SpeechMike Premium

PRECISION MICROPHONE

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SPEECHMIKE
PREMIUM

THE MOST PROFESSIONAL DICTATION MICROPHONE EVER

Listening to the feedback of our partners and professional users has made the Philips SpeechMike the accepted standard for digital desktop dictation – in both small offices and large organizations operating around the globe. For the development of the SpeechMike Premium, Philips used this feedback to release a device that is unprecedented in both sound quality and ease-of-use, positioning the SpeechMike Premium at the forefront of professional digital dictation. With the latest generation SpeechMike already being vastly superior, 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, antimicrobial surface or the world's first motion sensor in a stationary digital dictation device – the SpeechMike Premium sets the new standard. The housing of the new SpeechMike Premium comes with a polished premium finish and pearl grey metallic look – reducing fingerprints and unwanted touch noises. On top of that, the SpeechMike Premium is backwards-compatible with its predecessor – for easy plug & play integration in existing systems.

#1

From the no. 1
in professional dictation

PRECISION MICROPHONE
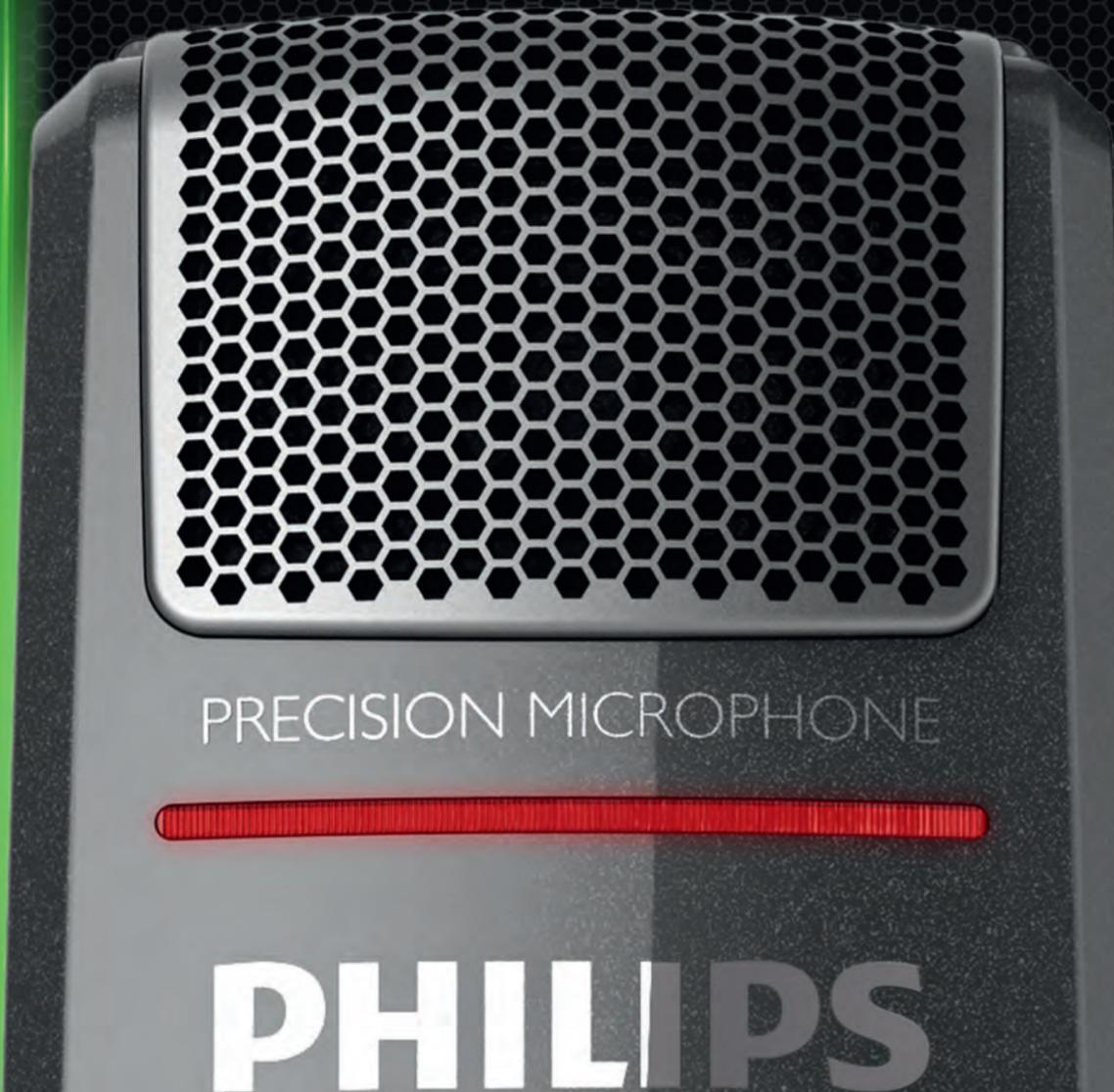
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The Philips SpeechMike Premium sets the standard for digital desktop dictation – in every possible way. With breakthrough technologies such as the free-floating studio quality Precision Microphone and the hexagonal grille around it, offering 10 percent more open space than round holes.

