.

7 Press +/– to switch between the 12/24-hour system.

8 Press ▶▶I.

9 Press +/– to set the hours.

10 Press ▶▶I.

11 Press +/– to set the minutes.

12 Press the record key, ●, to confirm.

Tip

- You can change the language, date and time at any time using the settings menu (see also chapter 9.2.1 Select language, page 48) (see also chapter 9.3.1 Set date & time, page 49).

4.5 Show recording and device information

1 Press the stop key in the stop mode (start-up screen) ■.

① The display shows the properties of the selected recording: Symbol for the storage location, recording date and time, recording quality, recording length, and file size in megabytes.

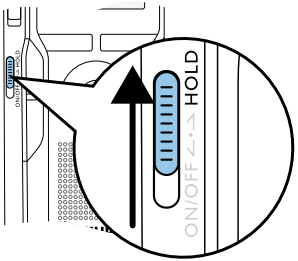
② The display shows general device-related data: Date and time, remaining recording time in the selected memory, firmware version of the device.

2 Press the stop key ■ to return to the stop mode.

4.6 Enable/disable the keypad lock

The keypad lock deactivates all keys on the device. The timer function of the device continues to function.

1 Slide the HOLD switch up into the **HOLD** position to lock the keypad of the device.
↳ The display briefly shows 'On Hold' and turns off.



2 Slide the HOLD switch down to the Off position to disengage the keypad lock.
↳ The display briefly shows 'Off Hold' and turns off.

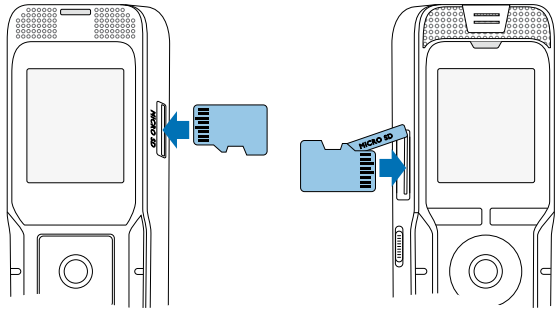
4.7 Insert microSD card

Caution

- Do not remove the memory card while recording is in progress. If you do this, data may be damaged or lost.

1 DVT3000 – DVT7000: Flip the memory card slot cover to the side.

2 Insert the microSD card into the card slot with the contacts facing upwards.



3 Insert the memory card until it snaps into place.

4 To remove the card press the memory card slightly until the snapping mechanism unlocks and the card is ejected.

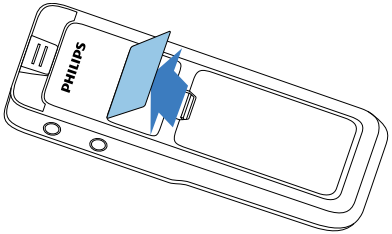
Note

- To ensure that the device stores the recordings on the memory card, you must switch from the internal memory to microSD memory card (see also chapter 9.1.1 Set file location, page 40). The display shows a folder icon which indicates where the recordings are currently being stored: A, B, C, D, ♫ – internal memory, A, B, C, D, ♫ – memory card.

4.8 Pull out the stand (DVT3000 – DVT7000)

Use the stand on the rear side of the device when you stand it on a table, for example to record a meeting. This way you can get the most of the microphone on the rear side of the device.

1 Pull out the stand on the back of the unit.

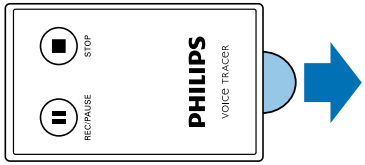


2 Place the unit on a flat surface, such as a table.

4.9 Using the remote control (DVT5500, DVT7000)

The battery is already inserted in the remote control. It is protected by a plastic strip to ensure that no power is consumed during transportation.

1 Pull out the plastic strip from the battery compartment on the bottom of the remote control.

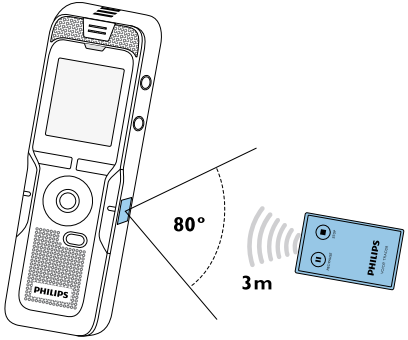


4.10 How to use the remote control

Note

- Replace the battery when the remote control stops working (see also chapter 10.3 Replacing the remote control battery (DVT5500, DVT7000), page 54).
- Remove the battery from the remote control if it will be stored unused for an extended period of time.
- Used batteries and rechargeable batteries should be disposed of at an official collection point.

Point the remote control at the receiver on the side of the device. The angle of the device should not exceed 80 degrees; the distance should not exceed three meters. Make sure there are no objects located between the remote control and the device.



4.11 Accessories

Depending on the type of the device, the product package may include various accessories. Additional accessories may be obtained directly from your retailer.

4.11.1 How to connect headphones

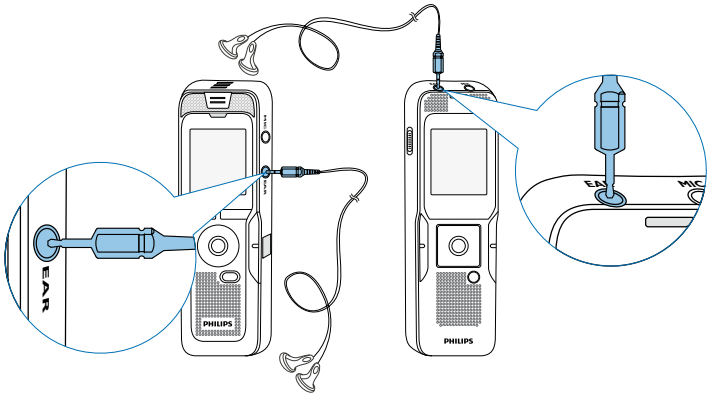
Scope of delivery: DVT3000 – DVT7000

Warning

- Set the volume to a moderate level and do not use headphones to listen for excessively long periods of time. Exposure to intense sound can cause hearing damage. Observe the Hearing safety instructions (see also chapter 1.1.3 Hearing protection, page 6).

