PHILIPS

SpeechAir

Smart voice recorder

Digital

Wi-Fi

3 microphones

Slide-switch operation

PSP1000 series

Smart recording on the go

with Wi-Fi and three professional microphones

The SpeechAir smart voice recorder saves you time and resources by allowing you to work more flexibly than ever before. Integrated Wi-Fi functionality facilitates quick file download from any network. Recordings are encrypted in real time for maximum data security. The device also features three microphones dedicated to outstanding voice recording quality.

Superior audio quality and design
- Three dedicated microphones for optimized voice recording
- Large speaker for crystal clear audio playback
- Gorilla glass touch screen and shockproof, antimicrobial housing for durability
- Wear-free slide switch and function key for ultimate usability

Enhanced productivity
- Wi-Fi, LAN, Bluetooth, USB and VoIP to stay connected anywhere you go
- Barcode scanner and camera for quick file association
- Docking station for fast battery charging

Designed for professionals
- Philips dictation recorder app with professional dictation features
- File encryption for maximum data security
- Dictation software for an efficient workflow
- Optional remote administration for hassle-free central administration

Build your own solution
- Software development kit (SDK) for SpeechAir customized app creation
- Hardware SDK for seamless integration into your own workflow solution
- Android OS for intuitive use and app installation

No1
In professional dictation

No 1 in SPS global customer satisfaction survey 09/2015.

Highlights

Three professional microphones

Three professional microphones deliver ultimate sound quality in any recording situation. The 360° microphone is ideal for recording dictations and meetings. The direction microphone is best suited for noisy environments. For VoIP telephony the SpeechAir uses a dedicated microphone.

Large speaker

The large speaker allows you to playback your recordings in crystal-clear audio quality.

Gorilla glass and antimicrobial housing

Gorilla glass makes the device scratch and shock resistant. The device is shockproof according to US military standard 516.6. The housing is made of antimicrobial synthetics. These materials work against bacteria and various microorganisms to ensure hygienic working.

Wear-free slide switch

The ergonomic and wear-free slide switch is designed for efficient single-handed operation without having to look down at the device. It allows for quick and easy dictation handling (play, pause, stop, fast forward, fast rewind). A customizable function key above the slider gives quick access to the dictation app.

Wi-Fi, LAN, USB and Bluetooth

Save time by transferring your finished recordings wirelessly to your transcription staff and directly access patient or client data. Use Wi-Fi for VoIP calls and access your emails and calendar. Use Bluetooth to send and receive data or to connect external speakers.

Barcode scanner and camera

The camera allows you to conveniently attach photos supporting your dictations. It can also be used as an integrated barcode scanner linking patient and client data to a recording.

Docking station

The docking station with an anti-theft system (Kensington lock) automatically transfers all your recordings to your computer and quickly re-charges your device. The LAN connection allows you to transfer your files directly from the docking station without a computer.

Philips Dictation app

The integrated recorder app comes with professional dictation features such as editing modes, priority, EOL flag, enhanced data and dictation list as well as sending options (to network folder, Philips SpeechLive services or email recipients).

Remote administration

Optional remote administration using Philips Remote Device Management software allows IT administrators to manage, configure and update dictation hardware centrally, saving valuable time and resources.

Highlights
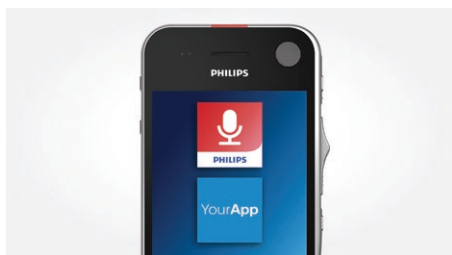
Maximum data security

Recordings are encrypted in real time using the Advanced Encryption Standard (AES) 256bit, which has been approved in the USA for the most highly classified government information. A PIN code protects the device against unauthorized use. Settings can be locked, for instance connection to Wi-Fi networks can be restricted.

