



# SDW 5016

## Meet the Future Prepared

SDW 5016 is a wireless DECT headset system for modern office professionals, providing future-proof device flexibility, next generation communication quality and advanced security to modern work environments. SDW 5016 meets the challenges of evolving modern workplaces by providing a communication tool that lives up to users' expectations for multi-device usability, security and seamless customer interaction.

Modern office workers require mobility in the office and the ability to hold ad hoc collaborative meetings. Using multiple devices and often sitting at different desks, today's knowledge workers demand a flexible, personal communication solution that simply works. SDW 5016 helps them meet the future prepared with the ultimate business communication tool.

- **Total Flexibility:**  
A hub for all your people, audio sources and headsets
- **Superior Sound:**  
Natural, rich sound with super wideband audio
- **Higher Productivity:**  
Busy light and advanced collaboration features
- **Enhanced Security:**  
With Protected Pairing and DECT Security certification

### Total flexibility

Answer all calls from a single device. With up to triple connectivity for softphone/PC, desk phone and mobile devices, the SDW 5016 allows users to choose their own constellations using the base station as a gateway to their preferred audio sources. It's also possible to connect a wired Sennheiser headset/speakerphone or a Bluetooth® headset using the USB port on the base station. SDW 5016 offers a choice of three wearing styles to cover all wearing preferences – a headband, ear hook and neckband solution for the perfect customized fit.

### Superior sound

Successful communication is the key to an efficient business. The SDW 5000 Series sets a new sound standard and features super wideband sound offering a voice experience beyond conventional business standards. Hear conversational nuances and experience a natural and richer sound for both communication and multimedia. Two microphone noise-cancelling system and pioneering voice detection technology deliver exceptional sound for improved speech intelligibility in noisy environments. A new wideband mode for communication in high density environments provides excellent sound for more users.





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## Higher productivity

Seamless communication and collaboration keeps work flowing. SDW 5000 Series offers an array of smart features to enable this. Smart headset and base station controls deliver easy call management. The busy light on the headset helps users to remain undisturbed during calls and conferences. The cloud-based Sennheiser HeadSetup™ Pro Manager puts IT managers in control of all Sennheiser devices and manages assets, updates and configurations from one location. The SDW 5016 is UC optimized and certified for Skype for Business to maximize productivity.

## BENEFITS & FEATURES

- **Manage all calls from one headset** with triple connectivity to computer, desk and mobile phone
- **Maximum flexibility via the base station** – connect a Sennheiser Bluetooth® headset or a wired headset/speakerphone, according to your needs
- **Perfect customized fit** with the FlexFit™ system, offering 3 wearing style solutions. Choose between headband, ear hook or neckband
- **Super wideband sound** provides crisp and natural sound beyond conventional business standards
- **Exceptional speech intelligibility** with two microphone noise-cancelling system and pioneering voice detection technology
- **Excellent sound** in high density environments with high density wideband mode
- **Hearing protection** from acoustic shocks with Sennheiser ActiveGard® technology
- **Optimized for major UC brands and certified for Skype for Business**
- **Undisturbed calls** with a busy light on the headset. A busy light for the desk is available as an accessory.
- **Easy configuration and management** for IT managers with HeadSetup™ Pro Manager
- **Enhanced security** with Protected Pairing, 128 bit authentication and DECT Security certification to keep all conversations confidential
- **Long distance wireless range** – up to 180 m/ 590 ft with line of sight
- **Hot desking** with fast, secure headset pairing
- **Phone conferences** – easy setup of up to 4 SDW 5000 Series headsets with the same base station
- **Full workday of talk time** – up to 10 hours' narrowband
- **Fast charging** with 50 % battery in just 30 minutes

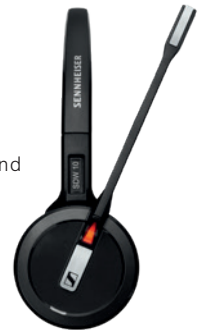
Learn more at [sennheiser.com/sdw5000](http://sennheiser.com/sdw5000)

## Enhanced security

Security is a primary concern for a company's IT manager. Peace of mind with the SDW 5016 that comes with advanced security protocols to ensure that all communication is kept confidential. The SDW 5000 Series is DECT Security certified\* and designed with special focus on secure pairing, the most vulnerable part of a wireless system. The authentication process uses 128 bit encryption keys and Protected Pairing ensures that sensitive pairing data cannot be intercepted over-the-air. Sennheiser HeadSetup™ Pro Manager allows the IT manager to disable Bluetooth, call merging and conferencing mode if required.



Headband



Ear hook



Neckband



\*DECT SECURITY is the trademark of DECT Forum. The trademark may only be applied to products with the written licence of DECT Forum.