1 Turn down the volume of the device before you plug in the headphones.

2 Insert the plug into the **EAR** headphone output on the top (DVT1000, DVT1500) or the side (DVT3000 – DVT7000) of the device.



3 Turn up the volume until you reach a comfortable listening level. The speaker is switched off when headphones are connected.

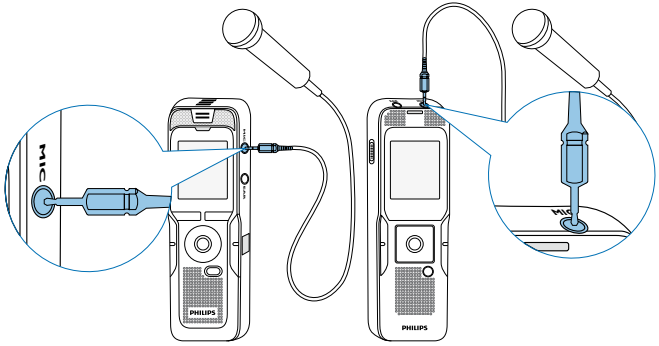
4.11.2 Connecting an external microphone

Note

- If you connect an external microphone to the device, the recording source will switch automatically and the device microphone will turn off.

1 Stop the recording currently in progress.

2 Insert the plug into the **MIC** microphone output on the top (DVT1000, DVT1500) or the side (DVT3000 – DVT7000) of the device.



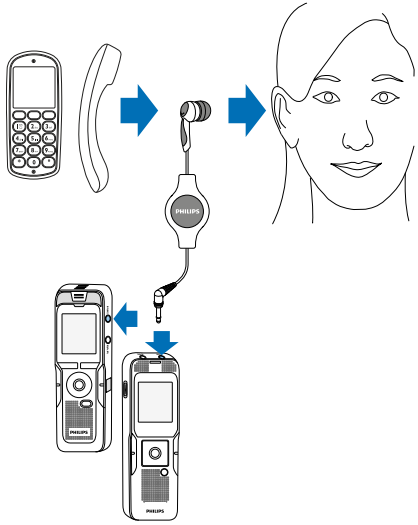
4.11.3 How to use the phone pick-up microphone

Scope of delivery: DVT3500

Caution

- Recording of phone calls is subject to the legal restrictions applicable in your country. Please check if the use of such data is legal in your country prior to recording telephone calls.

The phone pick-up microphone is used to record phone calls.



1 Stop the recording currently in progress.

2 Insert the plug into the **MIC** microphone output on the top (DVT1000, DVT1500) or the side (DVT3000 – DVT7000) of the device.

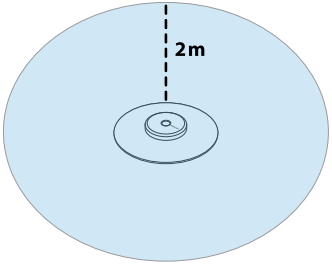
3 Put the microphone earpiece into your ear.

4 Start recording.

5 Call from any mobile or landline. Hold your mobile or the phone receiver close to the microphone.

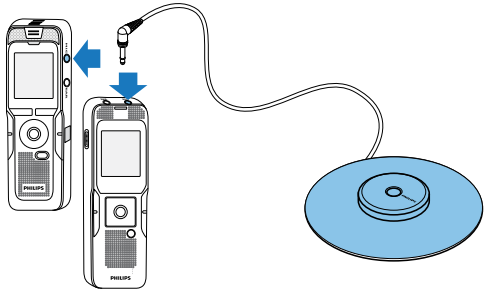
4.11.4 How to use the meeting microphone

Scope of delivery: DVT7000
The meeting microphone can be used during a meeting or a multi-participant conference. For optimum sound quality, the participants should not be more than two meters away from the microphone.



1 Stop the recording currently in progress.

2 Insert the plug into the **MIC** microphone output on the top (DVT1000, DVT1500) or the side (DVT3000 – DVT7000) of the device.



3 Switch the external source settings to mono microphone (see also chapter 9.1.14 Selecting an external sound source, page 47).

4 Start recording.

Tip

- If a recording is to be made in larger rooms or at meetings with a larger number of participants, the recording range may be extended by connecting up to a maximum of three meeting microphones.

4.12 Connecting to a computer

You can select one of the following options once you have connected the device to a computer

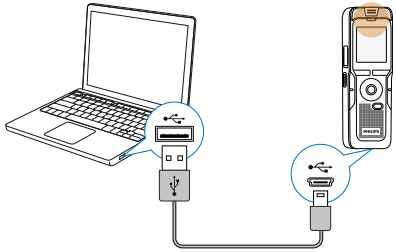
- **A USB mass storage device:** You can use the File Explorer to access the device data without installing additional software. The device is automatically displayed as a removable drive. It is a convenient way to store, back up and and move files. (see also chapter 4.12.1 Transferring files from or to the device, page 26).
- **Power supply via USB:** Record while powered through USB without draining the battery. You can record until the memory is full.

Tip

- When the device is connected to the computer, press and hold the Record key ● to start recording.

1 Plug the USB connector into a USB port on your computer.

2 Insert the micro USB plug into the USB port on the bottom of the device.
↳ The device is displayed as a mass storage device in File Explorer.



Caution

- Do not disconnect the device from the computer while files are transferred from or to the device (the status LED indicator flashes yellow when data is being transferred). This this may damage or corrupt the files.
- Do not format the drive of the device on a computer. If you want to delete all data, use the Format memory function (see also chapter 10.1.2 Memory formatting, page 53).