Dictation workflow

SpeechAir also comes with Philips SpeechExec Pro Dictate software for an efficient and streamlined offline office workflow (PSP1200). The Philips SpeechLive service transfers your dictation workflow to the cloud and features online speech recognition and a transcription service. (www.speechlive.com)

Software development kit (SDK)

The software development kit (SDK) allows you to customize your existing app to use the different microphones, speakers, slide switch, function key, microphone sensitivity and LED.

Hardware SDK

The Hardware SDK allows the integration of SpeechAir into other workflow solutions, such as hospital information systems (HIS) or law practice management software. This allows for example access to patient and client data directly on your SpeechAir to achieve a smother workflow.

Android operating system

Android is a secure and intuitive operating system which allows you to install apps on your SpeechAir and have all important applications on one single device.

Specifications

Device

Slide switch type: International slide switch (record/stop/play/rewind)

CPU: Dual Core Cortex-A9 1.6 GHz

RAM: 1 GB DDR3

Internal memory: 16 GB (12 GB available)

Operating system: Android 4.4.2

Color: dark grey pearl metallic and chrome frame

Sensors: light sensor, motion sensor, optical proximity sensor

Vibration module

Antimicrobial surface

Customizable function button

Dimensions

Product dimensions (W × D × H): 62 × 127 × 15 mm / 2.4 × 5.0 × 0.6 inches

Weight: 160 g / 5.6 oz

Connectivity

Headphones: 3.5 mm / 1.4 inches

Microphone: 3.5 mm / 1.4 inches

USB: micro USB 2.0

Wi-Fi: IEEE 802.11 a/b/g/n

Bluetooth: 4.0

Docking station connector

Display

Type: IPS with 16 million colors

Screen type: scratch resistant Gorilla glass touch screen

Diagonal screen size: 10.16 cm / 4 inches

Resolution: 480 × 800 pixels

Audio (supported by operating system)

Recording format: AMR, ACC

Playback format: MPEG (MP1, MP2, MP3), WMA, WAV, APE, OGG (OGG, OGA), FLAC, AAC (AAC, M4A)

Microphones

Directional microphone: for speech recognition

360° microphone: for meetings and dictation

MEMS microphone: for VoIP telephony

Philips dictation recorder app

Recording modes: DSS Pro (DS2/mono), PCM Voice (WAV/mono)

Bit rate: 28 kbit/s (DSS Pro), 256 kbit/s (PCM Voice)

Edit modes: insert, overwrite, append

Recording time: 1073 hours (DS2), 117 hours (WAV)

Sample rate: 16 kHz / 16 bit

Supported barcodes: Code 39, Code 93, Codabar, Code128, Code 25, Code 11, MSI-Plessey, EAN, UPC, QR code, Data Matrix

Speakers

Speaker type: built-in rectangular dynamic speaker

Dimensions front speaker: 6 × 12 mm / 0.2 × 0.5 inches

Dimensions rear speaker: 11 × 15 mm / 0.4 × 0.6 inches

Camera

Resolution: 5 Megapixels

Autofocus

Flash

Image formats (supported by operating system): JPG, JPEG, BMP, GIF, PNG

Video recording formats (supported by operating system): H.264 / AVC (MOV, 3GP) up to 1920 × 1088 pixels (30fps)

Video playback formats (supported by operating system): MPEG-1/2 (DAT, MPG, VOB, TS) up to 1920 × 1088 pixels (30 fps), MPEG4 (AVI, MKV, MP4, MOV, 3GP) up to 1920 × 1088 pixels (30 fps), DIVX (AVI, MKV, MP4, MOV, 3GP) up to 1920 × 1088 pixels (30 fps), Real Media (RM, RMVB) up to 1920 × 1088 pixels (30 fps), H.264 (AVI, MKV, MP4, MOV, 3GP, TS, FLV) up to 1920 × 1088 pixels (30 fps), MVC H.264 (AVI, MOV) up to 1920 × 1088 pixels (60 fps), VP8 (WEBM) up to 1920 × 1088 pixels (30 fps), VC-1 (WMV, ASF, TS, MKV, AVI) up to 1920 × 1088 pixels (30 fps), H.263 (3GP, MOV, MP4) up to 704 × 576 pixels (30 fps), Sorensen Spark (FLV) up to 1920 × 1088 pixels (30 fps), ON2 VP6 (AVI, FLV) up to 1920 × 1088 pixels (30 fps), JPEG (AVI, MOV) up to 1920 × 1088 pixels (30 fps)

