PHILIPS

SpeechMike

Premium

Dictation Microphone

Digital

USB

Precision microphone



LFH3500 series



Best-in-class recording

with Precision Microphone

The SpeechMike Premium takes dictation to a new level. May it be the free-floating studio quality Precision Microphone, a microphone grille with optimized structure, built-in noise-reduction pop filter, hygienic surface or the motion sensor – the SpeechMike Premium sets the new standard.

Tuned for clarity

- Decoupled studio-quality microphone for precise recording
- Optimized microphone grille and integrated pop filter for crystal clear sound
- Large speaker area for premium playback
- Built-in support for Nuance speech recognition for a hassle-free 'plug and play' installation

Crafted for comfort

- Ergonomically shaped for perfect fit in the hand
- Wear-free slide switch or push buttons for comfortable operation
- Integrated motion sensor mutes microphone when not in use
- Trackball for integrated mouse function

Designed for detail

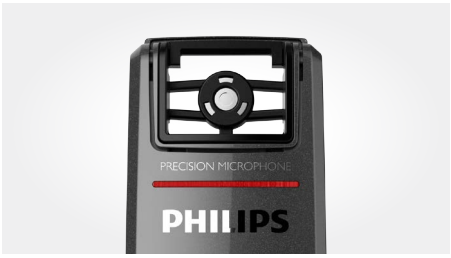
- Hygienic surface for easy disinfection
- Freely configurable function keys for a personalized workflow
- Smart, backwards compatible firmware for extra flexibility

№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.

Metal microphone grille



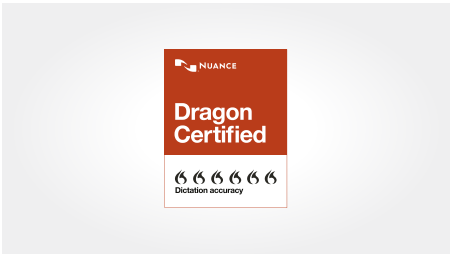
The metal grille comes with specially designed hexagonal openings which allow three times more sound to reach the microphone than its predecessor, engineered to provide crystal clear recordings. A fleece inserted above and below the microphone capsule filters out sound distortions such as pop and hiss noise, guaranteeing perfect results even if dictating closely into the microphone.

Large speaker area



The SpeechMike Premium Touch is equipped with an extra-large speaker, enabling it to not only record but also play back recordings in clear and crisp quality.

Built-in support for speech recognition



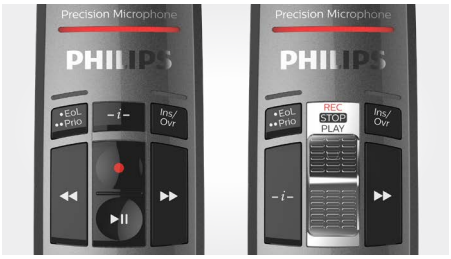
Philips SpeechMike is designed to work seamlessly with Nuance speech recognition and is also supported by leading hospital information systems (HIS), radiology information systems (RIS), and picture archiving and communication systems (PACS). With native, built-in support for these systems, users can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

Ergonomically shaped



The 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 button



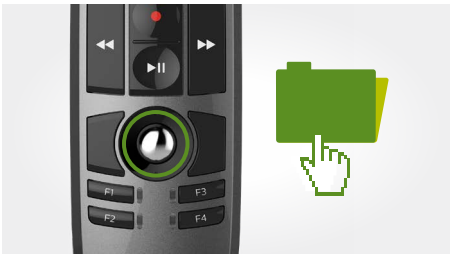
The SpeechMike Premium comes with a slide-switch or a push-button operation. The slide switch is wear-free and ergonomically shaped with a softly ribbed surface for smooth tactile feedback and comfortable and intuitive utilization. In addition, our engineers implemented a millionfold proven contactless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

Integrated motion sensor



Being on the cutting edge of technology, the SpeechMike Premium comes with an integrated motion sensor, making it the first stationary dictation device that 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.

Trackball for integrated mouse function



The device comes with a trackball. This allows the user to easily control and navigate within applications while recording, without having to switch between the mouse and microphone. The trackball can even be taken out of the device for cleaning, if this should ever be required. The self-lubricated and abrasive resistant Teflon bearings guarantee a smooth operation over the entire 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.

Freely configurable keys



The SpeechMike Premium has freely configurable keys which are especially useful for programming speech recognition commands. The device can be personalized for any user and application.

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 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

LFH3500



Push-button operation

LFH3510



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

Specifications

Connectivity
USB: USB 2.0, type A (compatible with USB 3.0)

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

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 12/11 (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: 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, M*Modal 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 %

Dimensions
Product dimensions (W × D × H): 45 × 175 × 32 mm / 1.8 × 6.9 × 1.25 in
Weight: 200 g / 7 oz (including cable)
Cable length: 2.5 m / 8.2 ft

Design and finishing
Material: housing made of high-class polymers
Color: dark grey pearl metallic

Package contents
SpeechMike Premium Dictation Microphone
USB cable (connected to device)
Quick start guide

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www.philips.com/dictation