4.12.1 Transferring files from or to the device

You can use the File Explorer to access the device data to installing additional software. The device is automatically displayed as a removable drive.

1 Connect the device to the computer as described.

2 Open File Explorer.
↳ The device will be displayed as a mass storage device named **PHILIPS**. Use the **Voice** folder for recordings and the **Music** folder for music files.

3 Copy or move files to your computer or delete files to archive recordings and free up space on the device.

Caution

- Do not disconnect the device from the computer while files are transferred from or to the device (the status LED indicator flashes yellow when data is being transferred). This this may damage or corrupt the files.
- Do not format the drive of the device on a computer. If you want to delete all data, use the Format memory function (see also chapter 10.1.2 Memory formatting, page 53).

Note

DVT3000 – DVT7000:
- The device supports music files in the formats WMA and MP3, which can be transferred from the computer to the **Music** folder of the device. The files are located in the folder of the device.
- Files with copy protection (Digital Rights Management, DRM) are not supported.
- The device can store up to 99 music files.

4.12.2 Disconnecting from a computer

1 Select Eject USB in File Explorer.

2 Disconnect the USB cable from the computer.

5 Record

The device offers many features that you can use during recording or to improve the quality of a recording. Index marks can be used to mark certain points in a recording as points of reference. Use the timer and the voice activation functions to start a recording automatically. The pre-recording function allows to record the last five seconds before you press the record key.

5.1 Record settings

Set the required recording quality and microphone sensitivity or select automatic adjustment before you start a recording session. This function allows to customize the settings (recording quality, microphone sensitivity etc.) to suit the recording conditions (see also chapter 9.1.2 Adjust the record settings automatically (DVT3000 – DVT7000), page 40).
You can also enable the wind filter function to reduce the noise produced by the wind if you need to make a recording outdoors (see also chapter 9.1.5 Enable/disable wind filter (DVT3000 – DVT7000), page 42).
When you record in environments with lots of noise in the background (e.g. while in a crowd or during a train or car journey), you can enable the noise reduction function to reduce the background noise (see also chapter 9.1.6 Enable/disable noise reduction (DVT3000 – DVT7000), page 43).

Caution

- Do not remove batteries or rechargeable batteries from the device while it is recording. If you do this, data may be damaged or lost. Device malfunctions may also occur.

1 Press the **INDEX/**■ key while the device is stopped to select the desired folder.
↳ The following icons will be displayed, depending on the selected location folder: A, B, C, D, ♫ – internal memory, A, B, C, D, ♫ – memory card displayed.

2 Point the built-in microphone toward the sound source and press ●.
↳ The record/play indicator lights red. The recording duration and the remaining recording time are displayed in the selected folder on the display.

3 Check the recording level/volume.

4 Press ● to pause recording.
↳ The record/play indicator will blink red.

5 Press the ● key to resume recording.

6 Press the ■ key to stop recording.
↳ The device returns to stop mode.

Note

- **Start a new recording:** To stop the current recording and start a new one, press ▶▶I.
- **Start playback:** While recording, press ▶II. The current recording session is stopped and the last three seconds of the recording are played back.
- **Add index marks:** During a recording, press the **INDEX/■** to add an index mark (see also chapter 5.1.2 Add index marks, page 29).
- To prevent files getting to big during a long recording, a meeting that lasts several hours for example, you can automatically split recordings (see also chapter 9.1.12 Set auto divide, page 46).
- Each folder can store up to 99 files. The size of the memory depends on the location folder and the quality of a recording (see also chapter 9.1.3 Set recording quality, page 41).
  If the recording time or the number of files exceeds the available capacity, recording stops and a message is displayed. You can not make any more recordings. Delete the recordings which you no longer require, or connect the device to a computer and transfer the files to your computer.

Tip

- **DVT3000 – DVT7000: Manual microphone sensitivity**
  Press **+/–** during recording to adjust the microphone sensitivity.
- If you are to start a long recording session, replace or recharge the batteries before you begin. You can also connect the device to a computer using the USB cable. The device is supplied with power over the USB cable when connected to the computer and the batteries are not drained.
- DVT5500, DVT7000: Use the remote to control the recording session. Press the **II REC/PAUSE** key to start or pause recording. Press the **■ STOP** key to stop recording.
- DVT5000 – DVT7000: Press the **F1/F2** keys to call up settings menu for microphone sensitivity and recording quality.

5.1.1 Record using an external microphone

If you connect an external microphone to the device, the recording source will switch automatically and the device's microphone will be turned off. When you connect a mono microphone or an amplified recording source (e.g. a stereo system) to the microphone port, you should set the external source (see also chapter 9.1.14 Selecting an external sound source, page 47).

5.1.2 Add index marks

Index marks can be used to mark certain points in a recording as points of reference. Press ⏮/⏭ to select index marks (see also chapter 6.2 Playback a recording or music file, page 32).

1 Press the **INDEX/■** key during recording to add an index mark.
↳ The index number is displayed for one second. Up to 32 index marks can be set per file.

Tip

- You can also add index marks while the recording is paused.

5.1.3 Record using zoom function

Use the zoom function to focus on the front microphone and filter sounds from the side. This allows you to record a lecture or a speech over a long distance (see also chapter 9.1.4 Set microphone sensitivity, page 41).

5.1.4 Use pre-recording function (DVT3000 - DVT7000)

The pre-recording function allows to record the last five seconds before you press the record key. The device switches into a standby mode and records a five-second loop without saving it. Press the record key to save the five-second loop. This feature allows you to spontaneously record important parts of a conversation.

1 Switch on the pre-recording function (see also chapter 9.1.9 Enable/disable pre-recording function (DVT3000 – DVT7000), page 44).

2 Press the ● key.
↳ The device switches into a standby mode and records a five-second loop without saving it.

3 Press the ● key.
↳ The unit starts recording and saves the five-second loop.

5.2 Start recording automatically

You have two options to start automatic recording: timer function and voice activation.