Philips re-invents stationary dictation with a free-floating studio quality Precision Microphone for best speech recognition results ever to be delivered in a desktop microphone

FREE-FLOATING, DECOUPLED 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.

METAL MICROPHONE GRILLE WITH OPTIMIZED STRUCTURE

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.

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.

FREE-FLOATING, DECOUPLED MICROPHONE

INTEGRATED POP-FILTER

PRECISION MICROPHONE

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METAL MICROPHONE GRILLE WITH OPTIMIZED STRUCTURE

FREE-FLOATING, DECOUPLED MICROPHONE

SPEECHMIKE PREMIUM
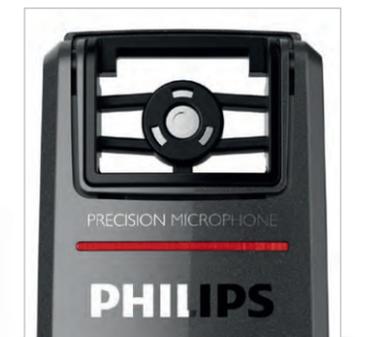
The Philips SpeechMike Premium was engineered to perfectly fit the human hand – not only on the front cover but also and equally important on the rear housing of the device. Every button is positioned and shaped to allow blind operation of the device and all its features which can dramatically reduce document turnaround times.

OPTIMIZED CONTROL PANEL WITH TACTILE BUTTONS AND ERGONOMIC ZONES DESIGN

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 non-fatiguing 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.

ERGONOMICALLY SHAPED REAR HOUSING WITH COMMAND KEY

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.

A POLISHED, PEARL METAL COLOURED HOUSING REDUCES FINGERPRINTS AND UNWANTED NOISES

The housing of the new SpeechMike Premium is made of high-class polymers. The cabinet is endued 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.

UP TO 60 CM / 23 INCHES BARCODE SCANNING*

Link client or patient data to a recorded file simply by scanning a bar code. 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. The device can even be configured to automatically place scanned codes into the correct fields without having to move your mouse cursor. With the SpeechMike Premium, it is possible to scan barcodes from up to 60 cm / 23 inches away. This is twice as far as the predecessor could reach.

ANTIMICROBIAL HOUSING AND BUTTONS

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), 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.

*SpeechMike Premium Barcode devices only

Reinventing the number one device in digital desktop dictation takes experience, entrepreneurial spirit, hunger for innovation and the will to deliver the best possible product for the end-user. In the Philips SpeechMike Premium we integrated new technologies like a motion sensor while being fully backwards compatible to older versions of the device.

Best-in-class ergonomics for extra comfortable fit in the human hand

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.

LASER-SCANNED, SELF-CLEANING STAINLESS STEEL TRACKBALL

The SpeechMike Premium includes a built-in high-precision 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.

DRAG AND DROP ENABLED CLICKABLE TRACKBALL

The SpeechMike Premium trackball allows the user to click a double click as well as use it to drag and drop on their desktops. In playback mode, the trackball even works as volume control. Philips SpeechMikes are the only desktop dictation devices that offer this rich and versatile functionality.

NEW FREELY CONFIGURABLE INSTRUCTION KEY

The Philips SpeechMike Premium is the most advanced dictation microphone to date – and to give the user even more room to personalize their devices, Philips has added an instruction key at the top of the control panel – of course fully and freely user configurable, especially useful for programming speech recognition commands.

COMFORTABLE ONE-THUMB OPERATION OF ALL DICTATION FEATURES WITH PROGRAMMABLE INSTRUCTION KEY

CONTROL YOUR COMPUTER AND APPLICATIONS WITH THE INTEGRATED STAINLESS STEEL TRACKBALL

4 PROGRAMMABLE FUNCTION KEYS FOR PERSONALIZED WORKING

DETACHABLE CABLE

ERGONOMICALLY SHAPED BODY

AVAILABLE VERSIONS

PUSH-BUTTON OPERATION
LFH3500

SLIDE-SWITCH OPERATION
LFH3510

INTEGRATED BARCODE SCANNER WTH PUSH-BUTTON/ SLIDE-SWITCH OPERATION
LFH3600/3610

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.

SMART, BACKWARDS COMPATIBLE FIRMWARE

One of the biggest advantages of the SpeechMike Premium is that it is fully backwards compatible. Customers can upgrade from their previous 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 can be configured with the Philips Remote Device Management software and SpeechControl, works with SpeechExec workflow software and even includes a compatibility mode for the second generation of SpeechMikes.

WEAR-FREE METALIZED SLIDER WITH ERGONOMIC SURFACE

The SpeechMike Premium with slide-switch comes with not just any normal slider. The slider is ergonomically shaped with a softly ribbed surface for an incredibly smooth tactile feedback and comfortable utilization, even for hours. In addition, our engineers implemented a millionfold proven contactless slider detection, making it completely wear-free for an extra-long lifetime.

