

# PHILIPS

## SpeechMike

### Premium Air

Wireless dictation  
microphone

Wireless

Lossless speech technology

Precision microphone

Touch sensor



SMP4000



## Desktop dictation goes mobile with 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 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 mutes microphone when not in use

### Wireless for maximum mobility

- 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

- Lightweight and ergonomically shaped for perfect fit in the hand
- Wear-free slide switch and push buttons for comfortable operation
- 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



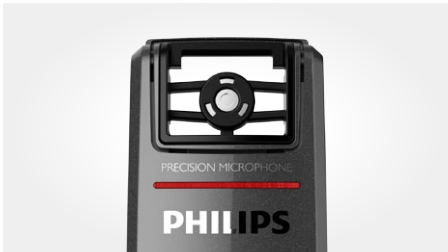
# Highlights

## Studio-quality microphone



The SpeechMike Premium Air comes with a studio-quality microphone and a built-in tripple 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 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.

## 100% lossless voice technology



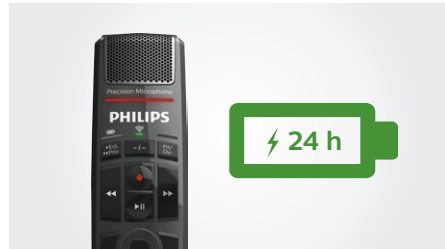
Uncompressed wireless recording enables free movement and pacing whilst working. You can easily move up to 10 meters or 33 feet away from your workstation and your recordings are safely transmitted to your computer in highest quality, without any interruptions. The cutting edge technology ensures every word is captured from the moment you press record.

## Superior docking station



The stable and innovative docking station provides wireless high-speed 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



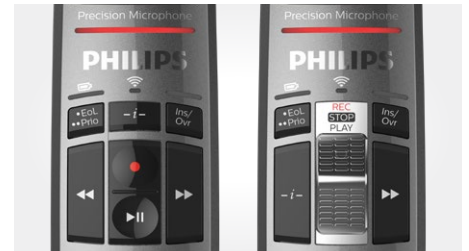
The powerful built-in high-speed charging Li-ion battery ensures up to 24 hours of reliable recording time. The battery can be charged easily and wirelessly in less than three hours using the included docking station.

## Ergonomic design



The lightweight device is designed to fit perfectly into the hand and reduce unintentional pressing of buttons. The trigger and the 'command' button on the back of the device are engineered to be in easy reach for the fingers.

## 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.

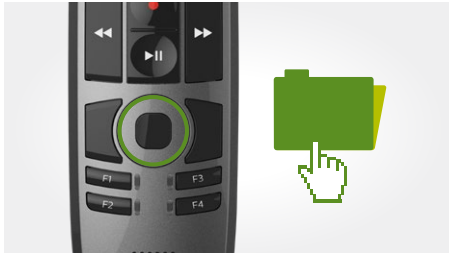
## Polished, antimicrobial housing



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.

## Highlights

### 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 10 m / 33 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

### 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 10 (64 bit), Windows 8.1/7 (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2008 R2 (32/64 bit), macOS 10.11/10.12

Graphics: DirectX-compliant graphics card with hardware acceleration recommended

Sound: Windows-compatible sound device

Free USB port

Supported speech recognition software:

Nuance Dragon Professional 12.5/13/14/15

Individual/Group, Nuance Dragon Legal

12.5/13/14/15, Dragon Medical Practice Edition

2/3, Nuance Dragon SDK Client Edition 14

## 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

2 USB cables

Quick start guide