5.2.1 Use Timer function

You can use this function to start a recording at a specified date and time. The device can record a microphone of a device, a radio, or an external sound source.

1 Customize the timer settings in the Settings menu and turn on the feature (see also chapter 9.1.10 Setting the timer, page 45).
↳ If this feature is on, the ⧅ icon is displayed. The device will start recording at a specified time. The device can be switched off at this time or the keypad can be locked.

5.2.2 Use voice activation

When voice-activated recording is enabled, recording will start when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence, and resume only when you begin speaking again.
Use the voice activation level to set the volume at which the device should begin recording.

1 Customize the voice-activated recording settings in the Settings menu and turn on the feature (see also chapter 9.1.11 Enable/ disable voice-activated recording, page 45).
↳ If this feature is on, the VA icon is displayed.

2 Press the ● key.
↳ The devices switches to standby mode. The (⏸) icon will be displayed. Recording will start when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence.

3 Press the ■ key to stop recording.
↳ The device returns to stop mode.

Tip

- Press **+/–** during recording to adjust the voice activation level.

6 Playback

Tip

- Turn on the ClearVoice function for better playback quality. Quiet fragments are dynamically adjusted, making soft voices clearer and more understandable (see also chapter 9.3.2 Enable/disable ClearVoice, page 50).

6.1 Select a recording

1 Press the **INDEX/**, key to select the desired folder while the device is stopped.
↳ The following icons will be displayed, depending on the selected location folder: A, B, C, D, – internal memory, A, B, C, D, – memory card displayed. (**A**, **B**, **C** and **D** are recording folders, the / folder contains music files).

2 Press ▶▶| while the device is stopped.

① The position indicator jumps to the end of a file.

② The position indicator jumps to the start of the next file.

3 Press |◀◀ while the device is stopped.

① The position indicator jumps to the start of a file.

② The position indicator jumps to the end of the previous file.

Note

- If the file contains index marks, press |◀◀/▶▶| to jump to the previous or the next index mark.
↳ The index number is displayed for one second instead of total recording time.

Note

DVT3000 – DVT7000:
- The device supports music files in the formats WMA and MP3, which can be transferred from the computer to the **Music** folder of the device. The files are located in the / folder of the device. The music format icon will be displayed during playback:
MP3 – MP3 file
WMA – WMA file
- Files with copy protection (Digital Rights Management, DRM) are not supported.
- The device can store up to 99 music files.

6.1.1 Using calendar search to find the required file (DVT3000 – DVT7000)

The search function of the device provides a listing of all stored files sorted by the record date.

1 Press **MENU** while the device is stopped.

2 Press the record key, ●, to confirm.

3 Press ⏮/⏭ to select the required date.

4 Press **+/–** to select the required file.
↳ The first ten seconds of each highlighted file can be played as a preview.

5 Press ▶❚❚ to play back the selected file.

6.2 Playback a recording or music file

Tip

- When the device is in the stop mode, playback will start with a three-second rewind. This function is especially helpful during transcription of recordings.

1 Select the required file as described.

2 Press ▶❚❚ to playback the selected file.
↳ The record/play indicator will light green. The total playback time of the current file will be shown on the display.

3 Press the **+/–** buttons to adjust the volume.

4 Press the ▶❚❚ key to pause playback.
↳ The playback will stop and the green LED will start blinking.

5 Press the ■ key to stop playback.
↳ The playback is paused at the current position. The device returns to stop mode. When you resume playback, it will start three seconds before the current position.

6 Press ▶❚❚ to continue playback from the previous position.

7 Press ⏮/⏭ to jump to the start or the end of the file.

Tip

- DVT3000 – DVT7000: You can call up the equalizer and the playback mode settings while playing back the music files.
- DVT5000 – DVT7000: Press **F1/F2** to call up the playback speed and ClearVoice functions or to display the date, time and remaining recording time.

6.3 Adjusting playback speed

1 Press and hold the ▶II key for at least 2 seconds during playback.

① This will switch the device to slow playback. The I▸ icon will be displayed.

② This will switch the device to fast playback. The ▸ icon will be displayed.

③ This will switch the device to normal playback. The ▶ icon will be displayed.

6.4 Quick search

You can scan backward or forward in the current file at a fast speed. This allows to find a specific part of the recording.

1 Press and hold the ⏮ or ⏭ buttons during playback or when the device is stopped
↳ to scan backward or forward in the current file at a fast speed.

2 Release the key
↳ to resume playback at the selected speed form the current position.

6.5 Repeat a file / repeat a sequence

You can automatically repeat playback of a certain file, folder or sequence (=loop).

1 In stop mode (start-up screen), press **MENU**.

2 Press **+/–** to select the Repeat function.

3 Press the record key, ●, to confirm.

4 Press **+/–** to repeat a certain file, folder or sequence automatically.
↳ The repeat mode icon will be displayed.
– repeat a file
– repeat all files in a folder
– repeat a selection/sequence
① Press **INDEX/**, to repeat a sequence at a chosen start point.
② Press **INDEX/**, to repeat a sequence at a chosen end point.
– Random playback

5 Press the record key, ●, to confirm.
↳ The repeat file, folder or sequence begins.

7 Edit & delete

You can overwrite part of a recording or insert a new one. You can split a large recording into separate files so that it can be easily edited. You can delete individual recordings from the device.

7.1 Edit a recording

7.1.1 Add to or overwrite a recording

You can edit an existing recording by overwriting a part of it or adding a new recording at its end. You can use the Overwrite mode to delete the existing recording from its current position!

Note

- When you edit, the recording quality of the original recording is used.

1 Set the required editing mode (see also chapter 9.1.7 Setting editing mode, page 43).
↳ The selected editing mode icon will be displayed.
– add a recording
– overwrite a recording

Caution

- You can use the Overwrite mode to delete the existing recording from its current position!

