



# Technical Data Tek Connect

## Description

- Remote control for Tek ready hearing instruments
- Connection to Bluetooth enabled phones with Headset / Hands free Bluetooth profiles
- Wireless connectivity to the Tek Transmitter
- Direct connectivity to MP3-Players

## Features

- Bluetooth version 1.2
- Stereo audio streaming with Advanced Audio Distribution Profile (A2DP) with SBC codec and additional vendor specific codec (latency < 65ms)
- Lithium ion cell with associated electronics to ensure safe operation of the battery
- OLED display for status information

## Accessories

- Original power supply for charging
- Tek Transmitter, for wireless connectivity to tv or stereo systems
- Cable and adapter set
- Security lanyard

## Data Sheet

[www.siemens.com/hearing](http://www.siemens.com/hearing)

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## Tek Connect · Technical Data

Tek Connect specifications	
Size	92 x 55 x 19mm
Weight	81g
<b>Operation time</b>	
Audio transmission	6 hours
Connected to cell phone, depending on phone	100-200 hours
Standby without use ,no cell phone paired	Up to 1 year
<b>Operating temperature</b>	
Charge	0°C...+45°C
Discharge	-20°C...+60°C
<b>Display type</b>	OLED – self luminous 96x64 pixel
<b>USB-connection</b>	Mini USB-Type B; USB 1.1 connection for special power supply
<b>Audio input signal level</b>	1Vpp (max)

Battery specifications	
Nominal voltage	3.7V
Nominal capacity	1000mAh at 23°C
Battery Life cycle	Minimum of 75% of initial capacity after 500 cycles.
<b>Charging</b>	With original power supply the battery is charged with 500mA if in temperature range. If out of temperature range battery will not be charged (Security circuit).
Charging time	4 hours

Compliance	
RoHS	yes

Transmission data	
<b>Field strength magnetic link</b>	
EN300330, short range device	-24.1dBuA/m at 10m
CFR Part SUBCLAUSE § 15.223 (a) RSS 210, Issue 7, 2.6	-6.2dbuV/m at 30m
Sending frequency	3.28MHz
<b>Sending power Bluetooth</b>	
Max. power radiated:	-2.29 dBm (EIRP)
Max. power conducted:	-2.94 dBm
Transmission range hearing instruments	up to 1m
Transmission range Bluetooth	up to 10m
<b>Bluetooth profiles</b>	Headset profile Hands free profile Advanced Audio Distribution Profile (A2DP) with SBC and vendor specific Codec

Tek Transmitter specifications	
Size	50 x 33 x 11mm
Weight	20g
Operating temperature	0°C ...+45°C room temperature
Operation time	4 hours
Charging time	less than 3 hours

## Tek Connect · Order numbers

### Accessories

- Tek connect complete set  
(Tek Connect, Tek Transmitter, Power Supply Set, rechargeable battery, Accessory Set, Cable and Adapter Set)  
Order number: 104 172 68
- Tek Slip Case Set  
(Tek Connect, Tek Transmitter, rechargeable battery)  
Order number: 104 172 69
- Tek Connect programming cable  
Order number: 104 172 79
- Power Supply Set  
(Power supply for either Tek Connect, Tek Transmitter or ConnexxLink; 4 country-specified power outlet adapters)  
Order number: 104 172 70
- Cable Set  
Order number: 104 172 71
- Adapter Set  
Order number: 104 172 72
- Accessory Set  
(Lanyard and Velcro for Tek Transmitter)  
Order number: 104 172 73
- Rechargeable Battery  
Order number: 102 960 51

### Tek ready hearing instruments

- Motion 300, 500, and 700
- Explorer
- Life 300, 500 and 700
- Pure 300, 500 and 700

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice.

The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

Find the current issue of this document under:  
<http://factsandfigures.hearing-siemens.com>

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