Phonak DECT CP1

Technical Data

Besides the normal acoustic presentation of the call, this cordless phone transmits the call directly and binaurally to wireless Phonak hearing instruments with high quality audio for the best possible speech understanding. DECT technology assures robust communication without risk of interference from other wireless data networks. The wireless compatibility includes all wireless Phonak hearing instruments of all platforms.

Description

Assistive listening features
- Automatically transmits a call directly to wireless Phonak hearing instruments with digital sound quality
- Instant demo option
- 1-click volume boost up to +15 dB
- Separate volume control buttons
- Vibrating call indication
- Hands-free option
- Also suitable for people without hearing instruments

Phone features
- Interference-free DECT (EU) and DECT 6.0 (US/CAN) standard (GAP and CAT-iq 2.0 compatible)
- Low radiation (Eco-mode)[1]
- Phone book with up to 200 entries in base and up to 100 entries per handset
- Caller identification (CLIP)
- Direct dial of one preferred phone number
- Voicemail direct dial
- Light indicator for missed calls
- Call history (outgoing/missed/accepted)
- Paging, intercom, auto answer
- Call hold, call transfer
- 4 individual alarm clocks

Personalization
- 12 ring tones
- Dedicated ring tone configuration per contact
- Two display color schemes
- Different menu languages

Delivery content

- Handset
- Base
- Universal power supply EU/US (110–240 VAC, 50/60 Hz)
- International phone cable RJ11/RJ11
- Phone plug adapter Switzerland
- Phone plug adapter Germany
- Removable handset belt clip
- Rechargeable battery (Li-Ion)

General information

Dimensions handset: (H x W x T)	13.5 x 5.0 x 2.7 cm (5.6 x 2.1 x 1.1")
Dimensions base: (H x W x T)	7.7 x 7.6 x 7.0 cm (3.2 x 3.2 x 2.9")
Weight handset: Weight base:	114 grams (0.25 lb) 84 grams (0.19 lb)
Color:	Silver/black
Operating conditions:	+5 °C to +45 °C / < 75% relative humidity (non condensing)
Storage and transportation conditions:	-20 °C to +60 °C / < 90% relative humidity (non condensing)

[1] Feature only available in the EU

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Power information

Power input:	DC, stabilized 5 V +/– 5% Max. current: 1000 mA
Standby current: **Important notice:**	< 0,5 W Only use the original Phonak charging unit
Battery:	Rechargeable Li-Ion Type: CE-MB206-5C-01 1100 mAh (typ.)
Operating time:	Up to 240 hours standby time Up to 20 hours talk time
Charging time:	4 hours (from empty battery)

Audio information

Speech bandwidth:	Receiver: 300 – 7000 Hz Speaker: 300 – 7000 Hz Full duplex
Ringtones:	5 volume steps or off 12 different ring tones
Handset volume:	5 volume steps Booster mode

Inputs and outputs

Phone connector pin assignment

1, 2	= Free
3	= R1
4	= T1
5, 6	= Free

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Inputs:	Analog phone port RJ11 (R1, T1) Power supply mini USB 26 keys Built-in microphone
Outputs:	Phonak wireless hearing instruments link TFT color display LED light indicator Ear level receiver Built in loudspeaker Vibrating alert 3.5 mm stereo headphone or headset[2] socket

[2] Headset with microphone must be compatible with Apple products.

Radio information

Phone

Compatibility:	DECT (EU version) DECT 6.0 (US/CAN version) GAP (handset supports CAT-iq 2.0)
Channels:	60 duplex, 1728 kHz
Frequency:	1880 – 1900 MHz (EU) 1920 – 1930 MHz (US/CAN)
Bitrate:	1152 kbit/s
Modulation:	GFSK
Transmission power:	10 mW, avg. power / channel
Max. handsets per base:	Up to 6
Operating range handset to base:	Indoors: up to 50 m (160 ft) Outdoors: up to 300 m (990 ft)
Dialing:	MFV tone dial

Wireless link to hearing instruments

Compatibility:	Wireless Phonak hearing instruments
Type:	Inductive HiBAN, FSK modulated
Operating frequency:	10.6 MHz
Occupied bandwidth:	570 kHz
Magnetic field strength:	< –34 dBµA/m at 10 m
Operating range handset to hearing instruments:	Up to 25 cm (10")

Standards

Europe	R&TTE Directive 1999/5/EC EN 300 330-1, -2 (HiBAN) EN 301406 (DECT) EN 301 489-1, -3 (HiBAN) EN 301489-1, -6 (DECT) EN IEC 60950-1 EN 50360 EN 62479
USA	EN IEC 60950-1 47 CFR Part 15.C (HiBAN) 47 CFR Part 68, Part 15.D (DECT 6.0) OET Bulletin 65 IEEE 1528
Canada	RSS-210 (HiBAN) RSS-213 (DECT 6.0) RSS-102