2 Press the **INDEX/** button while the device is stopped (start-up screen) to select a folder in which you wish to edit a recording.

Note

- DVT3000 – DVT7000: You can not edit the files in the music folder (/).

3 Press ⏮/⏭ to select the recording that you wish to edit.

4 **Overwrite a recording:** Play the recording up to the point where you wish to add a new part; use the quick search function or press ⏮/⏭ to jump to an index mark.

5 Press the ▶II key to pause playback.

6 Press the ● key to start recording the new part.
↳ The new file overwrites the rest of the recording or is added to its end, according to the editing mode set.

7 Press ● to pause recording.

8 Press the ■ key to stop recording.
↳ The device returns to stop mode.

7.1.2 Split a recording

Split a large recording into two separate recordings so that it can be more easily archived or transferred via e-mail, or to delete a section of the recording.

1 Press the **INDEX/**■ button while the device is stopped (start-up screen) to select a folder in which you wish to split a file.

2 Press **I◀◀/▶▶I** to select the recording that you wish to split.

3 To split a recording, play and stop at the position where the split should be made. Press the ■ key to stop the playback.
Alternatively:
Press the **I◀◀/▶▶I** key to jump to the index mark where the recording should be recording.

4 Press **MENU**.

5 Press **+/–** to select the Split function.

6 Press the record key, ●, to confirm.

7 Use **+/–** OK to select.

8 Press the record key, ●, to confirm.
↳ The recording is split. Sequential file numbers are reassigned automatically.

7.2 Deleting recordings on the device

You can delete individual recordings from the device. Connect the device to a computer if you want to rename or delete entire folders.

Caution

- Only delete the recordings that you no longer need. Keep in mind that deleted recordings can not be recovered.

1 Press the **INDEX/**■ button while the device is stopped (start-up screen) to select a folder in which you wish to delete a recording.

2 Press **I◀◀/▶▶I** to select the recording that you wish to delete.

3 Press and hold the 🗑 and/or **ERASE** key for at least 2 seconds.

4 Press ● to confirm the deletion.
↳ The recording is deleted. Sequential file numbers are reassigned automatically.

8 Radio DVT5000 – DVT7000

Note

- The headphones are the device's antenna. Radio reception is only possible if headphones are connected to the device.

8.1 Radio mode

1 Connect the headphones to the device. (see also chapter 4.11.1 How to connect headphones, page 22).

2 Press and hold the **MENU** key for at least 2 seconds to enter the radio mode.

3 Press **⏮/⏭** to select the required frequency. OR:
Press and hold **⏮/⏭** to start seeking for the next radio station.

4 Press the **+/–** buttons to adjust the volume.

5 Press and hold the **MENU** key for at least 2 seconds to exit the radio mode.

Tip

- Press **F1** to exit the radio mode.

Tip

- You can also use Menu to enter/exit the radio mode.
  1. In stop mode (start-up screen), press **MENU**.
  2. Press **⏮/⏭** to select the radio menu.
  3. Press **+/–** to select the FM radio on and Off function.
  4. Press the record key, ●, to confirm.

8.2 Pre-set radio station

The radio can store up to 20 radio stations in pre-sets.

Tip

- Press **F2** to search for a radio station.

8.2.1 Saving radio stations automatically

1 Press **MENU** while the device is in the radio mode.

2 Press **+/–** to select the Station search function.

3 Press the record key, ●, to confirm.

4 Press **+/–** to select the Auto search function.

5 Press the record key, ●, to confirm.
↳ The device automatically seeks and stores the radio frequencies in the pre-sets. The device can store up to 20 radio stations.

8.2.2 Saving a radio station manually

1 Press **MENU** while the device is in the radio mode.

2 Press **+/–** to select the Station search function.

3 Press the record key, ●, to confirm.

4 Press **+/–** to select the Manual search function.

5 Press the record key, ●, to confirm.

6 Press **⏮/⏭** to select the required frequency. OR:
Press and hold **⏮/⏭** to start seeking for the next radio station.

7 Press the ● key to save the selected radio station in the pre-sets.

8.2.3 Deleting a pre-set radio station

1 Press **⏮/⏭** to select the radio station that you wish to delete.

2 Press and hold the delete key 🗑 or the **ERASE** for at least 2 seconds.

3 Press ● to confirm the deletion.

8.3 Set output devices for radio playback

In radio mode, the speaker of the device is not muted when you plug in headphones. You can choose whether you want to listen to the radio using the headphones or the speakers.

1 Press **MENU** while the device is in the radio mode.

2 Press **+/–** to select the Output function.

3 Press the record key, ●, to confirm.

4 Press **+/–** to select whether you want to listen to the radio using the headphones or the speakers.

5 Press the record key, ●, to confirm.

6 Press **MENU** to return to the radio mode.

8.4 Record from FM radio

You can record FM radio.

1 Start the radio as described, and select the radio station you want to record.

2 Press the ● key.
↳ The record/play indicator lights red.

3 Press ● to pause recording.

4 Press the ■ key to stop recording.
↳ The device returns to the radio mode.

9 Settings

Press the **MENU** key while the device is stopped (start-up screen) to enter the Settings menu.

Note

- Press the ■ key at the end of an operation to return to the stop mode. Press the ■ key during the operation to cancel the operation without having to save and return to the stop mode.

