



# SpeechLine Digital Wireless SL Handheld DW

## FEATURES

- Automatic frequency and interference management
- Speech optimized condenser microphone capsule
- Clear and easy focused user interface
- Long operation time (up to 15 hours)
- Advanced power management and Li-Ion rechargeables
- Secure 256 bit AES encryption
- Remote controllable



The sleek but robust SL Handheld DW is optimized for speech in presentations or lectures where every word matters. Thanks to bi-directional communication between transmitter and receiver, no settings need to be adjusted on the transmitter. The automatic frequency and interference management allows convenient and reliable operation. The LC display provides the link name, battery status and reception quality. The ergonomically positioned mute-slider makes the use of the microphone very convenient. The SL Handheld DW comes with a rechargeable Li-Ion battery with external charging contacts - for easy charging with the CHG 2 - and a USB socket.

## SPECIFICATIONS

### System

AF frequency response	20 to 20,000 Hz
Dynamic range	> 120 dB(A)
THD (1 kHz)	typ. 0.1 %
Audio sampling	24 bit/48 kHz
Signal-to-noise ratio	> 90 dB(A)
Encryption	AES 256
RF frequency ranges	EU: 1,880 to 1,900 MHz USA: 1,920 to 1,930 MHz Brazil: 1,910 to 1,920 MHz Taiwan: 1,880 to 1,895 MHz Japan: 1,893 to 1,906 MHz
Modulation	GFSK with back channel
Transmission method	TDMA, space diversity
Latency	19 ms
Relative air humidity	max. 95 %
Temperature range*	Operation: -10 °C to 55 °C (14 °F to 131 °F) Storage: -20 °C to 70 °C (-4 °F to 158 °F)

\* The temperature range is influenced by the battery characteristics

### SL Handheld DW

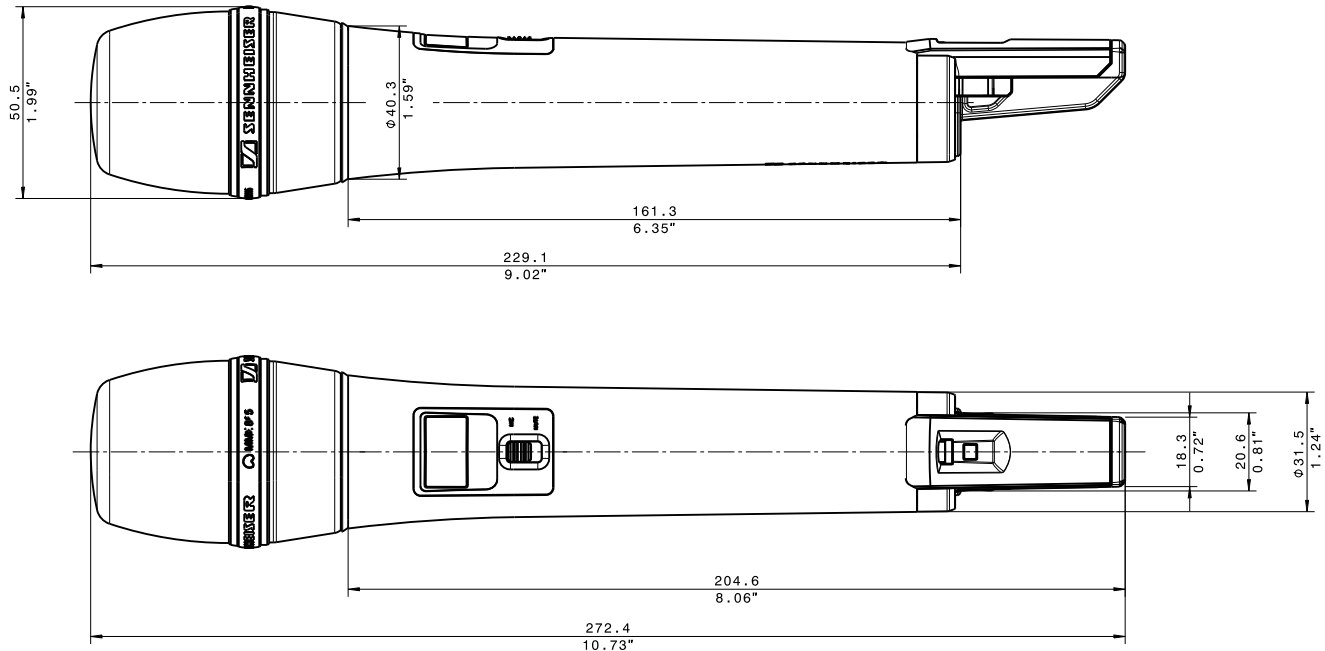
RF output power	adaptive, up to 250 mW (country-specific)	
AF frequency response	50 to 20,000 Hz	
Input sensitivity	automatic sensitivity adjustment	
Power supply	Rechargeable battery:	BA 10 (Li-Ion, 3.6 V)
	Batteries**:	2 x AA size battery (1.5 V)
Operating time	Accupack:	typ. 15 h
	Batteries**:	typ. 10 h
Display	LCD	
Mute switch	available	
Weight (w/o accupack)	approx. 262 g incl. microphone head	

\*\* optional accessory



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## DIMENSIONS



## ARCHITECT'S SPECIFICATION

The handheld transmitter shall be for use with a companion receiver as part of a wireless RF transmission system and shall operate in the license-free 1.9 GHz band (frequency ranges shall be from 1,880 to 1,930 MHz, depending on country-specific regulations).

