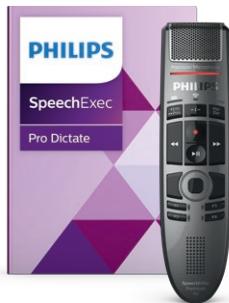# PHILIPS

SpeechMike

Premium Air

Dictation and Speech Recognition Set

Wireless

Lossless speech technology

Precision microphone

Integrated speech recognition

PHILIPS SpeechExec Pro Dictate

PSE4000

Desktop dictation goes mobile

with patented lossless speech technology

The SpeechMike Premium has reached its highest stage of evolution. Benefit from all advantages of the industry leading dictation microphone, without the constraints of a cable. Record your voice using a premium decoupled studio-quality microphone with a built-in noise reduction filter and achieve exceptional speech recognition results. The included SpeechExec Pro Software with integrated speech recognition allows you to turn your voice to text quicker and more accurate than ever before.

Exceptional recording results
· Decoupled studio-quality microphone for precise recording
· Integrated motion sensor mutes microphone when not in use
· Integrated speech recognition for turning recordings into text immediately

Wireless for maximum mobility
· Patented 100% lossless speech technology for smooth wireless voice recording
· Superior docking station for high-speed wireless charging and smart pairing
· Long-lasting battery for up to 24 hours of reliable recording time

Designed for convenience
· Freely configurable buttons and modes for a personalized device
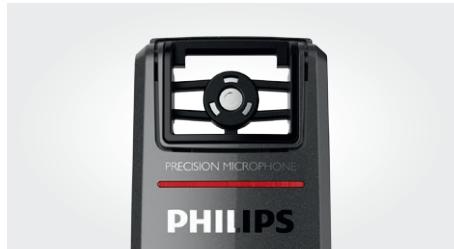· Antimicrobial housing and buttons for durable hygienic working

Developed for professionals
· Superior touch sensor for integrated mouse function
· Hands-free recording for comfortable working
· Smart, backwards compatible firmware for extra flexibility

N°1 In professional dictation

No 1 in SPS global customer satisfaction survey 09/2017.

Highlights

Free-floating studio-quality microphone

The free-floating microphone is decoupled from the device's housing, which guarantees that almost no background, touch, click, air or structure-borne noise is recorded. This technique is derived from studio microphones to make sure there are no sound distortions whatsoever and to guarantee outstanding speech recognition results.

Integrated motion sensor

Being on the cutting edge of technology, the SpeechMike Premium Air comes with an integrated motion sensor, meaning it can be controlled by the movement of your hand. It detects when it's put on the table, mutes the microphone, and once it is being picked up again it unmutes the microphone. In addition to that, custom events can be programmed, e.g., to pause and to continue the recording.

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. Texts are transcribed in real-time on the computer screen while speaking.

Patented 100% lossless voice technology

Uncompressed wireless recording enables free movement and pacing whilst working. You can easily move up to 5 meters or 16 feet away from your workstation and your recordings are safely transmitted to your computer in highest quality, without any interruptions. The cutting edge technology ensures every word is captured from the moment you press record.

Superior docking station

The stable and innovative docking station provides wireless charging and easy pairing between your device and the docking station. Users can be flexible and work with various docking stations in different places. With an optional foot control connected, the docking station enables hands-free recording.

Long-lasting battery

The powerful built-in high-speed charging Li-ion battery ensures up to 24 hours of reliable recording time. The battery can be charged easily and wirelessly in less than three hours using the included docking station.

Highlights

Freely configurable keys

You can freely configure the buttons on your device or use the pre-installed Secured Dragon Mode. This mode pre-configures the buttons, optimizing them for use with Dragon speech recognition software. It requires no additional driver installation, making setup easy, even in virtual environments.

Polished, antimicrobial housing

The housing of the SpeechMike Premium Air is made of antimicrobial synthetics that work against a wide range of different microorganisms such as bacteria, viruses, fungi or algae. The polished, high quality pearl metal surface also makes the device non-sensitive to touch noises and fingerprints.

Touch sensor

The device comes with a dust and dirt resistant touch sensor for superior quality. This allows the user to easily control and navigate within applications while recording, without having to switch between the mouse and microphone.

Hands-free recording

An optional foot control can be connected directly to the docking station and used for comfortable hands-free recording control.

Highly compatible

Customers can upgrade from their previous SpeechMike model without installing additional software. For integrators, this means no changes need to be implemented and the existing SDK can be used. The SpeechMike Premium Air is compatible with Mac and Windows operating systems, as well as virtual environments such as Citrix, VM Ware and Hyper-V. It can be configured using SpeechControl, the convenient Philips hardware management tool.

Specifications

Connectivity
Wireless technology: 2.4 GHz ISM Band
Modulation: 8-FSK
Maximum range: up to 5 m / 16 ft (in clear view)

Audio recording
Microphone type: electret condenser microphone
Microphone capsule: 10 mm
Characteristic: uni-directional
Frequency response: 200 – 12 000 Hz
Sensitivity: -37 dBV
Signal-to-noise ratio: > 70 dBA

Sound
Speaker type: built-in round, dynamic speaker
Speaker diameter: 30 mm
Acoustic frequency response: 300 – 7500 Hz
Speaker output power: > 200 mW

Power
Battery type: Li-polymer
Rechargeable: wireless via docking station or micro USB
Power supply: via docking station
Battery lifetime: up to 24 hours of recording
Standby time: > 100 hours
Charging time (full charge): 3 h (wireless)

Dimensions
Product dimensions (W × D × H): 45 × 175 × 32 mm / 1.8 × 6.9 × 1.25 in
Weight: 120 g / 4.2 oz.

Docking station
Product dimensions (W × D × H): 82 × 85 × 60 mm / 3.2 × 3.3 × 2.4 in
Weight: 276 g / 9.7 oz.
USB: for foot control
Micro USB: data connection
Kensington lock

System requirements for Philips SpeechExec and SpeechControl 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, 30 MB for SpeechControl 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)

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 %

Design and finishing
Material: high-class polymers with antimicrobial additive
Color: dark grey pearl metallic

Package contents
SpeechMike Premium Air Wireless Dictation Microphone
Docking Station ACC4000
Power supply with international adapters: US, UK, Europe, Asia Pacific
SpeechExec Pro Software with Integrated Speech Recognition
2 USB cables
Quick start guide