9.1 Record settings

9.1.1 Set file location

The display shows a folder icon which indicates where the recordings are currently being stored: A, B, C, D, ♫ – internal memory, A, B, C, D, ♫ – memory card.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press **+/–** to select the Memory select function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select if you want to save the files in the internal memory or on the microSD card.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.2 Adjust the record settings automatically (DVT3000 – DVT7000)

This function allows the device to automatically adjust the record settings (recording quality, microphone sensitivity etc.) to suit the recording conditions.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Auto Adjust Rec function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.3 Set recording quality

Use the recording quality settings to set the file format and the quality of the recording as the data rate (bit rate). The higher the recording quality the bigger the file and the less recordings you can create.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Quality settings function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select the required recording quality.
↳ The selected quality setting icon will be displayed.
PCM – highest quality, uncompressed, format: WAV, 1,411 kbit/s
SHQ – excellent quality, format: MP3, 192 kbit/s
HQ – high quality, format: MP3, 96 kbit/s
SP – above-average recording time: MP3, 64 kbit/s
LP – longer recording time, format: MP3, 8 kbit/s

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

Tip

- DVT5000 – DVT7000: Press the **F1/F2** keys to call up settings menu for microphone sensitivity and recording quality.

9.1.4 Set microphone sensitivity

You can customize the microphone settings to suit the recording conditions. Adjust the recording sensitivity to avoid recording background noises and to adapt to the recording environment. Use the zoom function to focus on the front microphone and filter sounds from the side. This allows you to record a lecture or a speech from a long distance away.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Mic sensitivity function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select the required recording quality.
↪ The selected microphone/recording sensitivity icon will be displayed.
– Dictation – optimized setting for the recording of a sound source close to the device.
– Speech to text – optimized recording for subsequent editing using speech recognition software.
– Conversation – optimized setting for the recording of multiple sound sources in close proximity to the device.
– Auto Zoom (DVT5000 – DVT7000) – automatic adjustment of the zoom function for a sound source at a larger distance.
– Lecture – optimized setting for the recording of a sound source at a larger distance.
– Long distance (DVT5000 – DVT7000) – optimized setting for the recording of sound sources up to 15 meters / 50 feet away.
– Manual setting (DVT3000 – DVT7000) – set the microphone/recording sensitivity manually. Press **⏮/⏭** to select the sensitivity level from 1 (lowest sensitivity, very close) to 9 (highest sensitivity, far away). Press **+/–** during recording to adjust the microphone/recording sensitivity.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.5 Enable/disable wind filter (DVT3000 – DVT7000)

You can also enable the wind filter function to reduce the noise produced by the wind if you need to make a recording outdoors.

1 In stop mode (start-up screen), press **MENU**.

2 Press the **⏮/⏭** key to select the record settings menu .

3 Press **+/–** to select the Wind filter function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.6 Enable/disable noise reduction (DVT3000 – DVT7000)

When you record in environments with lots of noise in the background (e.g. while in a crowd or during a train or car journey), you can enable the noise reduction function to reduce the background noise.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu .

3 Press **+/–** to select the Noise reduction function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.7 Setting editing mode

You can edit an existing recording by overwriting a part of it or adding a new one at its end. You can use the Overwrite mode to delete the existing recording from its current position!

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu .

3 Press **+/–** to select the Edit mode function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select if you wish to add a new part to an existing recording, whether you want to delete a part of an existing recording and overwrite it, or turn off the function.
↳ The selected editing mode icon will be displayed.
– add a recording
– overwrite a recording

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.8 Enable/disable quiet recording (DVT3000 – DVT7000)

Use this function to turn off display indication, LED status, and the signal tones during a recording. This allows you to record while there is no visible indication on the display that a recording is being made.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Silent recording function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.9 Enable/disable pre-recording function (DVT3000 – DVT7000)

The pre-recording function allows you to record the last five seconds before you press the record key. The device switches into a standby mode and records a five-second loop without saving it. Press the record key to save the five-second loop.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Pre-recording function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.10 Setting the timer

You can use this function to start a recording at a specified date and time. The device can record from the device's microphone, the radio or an external sound source.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Timer function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select the Set time function to set the alarm clock.

6 Set date and time as described (see also chapter 9.3.1 Set date & time, page 49).

7 Press the record key, ●, to confirm.

8 Press **+/–** to select the Record source function to set the sound source.

9 Press **+/–** to select if the recording should be made from a microphone, an external source, or a radio station. Select the pre-set station before you record from the FM radio.

10 Press the record key, ●, to confirm.
↳ If this feature is on, the icon is displayed. The device will start recording at a specified time.

11 Press **+/–** to select the Off function to turn off the timer.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.11 Enable/disable voice-activated recording

If voice-activated recording is enabled, recording session will start when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence, and resume only when you begin speaking again.
Use the voice activation level to set the volume at which the device should begin recording.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the Voice Activation function.

4 Press the record key, ●, to confirm.

5 Press +/– to select the On function.

6 Press the record key, ●, to confirm.

7 Press ⏮/⏭ to switch between voice activation level 1 (very sensitive, the device switches on at low volume) and level 9 (lowest sensitivity, the device turns on at higher volume). Press +/– when the device is in the Record mode to adjust the voice activation level.

8 Press the record key, ●, to confirm.
↳ If this feature is on, the VA icon is displayed.

9 Press +/– to select the Off function to turn off voice-activated recording.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.12 Set auto divide

You can automatically divide large recordings, such as a multi-hour meeting recording. Once the set time has been reached, the device stops the current recording and automatically starts a new one.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press +/– to select the Auto divide function.

4 Press the record key, ●, to confirm.

5 Press +/– to select if you want to record to a new file every 30 or 60 minutes, or turn off this feature.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.13 Enable/disable the record indicator

This fuction allows you to switch off the status LED.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press **+/–** to select the Record lamp function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the LED indicator.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.1.14 Selecting an external sound source

If you connect an external microphone to the device, the recording source will switch automatically and the device's microphone will be turned off. When you connect a mono microphone or an amplified recording source (e.g. a stereo system) to the microphone port (DVT3000 – DVT7000), you should set the external source.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the record settings menu.

3 Press **+/–** to select the External input function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to connect an external mono or stereo microphone, or an amplified recording source (Line-in).

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.
↳ When you use Line-in, the icon will be displayed.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.2 Display settings

9.2.1 Select language

Note

- Your language might not be available. Select an alternative one.