Power

Battery type: built-in rechargeable Li-ion battery

Battery capacity: 2700 mAh

Battery lifetime: up to 12 hours of recording (DSS QP mode)

Standby time: up to 97 hours

Charging time (full charge): approx. 3 hours

Docking station

Product dimensions (W × D × H): 82 × 77 × 56 mm / 3.2 × 3.0 × 2.2 inches

Weight: 264 g / 9.3 oz

LAN connection

Kensington lock

Removable magnetic inlay for use with case

Green specifications

Compliant to 2011/65/EU (RoHS)

Operation conditions

Temperature: 5° − 45° C / 41° − 113° F

Humidity: 10 % − 90 %, noncondensing

Security

Real-time file encryption

Encryption standard (Philips dictation recorder app): Advanced Encryption Standard (AES) 256 bits

Device lock with PIN code or password

Configurable security settings with Software Development Kit (SDK) or configuration software

Lockable settings

Package contents

SpeechAir smart voice recorder

Docking station

In-ear headphones

2 USB cables

Power supply with international adapters: US, UK, Europe, Asia Pacific

USB stick containing user manual

SpeechExec Pro Dictate dictation software (PSP1200)

SpeechExec Pro dictation and speech recognition software (PSE1200)

Philips SpeechAir management software

Quick start guide

reddot award 2016 winner

SPEECHLIVE CERTIFIED

asimpleswitch.com

Dragon Certified

...dss... DIGITAL SPEECH STANDARD

Specifications

System requirements for Philips SpeechExec 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: 100 MB for SpeechExec 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)

Graphics: DirectX-compliant graphics card with hardware acceleration recommended

Sound: Windows-compatible sound device

Browser: Internet Explorer 9 or higher, or the current version of Chrome or Firefox

Free USB port

Internet connection for required software activation

Additional system requirements for speech recognition software

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

Processor: Intel dual core or equivalent AMD processor, 2.2 GHz or faster processor

RAM: 4 GB (32 bit)/8 GB (64 bit)

Hard-disk space: 8 GB

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)

Available accessories (optional)

Philips SpeechAir case ACC1120

Philips telephone pickup microphone LFH9162

Philips meeting microphone LFH9172
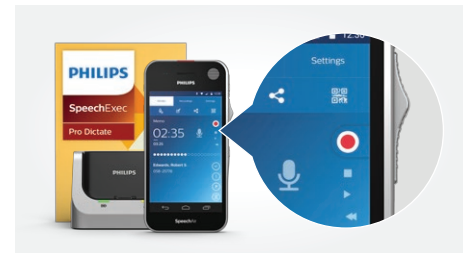
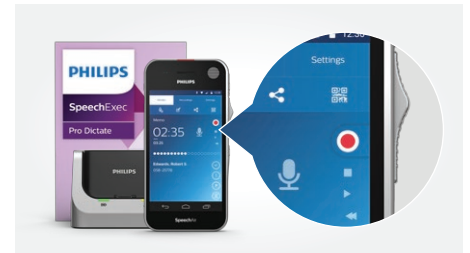Philips SDK for dictation hardware LFH7475

Versions

PSP1100

SpeechAir smart voice recorder

PSP1200

SpeechAir smart voice recorder
SpeechExec Pro dictation software

PSE1200

SpeechAir smart voice recorder
SpeechExec Pro dictation and speech recognition software

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Version 1.0

www.philips.com/dictation