MAC AND WINDOWS COMPATIBLE

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.
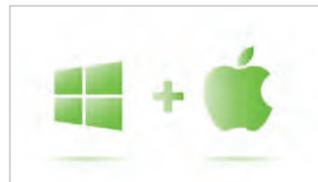
FOUR CONFIGURABLE FUNCTION BUTTONS

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.

FREQUENTLY ASKED QUESTIONS

WHAT MAKES THE NEW SPEECHMIKE SO OUTSTANDING?

• It is engineered to filter background and touch noise for the best recording quality in a desktop dictation device ever. This is especially useful in noisy environments where several people are dictating simultaneously.

• The unique free-floating microphone with its excellent signal-to-noise ratio records voice natural and crystal clear, which guarantees best speech recognition results and happy typists.

• Best-in-class ergonomics with optimized control panel for blind operation and enhanced button shape to have the most comfortable fit in the human hand.

WHY DID PHILIPS INTEGRATE THE MOTION-CONTROL FEATURE?

• Based on market research and decades of experience, we develop features that are beneficial to our end-users. Fully concentrated on their dictations, users forget to stop the recording when they are interrupted by a phone call or their assistant. They put the SpeechMike back on the table and don't realize that the recording is still ongoing. With motion control, the users can be sure that when they put the device aside, recording will pause, and when they pick it back up, it will start recording again.

WHY DOES THE SPEECHMIKE PREMIUM HAVE A BIG, METAL MICROPHONE GRILLE?

• In order to achieve a studio-like recording quality, the metal grille is designed with three times more open surface than its predecessors. Recordings sound clearer and more natural.

• An integrated pop filter avoids distortion when closely talking into the microphone.

WHY DOES THE NEW SPEECHMIKE PREMIUM FEATURE AN ANTIMICROBIAL HOUSING?

• Especially in a medical environment, bacteria is always an issue. The housing and buttons of the SpeechMike Premium are made of polymers with antimicrobial additives, guarding it against all kinds of germs for at least five years.

IS THE SPEECHMIKE PREMIUM BACKWARDS COMPATIBLE TO SPEECHMIKE THIRD AND SECOND GENERATION?

• Yes, it is fully backwards compatible to the third generation and includes a compatibility mode for the second generation.

DO I NEED TO INSTALL NEW DRIVERS?

• No, you do not need new drivers if you want to keep using the features of the previous model. However, if you would like to take advantage of new SpeechMike Premium features such as motion control, you will need to update to our latest drivers.

DOES THE SPEECHMIKE PREMIUM SUPPORT SCROLL FUNCTIONALITY?

• Yes. Function keys can be optionally configured to add scroll functionality.

WHICH FUNCTIONS DOES THE TRACKBALL OFFER?

• The stainless steel trackball supports drag & drop, pick & drop, left mouse button functionality as well as volume control when in playback mode.

IS THE TRACKBALL SELF CLEANING AND CAN THE TRACKBALL BE CLEANED BY THE USER?

• Yes. The trackball housing includes a dirt skimmer to clean the trackball during utilization. Additionally the user can disassemble the trackball to clean the lens of the laser sensor – if ever required.

WHICH OPERATING SYSTEMS IS THE SPEECHMIKE PREMIUM COMPATIBLE WITH?

• The SpeechMike Premium is compatible with both Windows and Mac as well as with virtual environments, such as Citrix and Windows Terminal Server.

SPECIFICATIONS

CONNECTIVITY
• USB: Highspeed USB 2.0

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

BARCODE SCANNER (LFH3600/3610)
• Compatible bar codes: EAN, UPC, Code 11 / 39 / 93 / 128, Codabar, MSI Code, RSS, Interleaved 2 of 5, Discrete 2 of 5
• Laser class: class 1 laser product

SYSTEM REQUIREMENTS
• Processor: Intel Pentium 4, 1.0 GHz or equivalent processor
• RAM memory: 1 GB (2 GB recommended)
• Hard disk space: 250 MB hard-disk space for Microsoft.Net Framework, 30 MB for SpeechControl software
• Operating system: Windows 8/7/Vista (32/64 bit),
• Windows XP (32 bit), Mac OS X 10.8/10.7
• Free USB port
• CD-ROM drive
• Graphics card: DirectX-compliant graphics card wit hardware acceleration recommended
• Compatible with Citrix and Windows Terminal
• Server environments

GREEN SPECIFICATIONS
• Compliant to 2002/95/EC (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 inch
• Weight: 0.200 kg / 0.441 lbs (LFH3500, LFH3510), 0.210 kg / 0.463 lbs (LFH3600, LFH3610) – including cable
• Cable length: 2.5 m / 8.2 ft

DESIGN AND FINISHING
• Material: housing made of high-class polymers with antimicrobial additive
• Color: dark grey pearl metallic

PACKAGE CONTENTS
• SpeechMike Premium USB dictation microphone
• USB cable (connected to device)
• Microphone holder
• CD-ROM containing software and user manual
• Quick start guide

DRAGON
SPEECH RECOGNITION
★ ★ ★ ★ ★
CERTIFIED BY NUANCE
HIGHEST RATING

PHILIPS

www.philips.com/dictation