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the display settings menu.

3 Press **+/–** to select the Language function.

4 Press the record key, ●, to confirm.

5 Use the **+/–** keys to select the display language you want.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.2.2 Adjusting the display contrast

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the display settings menu.

3 Press **+/–** to select the Contrast function.

4 Press the record key, ●, to confirm.

5 Press ⏮/⏭ to select the required display contrast.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.2.3 Enable/disable the back lighting (DVT3000 – DVT7000)

1 In stop mode (start-up screen), press **MENU**.

2 Press the ⏮/⏭ key to select the display settings menu.

3 Press **+/–** to select the Backlit function.

4 Press the record key, ●, to confirm.

5 Press +/– to enable/disable back lighting.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3 Device settings

9.3.1 Set date & time

The date and time entered are saved with each recording as the recording time.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press +/– to select the Date/time function.

4 Press the record key, ●, to confirm.

5 Press +/– to set the year.

6 Press ⏭.

7 Press +/– to set the month.

8 Press ⏭.

9 Press +/– to set the day.

10 Press ⏭.

11 Press +/– to switch between the 12/24-hour system.

12 Press ⏭.

13 Press +/– to set the hours.

14 Press ⏭.

15 Press +/– to set the minutes.

16 Press the record key, ●, to confirm.

17 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3.2 Enable/disable ClearVoice

Turn on the ClearVoice function for better playback quality. Dynamic emphasis on quiet passages to improve the intelligibility of quiet voices.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu .

3 Press **+/–** to select the ClearVoice function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to enable/disable the function.
↳ If the feature is on, the icon is displayed.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3.3 Equalizer settings (DVT3000 – DVT7000)

The equalizer is used for music playback. This setting improves the listening experience when playing back music by custom frequency settings.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu .

3 Press **+/–** to select the Equalizer function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select the appropriate setting or disable this feature.
↳ If this feature is on, the selected equalizer mode is displayed.
 – Pop
 – Jazz
 – Classic

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3.4 AUTO-OFF

The device switches off automatically if no key is pressed within a pre-set period of time. This saves power.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press **+/–** to select the Auto off function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to automatically turn off the device after 5 or 15 minutes of inactivity.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3.5 Alarm clock

You can use the device as an alarm clock or an appointment reminder. The alarm goes off or a selected file is played at a pre-set time.

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press **+/–** to select the Alarm function.

4 Press the record key, ●, to confirm.

5 Press **+/–** to select the Set time function to set the alarm clock.

6 Set date and time as described (see also chapter 9.3.1 Set date & time, page 49).

7 Press the record key, ●, to confirm.

8 Press **+/–** to select the Set source function to set the alarm clock signal.

9 Press **+/–** to select between an alarm signal, selected recording, or a pre-set radio station to be played as an alarm sound.

10 Press the record key, ●, to confirm.
↳ If this feature is on, the icon will be displayed.

11 Press +/– to select the Off function to turn off the alarm-clock.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

9.3.6 Enable/disable key and signal tones

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu .

3 Press +/– to select the Device sounds function.

4 Press the record key, ●, to confirm.

5 Press +/– to enable/disable the key and signal tones.

6 Press the record key, ●, to confirm.

7 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

10 Service

Do not perform any maintenance operations that are not described in this user manual. Do not disassemble the device into its component parts to carry out repairs. The device may only be repaired in authorised service centres.

10.1 Service functions

10.1.1 Display device information

1 In stop mode (start-up screen), press **MENU**.

2 Press ⏮/⏭ to select the device settings menu.

3 Press **+/–** to select the Information function.

4 Press the record key, ●, to confirm.
↳ General device information is displayed on the screen: current date and time, remaining recording time in the selected memory, firmware version of the device.

5 Press the stop key ■ to return to the stop mode.

10.1.2 Memory formatting

Caution

- Formatting the memory deletes all recordings and files saved on the device.

You can use this feature to delete all data and format the selected memory.

1 Select the memory that you want to format (internal memory or microSD card memory) (see also chapter 9.1.1 Set file location, page 40).

2 In stop mode (start-up screen), press **MENU**.

3 Press ⏮/⏭ to select the device settings menu.

4 Press **+/–** to select the Format memory function.

5 Press the record key, ●, to confirm.

6 Use **+/–** OK to select.

7 Press the record key, ●, to confirm.

8 Press ● to confirm the formatting.

9 Press the ■ key to exit the menu.

Tip

- Press the ■ key to cancel the operation without saving and return to the stop mode.

10.2 Replacing batteries or rechargeable power packs

Caution

- Do not remove batteries or rechargeable batteries from the device while it is recording. If you do this, data may be damaged or lost. Device malfunctions may also occur.

When the batteries are nearly empty, the battery indicator blinks; you should replace them. The number of the rechargeable power pack charge cycles is also limited. If the rechargeable batteries do not provide any power after a complete charging cycle via the computer, they must be replaced.
Proceed as described in 4.1 Inserting the batteries.

Note

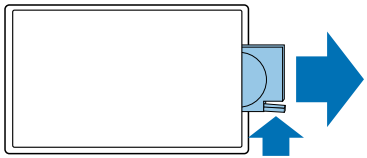
- If it takes longer than 2 minutes to replace the batteries, you may have to reset the time.
- Never try to recharge alkaline or non-rechargeable batteries.
- Batteries and rechargeable batteries contain substances that may pollute the environment. Used batteries and rechargeable batteries should be disposed of at an official collection point.

10.3 Replacing the remote control battery (DVT5500, DVT7000)

Note

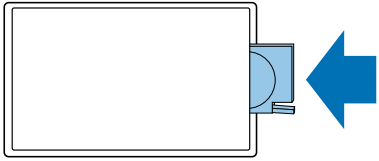
- Follow the instructions on handling the device, especially the batteries shown in 1 Important safety information. Only use CR2025 type batteries for the remote control.