# SDW 5016

## Product Data

### General Data

Product description	Wireless DECT headset with base station. Triple connectivity to desk phone, PC/softphone and mobile devices. UC optimized and Certified for Skype for Business.
Wearing style	Single-sided headset with three wearing styles - headband, ear hook and neckband
Weight	44 g / 1.55 oz. (Ear hook version) 58 g / 2.05 oz. (Headband version) 43 g / 1.52 oz. (Neckband version)
Ear pad size	ø 53 mm / 2.09 in.
Personalization	Yes with nameplate on headset

### Audio

Microphone	Digital MEMs microphones - two microphone noise-cancelling system for exceptional speech clarity
Microphone frequency range	150 Hz – 11 kHz (Super wideband) 150 Hz – 7.0 kHz (Wideband) 150 Hz – 3.5 kHz (Narrowband)
Speaker type	High-quality Neodymium Magnet Speaker for outstanding audio quality
Speaker frequency range	150 Hz – 11.5 kHz (Super wideband) 150 Hz – 6.8 kHz (Standard wideband and High density wideband) 300 Hz – 3.5 kHz (Narrowband) 20 Hz – 12 kHz (Ultra wideband - music mode) 20 Hz – 16 kHz (Fullband - music mode)

### Technical Data

DECT	1.880 to 1.900 MHz (EU, UK, AUS) 1.920 to 1.930 MHz (US)
GAP compatible	Yes (Headset)
Headset	Connects to base station
Base station	Connects to desk phone, softphone and mobile devices
BTD 800 USB dongle	For more information please see <a href="http://www.sennheiser.com/btd-800-usb">www.sennheiser.com/btd-800-usb</a>
USB-A port	Supports call handling with Sennheiser devices and smartphone charging
Temperature range	Operational: +5 °C to + 45 °C / +41 °F to +113 °F Storage: -20 °C to + 70 °C / -4 °F to +158 °F
Battery (Lithium Polymer)	Exchangeable by service (See User manual "How to replace the battery")
Range	Line of sight: 180 m / 590 ft Typical office building: 55 m / 180 ft
Automatic power adjustment	Yes (distance between headset and base)



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## Product Data

### Technical Data

Talk time	Up to 10 hours (Narrowband) Up to 7 hours (Density optimized wideband) Up to 8 hours (Talk time optimized wideband) Up to 6 hours (Super wideband)
Listen time (music mode)	Up to 7 hours (Ultra wideband) Up to 7 hours (Fullband)
Standby time	Up to 48 hours
Auto sleep mode when out of range	Yes, after 30 minutes
Charge time	0 - 50 %: 30 minutes 0 - 100 %: 1 hour
Warranty	2 years

### Hearing Protection

ActiveGard® Technology	Protect users against acoustic injury caused by sudden sound burst on the line
EU*/AUS Limiter depending on regional variant	Activation by dip switch, HeadSetup™ Pro and HeadSetup™ Pro Manager.

### Security

Pairing intrusion protection	Protected Pairing
Certification	DECT Security certified

### Content of delivery

What's in the box	<ul style="list-style-type: none"><li>- Base station</li><li>- Headset</li><li>- Headband</li><li>- Wearing style adapter with pre-mounted earhook, earbud (M) and cheek spacer</li><li>- Ear hook stabilizer</li><li>- Neckband</li><li>- Extra earbuds (S, L)</li><li>- BTD 800 USB dongle</li><li>- USB cable</li><li>- Power supply</li><li>- Audio phone cable</li><li>- Printed quick guides (headset and base station)</li><li>- Printed safety guide</li><li>- Printed compliance sheet</li></ul>
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\*Noise At Work: The EU's „Noise At Work Directive“ (2003/10/EC) sets limits for two types of noise in the workplace: Acoustic burst and Sustained Noise.



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## Product Data

### Software

Sennheiser HeadSetup™ Pro (Freeware)	Remote call control, firmware updates and settings: <a href="http://www.sennheiser.com/software">www.sennheiser.com/software</a>
PC Software (Freeware)	For other relevant PC software, please check: <a href="http://www.sennheiser.com/software">www.sennheiser.com/software</a>
Sennheiser HeadSetup™ Pro Manager (Saas)	Manage, update and configure your Sennheiser audio devices from one location: <a href="http://www.sennheiser.com/headsetup-pro-manager">www.sennheiser.com/headsetup-pro-manager</a>

For information about accessories and spare parts go to: [sennheiser.com/sdw5000](http://sennheiser.com/sdw5000)

## Product Overview

Connects to	Article no.	Product Name	EAN Code	UPC Code	Unified Communications
Desk phone, PC/Softphone, Mobile devices 	507014	SDW 5016 - EU	4044155211276	615104275898	Optimized for UC and Certified for Skype for Business
	507015	SDW 5016 - UK	4044155211283	615104275904	
	507016	SDW 5016 - US	4044155211290	615104275911	
	507017	SDW 5016 - AUS	4044155211306	615104275928	