



Konftel IP DECT 10



Konftel 300Wx

# Wireless IP meetings with powerful audio

Wireless freedom combined with excellent audio quality. Konftel 300Wx now provides HD audio via the Konftel IP DECT 10 base station. Give your conference calls the full dynamics they deserve!

HD audio provides the best sound possible for a much more natural sounding conference call. Every variation of the voice is heard for a much smoother experience.

You can now have wireless conference calls with HD quality over your VoIP system. The Konftel IP DECT 10 base station connects via SIP and supports up to 20 HD-capable Konftel 300Wx phones registered and five simultaneous calls.

The Konftel 300Wx can be set up with IP DECT bases from third-party suppliers that Konftel supports, but the Konftel IP DECT 10 gives you unique advantages and makes it easier to get started.

Note that firmware release 1.9.3 or later is required for the Konftel 300Wx.

## THREE ADVANTAGES OF THE KONFTEL IP DECT 10 AND KONFTEL 300WX

- The solution supports HD calls over IP
- Take advantage of the strong audio qualities in your conference phones based on Konftel's patented OmniSound® technology
- Simple registration
- Wireless freedom for your conference calls

### Simple registration – it's this easy to get underway

The Konftel IP DECT 10 is always in registration mode and ready to register phones. The Konftel 300Wx automatically prompts you to register the phone to the base station if this has not already been completed.

The Konftel 300Wx can show the IP address used by the Konftel IP DECT 10 base station.



## FUNCTIONS FOR KONFTEL IP DECT 10

Art no 840102132

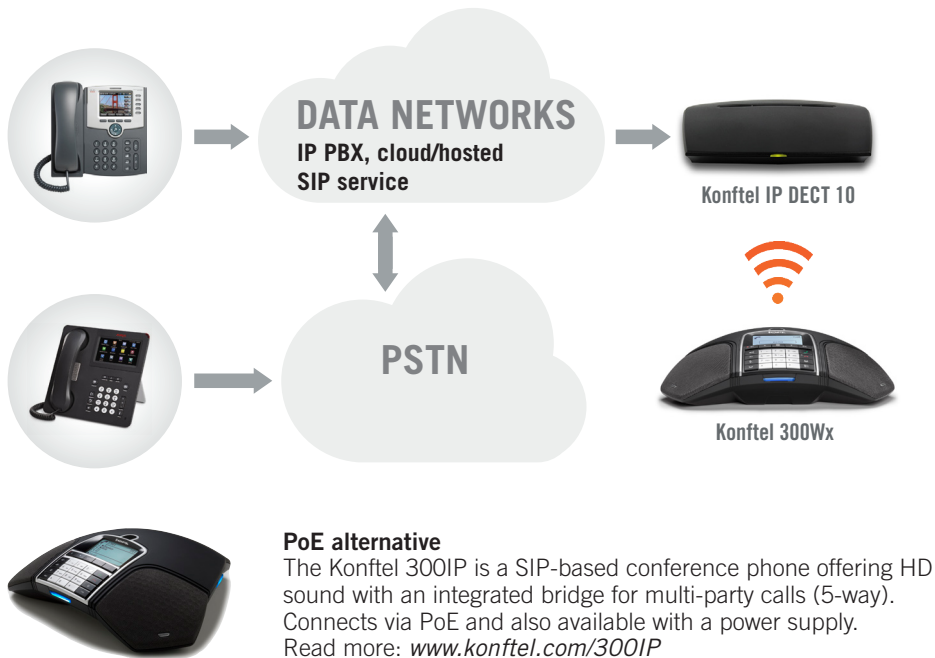
- Connection: SIP to company's IP PBX, on customer's premises or cloud-based. Can handle up to 20 Konftel 300Wx registered devices. Simple registration. Indoor wireless range up to 50 meters (164 feet).
- Audio: Wireless HD sound over CAT-iq and G.722 codec. Up to five simultaneous calls.
- Contents: The Konftel IP DECT 10 is supplied with an US power adapter.

## KONFTEL 300Wx FUNCTIONS:

Konftel 300Wx with analog DECT base, 840101077

- Connection: DECT GAP/CAT-iq, computer via USB or smartphone (smartphone cable accessory).
- Audio: Supports HD sound and is based on Konftel's OmniSound® audio technology. Audio reception for up to 12 persons (30 m<sup>2</sup>/1060 sq feet), with extra microphones (accessory) up to 20 persons (70 m<sup>2</sup>/2500 sq feet).
- Power supply: Up to 60 hours battery operation. Rechargeable battery and charging cradle with power adapter included.
- Functions: Recording on SD card, different connections can be bridged in the phone, phone book, conference guide, future-safe – free software upgrades.

## Wireless conference phones in a typical IP environment



## TECHNICAL SPECIFICATIONS

Konftel IP DECT 10

### DECT

- Frequency bands: 1880 MHz – 1930 MHz (DECT)
- 1880 – 1900 MHz (10 carriers) Europe
- 1910 – 1930 MHz (10 carriers) Latin America
- 1920 – 1930 MHz (5 carriers) US and customized frequency bands
- Four power levels (14, 17, 20 and 24 dBm)
- Wideband voice (HDSP) Basic
- Interoperability, Phase I (CAT-iq 1.0)
- Authentication/encryption of base and handset

### AUDIO

- 5 audio channels using G.726/G711 codec
- 4 audio channels using G.729
- 5 CAT-iq wideband audio channels using G.722
- RFC3711 SRTP

### ANTENNAS

- