



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

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Tek Connect · Technical Data

Tek Connect specifications	
Size	92 x 55 x 19mm
Weight	81g
Operation time	
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
Operating temperature	
Charge	0°C...+45°C
Discharge	-20°C...+60°C
Display type	OLED – self luminous 96x64 pixel
USB-connection	Mini USB-Type B; USB 1.1 connection for special power supply
Audio input signal level	1Vpp (max)

Transmission data	
Field strength magnetic link	
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
Sending power Bluetooth	
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
Bluetooth profiles	Headset profile Hands free profile Advanced Audio Distribution Profile (A2DP) with SBC and vendor specific Codec

Battery specifications	
Nominal voltage	3.7V
Nominal capacity	1000mAh at 23°C
Battery Life cycle	Minimum of 75% of initial capacity after 500 cycles.
Charging	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

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 ConnexLink; 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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