

# PHILIPS

## PocketMemo

### Dictation and Speech Recognition Set

Slide-switch operation

3D Mic system

SpeechExec Pro software

Integrated speech recognition



PSE8000 series



## Superior recording

### with 3D Mic technology

The PocketMemo Voice Recorder takes dictation to a new level. Breakthrough 3D Mic technology delivers best audio quality in any recording situation. Its robust yet lightweight stainless steel design offers perfect ergonomics for working over longer periods of time. Coupled with SpeechExec Pro software with integrated speech recognition going from voice to text has never been quicker.

#### Superior audio quality and design

- 3D Mic system for best audio quality and accurate speech-recognition results
- Built-in motion sensor for automatic microphone selection
- Ergonomic slide switch for efficient single-handed operation
- Robust stainless steel casing for extra durability

#### Enhance your productivity

- Integrated speech recognition for turning voice to text immediately
- Large color display and clear user interface for easy, intuitive operation
- Docking station for fast battery charging and hands-free recording
- Light and motion sensors for extended battery life

#### Designed for professionals

- File encryption and device PIN lock for high data security
- Remote management support for time-saving deployment and maintenance
- Classic mode for clear and easy-to-use operation



# Highlights

## 3D Mic system for best audio quality



The breakthrough 3D Mic technology uses the built-in microphones to always deliver best recording results: an omnidirectional microphone offering 360 degree sound pick-up, ideal for the recording of multiple sound sources such as meetings, and a unidirectional microphone optimized for voice recording and accurate speech-recognition results.

## Motion sensor



The built-in motion sensor senses when the device is placed on the desk or held in the hand and selects the microphone accordingly to suit the recording situation. The motion sensor switches automatically into standby mode when the device is idle. Once the PocketMemo is picked up again, it's ready to record within seconds.

## Wear-free slide switch



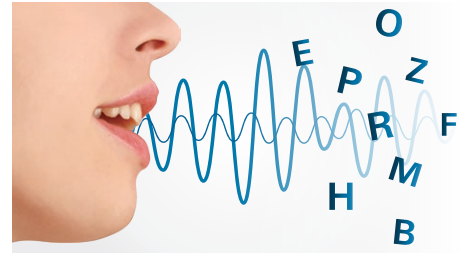
The quick-response and ergonomic slide switch is designed for singlehanded operation of all recording and playback functions, allowing easy and quick file editing (insert, overwrite, append). It operates with a light sensor signal, making it wear-free and durable.

## Robust and ergonomic design



The asymmetrical and ergonomic shape fits perfectly into your hand. Its slim and lightweight design maximizes comfort, even when working over longer periods of time. The brushed stainless steel creates a robust and highly durable protective shell around the device. The device is shockproof according to US military standard 516.6.

## Integrated speech recognition



The SpeechExec Pro software organizes the workflow of dictation files and resulting documents between author and transcriptionist, and allows you to monitor the status of your work. It comes with integrated Dragon speech recognition software that allows authors to turn speech into text immediately.

## Large, high-resolution color display



The large full-color display offers sharp images, making it easier to see everything at first glance. The clear user interface is optimized for easy, intuitive operation.

# Highlights

## Docking Station



The stable and superior Docking Station provides speedy charging and automatic transfer of your recording to your computer. With an optional foot control connected, the docking station enables hands-free recording and transcription even without a computer.

## Extended battery runtime



The high-capacity Li-ion battery can be easily charged through a standard micro USB jack. The integrated light and motion sensors guarantee extended battery life. The smart technology adjusts the brightness of the display and switches automatically into stand-by mode when the device is idle, ensuring that your recorder will always be ready to work when you are.

## High data security



Recordings can be encrypted in real time using the Advanced Encryption Standard (AES or Rijndael Algorithm) with a key length of 256 bits. AES provides a very high degree of security and has been approved in the USA for the most highly classified government information. The device itself can be assigned a PIN code to protect against unauthorized use or file playback.

## Remote configuration & maintenance



The Philips SpeechExec Remote Device Manager software allows IT administrators to centrally manage, configure and update dictation hardware from Philips, saving valuable time and resources. Managing device settings for individuals, groups and teams or the whole organization is easily done remotely.

## Classic mode



Many users still love their analog devices for their simplicity and userfriendliness. The optional classic mode gives the user the look and feel of working with an analog device while retaining the advantages of digital technology and keep focused on the essentials.