The transmitter shall be equipped with a mute switch (deactivatable via the receiver's user interface) and shall feature an LC display showing the name of the wireless link, battery status, RF output power, and reception quality.

The AF frequency response shall range from 50 – 20,000 Hz. The dynamic range shall be > 120 dB(A). Total harmonic distortion (THD) at 1 kHz shall be typical 0.1 %. Signal-to-noise ratio shall be > 90 dB(A). RF output power shall be adaptive and up to 250 mW (country-specific). The transmitter shall have automatic sensitivity adjustment.

The transmitter shall be powered by either one Sennheiser Lithium-Ion rechargeable accupack with a typical operating time of 15 hours or with an optional battery case for two 1.5 V AA size batteries.

Dimensions shall be approximately 40 mm (1.57") in diameter and 215 mm (8.46") in length. Weight (with microphone head, without accupack) shall be approximately 262 grams (9.24 oz). Operating temperature shall range from -10 °C to +55 °C (+14 °F to +131 °F).

The handheld transmitter shall be the Sennheiser SL Handheld DW.

The microphone head suitable for use with the handheld transmitter shall be a condenser type with a super-cardioid pick-up pattern and a sensitivity of 1.6 mV/Pa. Maximum sound pressure level shall be 152 dB SPL.

The microphone head shall be the Sennheiser MME 865-1.



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## PRODUCT VARIANTS

SL HANDHELD DW-3-EU Art. No. 505884 without microphone capsule <b>-3 EU variant</b> 1,880 to 1,900 MHz <b>Europe &amp; UK</b> <b>India, Indonesia</b> <b>Hong Kong, Singapore</b> <b>Malaysia, Australia</b>	SL HANDHELD 865 DW-3-EU Art. No. 505885 with e865 microphone capsule <b>-3 EU variant</b> 1,880 to 1,900 MHz <b>Europe &amp; UK</b> <b>India, Indonesia</b> <b>Hong Kong, Singapore</b> <b>Malaysia, Australia</b>	SL HANDHELD DW-4-US Art. No. 505902 without microphone capsule <b>-4 US variant</b> 1,920 to 1,930 MHz <b>USA, Canada</b> <b>Latin America</b>	SL HANDHELD 865 DW-4-US Art. No. 505901 with e865 microphone capsule <b>-4 US variant</b> 1,920 to 1,930 MHz <b>USA, Canada</b> <b>Latin America</b>
SL HANDHELD DW-5-US Art. No. 505922 without microphone capsule <b>-5 US variant</b> 1,893 to 1,906 MHz <b>Japan</b>	SL HANDHELD 865 DW-5-US Art. No. 505921 with e865 microphone capsule <b>-5 US variant</b> 1,880 to 1,900 MHz <b>Japan</b>	SL HANDHELD DW-6-US Art. No. 505912 without microphone capsule <b>-6 US variant</b> 1,880 to 1,895 MHz <b>Taiwan</b>	SL HANDHELD 865 DW-6-US Art. No. 505911 with e865 microphone capsule <b>-6 US variant</b> 1,880 to 1,895 MHz <b>Taiwan</b>
SL HANDHELD DW-7-BR Art. No. 506705 without microphone capsule <b>-7 BR variant</b> 1,910 to 1,920 MHz <b>Brazil</b>	SL HANDHELD 865 DW-7-BR Art. No. 506706 with e865 microphone capsule <b>-7 BR variant</b> 1,910 to 1,920 MHz <b>Brazil</b>		

## ACCESSORIES

<b>CHG 2 EU</b>	Charger	Art. No. 505980	<b>NT 5-10U EU</b>	USB DC Adapter	Art. No. 555085
<b>CHG 2 UK</b>	Charger	Art. No. 506218	<b>NT 5-10U UK</b>	USB DC Adapter	Art. No. 555086
<b>CHG 2 US</b>	Charger	Art. No. 506219	<b>NT 5-10U US</b>	USB DC Adapter	Art. No. 555087
<b>CHG 2 AU</b>	Charger	Art. No. 506220	<b>NT 5-10U AU</b>	USB DC Adapter	Art. No. 555088
<b>CHG 4N EU</b>	Charger	Art. No. 506800	<b>BA 10</b>	Accupack	Art. No. 505972
<b>CHG 4N UK</b>	Charger	Art. No. 506801			
<b>CHG 4N US</b>	Charger	Art. No. 506802			
<b>CHG 4N AU</b>	Charger	Art. No. 506803			