

PHILIPS

SpeechMike

Premium Air

Wireless Dictation Microphone

Wireless

Lossless speech technology

Precision microphone

Touch sensor



SMP4000



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. Thanks to the revolutionary patented lossless speech technology, the SpeechMike Premium Air offers maximum mobility without any compromises. The device achieves the same high speech recognition performance as the standard SpeechMike Premium with a cable.

Exceptional recording results

- Studio-quality microphone for best-in-class speech recognition results
- Decoupled free-floating microphone for precise recordings without background noise
- Integrated motion sensor automatically switches between recording modes

Wireless for maximum mobility

- Patented 100% lossless speech technology for smooth wireless voice recording
- Built-in support for Nuance speech recognition for a hassle-free 'plug and play' installation
- Long-lasting battery for up to 24 hours of reliable recording time

Designed for convenience

- Freely configurable buttons and modes for a personalized device
- Wear-free slide switch and push buttons for comfortable operation
- Hygienic surface for easy disinfection

Developed for professionals

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

Highlights

Studio-quality microphone



The SpeechMike Premium Air comes with a studio-quality microphone and a built-in triple layer noise reduction filter for clearest recordings and most accurate speech recognition results.

Free-floating 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.

Integrated motion sensor



Being on the cutting edge of technology, the SpeechMike Premium comes with an integrated motion sensor, enabling automatic switching between different microphone modes depending on device usage. When the device is placed on a desk, it can automatically switch to conversation mode to support ambient voice recording and multi-speaker recording scenarios. When picked up again, it switches back to dictation mode. Depending on the configuration, the motion sensor can also automatically mute the microphone when the device is placed on a desk.

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.

Built-in support for speech recognition



Philips SpeechMike is designed to work seamlessly with Nuance speech recognition and is also supported by leading hospital information systems (HIS), radiology information systems (RIS), and picture archiving and communication systems (PACS). With native, built-in support for these systems, users can simply plug in the device and start using it immediately, without requiring any extra installation steps.

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.

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.

Wear-free slide switch and push buttons



The SpeechMike Premium Air comes with slide-switch or push-button operation. The slide switch is ergonomically shaped with a softly ribbed surface for smooth tactile feedback and comfortable and intuitive utilization. In addition, our engineers implemented a millionfold proven contactless slider detection, making it completely wear-free for an extra-long lifetime.

Highlights

Hygienic surface



The hygienic surface physically hinders the colonization of germs and thus improves the efficiency of the usual measures for disinfecting. 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.

Versions

SMP4000



Push-button operation

SMP4010



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

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

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

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: 30 MB for SpeechControl software, 4.5 GB for Microsoft .NET Framework
Operating system: Windows 11, Windows 10 (64 bit), macOS 15/26 (Mac functionality may be limited)
Graphics: DirectX-compliant graphics card with hardware acceleration recommended
Sound: Windows-compatible sound device
Free USB port

Supported speech recognition software:

Microsoft Dragon Copilot, Microsoft Medical One, Microsoft Legal/Professional Anywhere, Dragon Professional 12.5/13/14/15/16 Individual/Group, Dragon Legal 12.5/13/14/15/16, Dragon Medical Practice Edition 2/3/4, Dragon SDK Client Edition 14, Solvment Fluency Direct 8.0 and above, Fusion Narrate powered by nVoq

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
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
2 USB cables
Quick start guide

Available accessories

SpeechMike Premium Air Docking Station ACC4000
AirBridge Wireless Adapter for SpeechOne and SpeechMike Premium Air ACC4100