# Specifications

## Connectivity

Headphones: 3.5 mm  
Microphone: 3.5 mm  
USB: micro USB 2.0  
Docking connector  
Memory card slot

## Display

Type: color TFT  
Diagonal screen size: 2.4 inches / 6.1 cm  
Resolution: 320 × 240 pixels

## Storage media

Exchangeable memory card  
Memory card types: SD/SDHC (DPM8000, DPM8200), micro SD/SDHC (DPM8500), up to 32 GB  
Mass storage class compliant  
Data transfer speed: 6.75 MB/s read speed, 5.0 MB/s write speed

## Audio recording

Recording format: DSS/DSS Pro (Digital Speech Standard), MP3, PCM  
Built-in microphones: 1 directional microphone, 1 microphone for 360 degree recording  
Recording modes: DSS QP (.ds2/mono), DSS SP (.dss/mono), MP3 (.mp3/stereo), PCM Voice (.wav/mono), PCM Stereo (.wav/stereo)  
Bit rate: 13.7 kbit/s (DSS SP), 28 kbit/s (DSS QP), 192 kbit/s (MP3), 353 kbit/s (PCM Voice), 705 kbit/s (PCM Stereo)  
Edit modes: insert (DSS/DSS Pro), overwrite (DSS/DSS Pro, MP3, PCM), append (DSS/DSS Pro, MP3, PCM)  
Recording time (4 GB memory card): 700 hours (SP), 350 hours (QP), 50 hours (MP3), 27 hours (PCM Voice), 13 hours (PCM Stereo)  
Sample rate: 44.1 kHz (MP3), 22.05 kHz (PCM), 16 kHz (DSS QP), 12 kHz (DSS SP)

## Sound

Speaker type: built-in round, dynamic speaker  
Speaker diameter: 28 mm  
Acoustic frequency response: 300 – 7500 Hz  
Speaker output power: > 200 mW

## Power

Battery type: Philips Rechargeable Li-ion  
Battery ACC8100  
Battery capacity: 1000mAh  
Battery lifetime: up to 30 hours of recording (DSS Pro mode)  
Standby time: more than 200 days  
Charging time (full charge): 3 hours

## Security

Real time file encryption  
Encryption standard: Advanced Encryption Standard (AES or Rijndael Algorithm) with 256 bits  
Device lock with pin code  
User identification via PIN code  
Number of supported user IDs: 40

## Durability

MIL-STD-810G 516.6 certified for shock resistance

## System requirements for Philips

### SpeechExec software

Processor: Intel dual core or equivalent AMD processor, 1 GHz or faster processor  
RAM: 2 GB (32 bit)/4 GB (64 bit)  
Hard-disk space: 100 MB for SpeechExec software, 4.5 GB for Microsoft .NET Framework  
Operating system: Windows 10 Pro/Enterprise (64 bit), Windows 8.1/7 Pro/Enterprise (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2008 R2 (32/64 bit)  
Graphics: DirectX-compliant graphics card with hardware acceleration recommended  
Sound: Windows-compatible sound device  
Browser: Internet Explorer 9 or higher, or the current version of Chrome or Firefox  
Free USB port  
Internet connection for required software activation

### Additional system requirements for speech recognition software

Supported speech recognition software: Nuance Dragon Professional 13/14/15 Individual/Group, Nuance Dragon Legal 13/14/15, Dragon Medical Practice Edition 3, Nuance Dragon SDK Client Edition 14  
Processor: Intel dual core or equivalent AMD processor, 2.2 GHz or faster processor  
RAM: 4 GB (32 bit)/8 GB (64 bit)  
Hard-disk space: 8 GB  
Operating system: Windows 10 Pro/Enterprise (64 bit), Windows 8.1/7 Pro/Enterprise (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2008 R2 (32/64 bit)



# Specifications

## Integrated speech recognition

**Supported languages:** English (including variants for US, UK, Australian, Southeast Asian, Indian and Canadian), German, French, Italian, Spanish and Dutch.

**Supported audio file formats:** .wav, .wma, .mp3, .dss, .ds2, .m4a.

## Green specifications

Compliant to 2011/65/EU (RoHS)

Lead-free soldered product

## Operation conditions

Temperature: 5° – 45° C/41° – 113° F

Humidity: 10 % – 90 %, noncondensing

## Dimensions

**Product dimensions (W×D×H):**

53×123×15mm/2.1×4.8×0.6inches

**Weight:** 117 g/4.1 oz including battery and memory card

## Package contents

PocketMemo Voice Recorder

Docking Station

Memory card

Rechargeable battery

USB cable

Pouch

SpeechExec Pro Dictation and Speech

Recognition Software

User manual

## Available accessories

Philips Rechargeable Li-ion Battery ACC8100

Philips SDHC Memory Card ACC9008

Philips Telephone Pickup Microphone LFH9162

Philips Meeting Microphone LFH9172

Philips Foot Pedal LFH2210

Philips WLAN Adapter ACC8160

Philips SpeechExec Remote Device

Management Software LFH7470

Philips SDK for Dictation Hardware LFH7475

# Versions

## PSE8000



Slide-switch operation (record, stop, play, fast rewind)

SpeechExec Pro Dictation and Speech Recognition Software

## PSE8200



Slide-switch operation (fast forward, record/play, stop, fast rewind)

SpeechExec Pro Dictation and Speech Recognition Software

