



## Philips SpeechMike Premium

USB dictation microphone

LFH3500/00

# 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, builtin noise-reduction pop filter or the antimicrobial surface.

## Benefits

### Crafted for comfort

- Ergonomically shaped for perfect fit in the hand
- Freely configurable keys for a personalized workflow
- Integrated motion sensor mutes microphone when not in use
- Optimized control panel for comfortable working

### Designed for detail

- Antimicrobial housing and buttons for hygienic working
- Barcode scanner for streamlined documentation
- Laser-scanned, self-cleaning trackball for smooth operation

- Polished surface for reducing unwanted touch noises

### Tuned for clarity

- Free floating, decoupled microphone for precise recording
- Integrated pop filter for perfect recording quality
- Large speaker area for premium playback
- Metal microphone grille with optimized structure

## Features

### Antimicrobial housing

The SpeechMike Premium's housing and buttons are made of antimicrobial synthetics, guarding it against all kinds of germs. Antimicrobial materials work

against a wide range of different microorganisms such as bacteria (e.g. pneumococcal bacilli and multiresistant microorganisms such as MRSA),

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viruses (e.g. HIV, influenza, etc.), fungi (e.g. Aspergillus niger), or algae. The antimicrobial effect on the SpeechMike Premium lasts for at least five years.

### Barcode scanner

Link client or patient data to a recorded file simply by scanning a bar code (SpeechMike Premium barcode devices only). The scanned information is automatically attached to the dictation file, streamlining the documentation process. All identifying information is entered accurately, increasing security and potential for cost savings. With the SpeechMike Premium, it's possible to scan barcodes from up to 60 cm / 23 inches distance, twice the distance compared to its predecessor.

### Ergonomically shaped

As the rear of a dictation microphone is as important as the front, Philips put an emphasis on shaping it in a way so that it perfectly fits the human hand and reduces unintentional use of buttons. The trigger and the "command" button on the rear housing are engineered to be exactly where they need to be. There has never been a desktop dictation device that is as ergonomic as the SpeechMike Premium.

### Free-floating microphone

The microphone in the new SpeechMike Premium is decoupled from its housing for the most incredible crystal clear recording performance ever to be delivered by a desktop dictation device. The completely redesigned microphone suspension 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.

### Freely configurable keys

With four freely configurable function buttons placed at the lower area of the control panel, the SpeechMike Premium can be further personalized for any user and application. Work the way you want – a benefit that only a Philips SpeechMike offers.

### Integrated motion sensor

Being on the cutting edge of technology, the Philips 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. There are plenty of situations this feature can be greatly beneficial; just think of an incoming phone call or

someone stepping in your office. In addition to that, custom events can be programmed, e.g., to pause and to continue the recording.

### Integrated pop filter

The microphone area of the SpeechMike Premium is made of many different layers to make it sound as clear and original as possible. One of those is a fleece inserted above and below the microphone capsule. The fleece filters out sound distortions such as pop and hiss noise, guaranteeing perfect results even if dictating closely into the microphone.

### Larger speaker area

Compared to its predecessor, the SpeechMike Premium is equipped with a double sized-speaker area that enables it to play back recordings in clear and crisp quality.

### Laser-scanned steel trackball

The SpeechMike Premium includes a built-in highprecision stainless steel trackball. Self lubricated and abrasive resistant Teflon bearings guarantee a smooth operation over the entire lifetime. In combination with a laser scanner and self-cleaning features, the trackball is as precise and durable as never before. On top of that, the trackball can even be taken out of the device for cleaning, if this should ever be required.

### Metal microphone grille

A well-engineered microphone grille is able to make a high-end microphone as in the new SpeechMike Premium stand out even more. The hexagonal holes used for the metal grille feature three times more open surface than its predecessor, engineered to provide crystal clear recordings.

### Optimized control panel

Philips is the creator of the ergonomic zones design. SpeechMike Premium has been tested and proven by users to have the most comfortable fit in the human hand. The dictation zone is optimized to keep thumb movement to a minimum. The buttons needed for the actual dictation functions are placed centrally, in the area most convenient for the thumb, guaranteeing perfect ergonomics and nonfatiguing usage for the user. Less frequently needed function buttons are clearly arranged above and below. All buttons used are formed to give as much tactile feedback as possible.

### Polished surface

The housing of the SpeechMike Premium is made of high-class polymers. It is endowed with a polished surface and the material includes a pearl metal additive providing a high quality metallic effect and making it non-sensitive to touch noises and fingerprints.

## Specifications

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### Connectivity

USB	High-speed USB 2.0
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### Dimensions

Product dimensions (WxDxH)	45 x 175 x 32 mm
Product weight (g)	200 - 210 g
Cable length	250 cm

### System Requirements

DVD-ROM drive	Yes
Hard disk space	250 MB / 30 MB
Operating System	Windows 8/7/Vista, Mac OS
Processor	Intel Pentium 4, 1.0 GHz
RAM memory	1 GB (2 GB recommended)
USB	Free USB port
Compatible with	Citrix, Windows Terminal S.
Video card	DirectX-compliant graphics

### Audio recording

Characteristic	uni-directional
Frequency response	200 – 12 000 Hz

Microphone capsule	10 mm
Microphone type	electret condenser microphone
Sensitivity	-37 dBV
Signal-to-noise ratio	> 70 dBA

### Barcode scanner (LFH3600/3610)

Compatible bar codes	EAN, UPC, Codabar, MSI, etc
Laser class	class 1 laser product

### Design and finishing

Color(s)	Dark grey pearl metallic
Materials	antimicrobial housing

### Green specifications

Compliant to 2002/95/EC (RoHS)	2002/95/EC (RoHS)
Lead-free soldered product	yes

### Operating conditions

Temperature	5° – 45° C / 41° – 113° F
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## SpeechMike Premium

### Package contents

CD-ROM with software	yes
Microphone holder	yes
Quick start guide	yes
SpeechMike Premium	yes
USB cable (linked with device)	yes

### Sound

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



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