1 Remove the battery cover from the remote control by opening the latch of the battery compartment on the back of the remote control and take out the battery compartment.



2 Insert the battery as shown. Make sure the polarity is correct.

3 Insert the battery compartment into the remote control until it snaps into place.



10.4 Updating the firmware

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.
It is possible that a newer version (an "update") of the firmware has been released since you purchased the device. In this case you can easily update your device to the latest version.

Caution

- New batteries should be inserted into the device when updating the firmware, or the rechargeable batteries should be fully charged. This is to prevent the power supply being interrupted.

1 Connect the device to your computer as described (see also chapter 4.12 Connecting to a computer, page 25).

2 Download the firmware update for your model from the website www.philips.com onto your computer.

3 Copy the new firmware file to the root directory of the device.

4 Disconnect the device from the computer.
↳ The firmware is automatically updated. This may take a few minutes. The device will then switch off.

Caution

- Wait until the firmware update is complete before calling up other device functions. Failure to properly update the firmware may result in the device malfunctioning.

10.5 Troubleshooting

Problem	Possible cause/solution
The device does not turn on	• The batteries or rechargeable batteries are not inserted correctly. ↳ Check to ensure that the batteries or rechargeable batteries are correctly inserted. Make sure the polarity is correct. • Batteries are empty. ↳ Replace or recharge the batteries.
The device does not playback recordings	• The keypad lock may be enabled. ↳ Slide the HOLD switch to the "Off" position. • No recordings are saved in the device.
The device does not respond	Remove the batteries/rechargeable batteries and insert them again.
microSD card can not be selected as a recording location	• There is no memory card in the device. ↳ Insert a memory card into the device. • Memory card is not formatted (file system FAT32). ↳ Format the memory card in the device.
I cannot hear anything from the speaker	• A headset is connected to the device. • The volume is at the lowest setting.
The recording session does not start	• Pre-recording or voice-activated recording mode may be enabled. • The keypad lock may be enabled. ↳ Slide the HOLD switch to the "Off" position. • The maximum number of recordings may have been reached or the available space for recording is full. ↳ Delete some recordings or move them to an external device. ↳ Select another location folder.
I cannot hear anything from the headphones	• The headphones are incorrectly connected. ↳ Check the headphone connection. • The volume is at the lowest setting.
External microphone records mono sound only	Switch external sound source to stereo microphone.

11 Appendix

The information in this user manual has been produced to the best of our knowledge. It (particularly the technical data) may be modified or updated at any time without prior notice.

11.1 Technical data

Technical data	
Dimensions	DVT1000 – DVT1500: 40 × 112 × 19 mm DVT3000 – DVT7000: 40 × 118 × 20 mm
Weight	DVT1000 – DVT1500: 60 g (incl. batteries/rechargeable batteries) DVT3000 – DVT7000: 55 g (incl. batteries/rechargeable batteries)
Batteries	Device: 2 × AAA alkaline batteries Philips rechargable batteries LFH9154 Remote control: CR2025

Technical data	
USB connection	High-speed 2.0, Micro-USB
Microphone connection	Stereo jack, 3.5 mm
Headset connection	Stereo jack, 3.5 mm
Display	27 × 27 mm Resolution: 112 × 112 pixels
Internal memory	DVT1000 – DVT3500: NAND-Flash, 2 GB DVT5000 – DVT7000: NAND-Flash, 4 GB
Memory card	microSD card up to 32 GB SDHC
Recording format	PCM – WAV, 1,411 kbits/s SHQ – MP3, 192 kbits/s HQ – MP3, 96 kbits/s SP – MP3, 64 kbits/s LP – MP3, 8 kbits/s
Music playback	MP3, WMA Bit rate: 8 – 320 kbps no DRM

Technical data	
Speaker	Frequency range: 70 – 15,000 Hz Output: 110 mW
Recording time Internal storage DVT1000 – DVT3500	PCM – 3 h SHQ – 23 h HQ – 46 h SP – 70 h LP – 560 h
Recording time Internal storage DVT5000 – DVT7000	PCM – 6 h SHQ – 47 h HQ – 95 h SP – 142 h LP – 1140 h
Battery life DVT1000 – DVT1500	Recording in LP mode (built-in memory / microSD memory card) 33 h/14 h (alkaline battery)
Battery life DVT3000 – DVT7000	Recording in LP mode (built-in memory / microSD memory card) 48 h/18 h (alkaline battery) 42 h/16 h (rechargeable batteries)
Sampling rate	PCM/SHQ – 44.1 kHz HQ – 32 kHz SP – 22 kHz LP – 16 kHz

Technical data	
Radio DVT5000 – DVT7000	FM stereo Frequency range: 87.5 – 108 MHz Memory capacity: 20 radio stations
System requirements	Operating system: Windows 7 (32/64-bit), Vista (32/64-bit), XP (32-bit, SP 2), MacOS X 10.6, Linux
Temperature	5 °C – 45 °C / 41 °F – 113 °F
Humidity	10 % – 90 %

CE

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 DVT1000, DVT1500, DVT3000, DVT3100, DVT3500, DVT5000, DVT5500, DVT7000 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.

This product was manufactured using high-quality materials and components which may be recycled and reused. Adhere to the applicable statutory provisions, and only dispose of these products at official collection points. The proper disposal of the device helps avoid potential adverse impacts on environment and health.

Packaging: Please observe the recycling and packaging provisions applicable in your country.
Batteries: Used batteries should be disposed of at an official collection point.

Product: The crossed dustbin symbol on your product indicates that special waste regulations shall apply to the electrical and electronic equipment contained therein.
In keeping with the provisions of the EU Directive relating to the disposal of waste electrical and electronic equipment and the protection of the environment and the health, old devices which are no longer required, may be disposed of as follows:
• Your dealer will take care of the old equipment when you buy a new device from him.
• Used devices should be disposed of at an official collection point.
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 Philips.
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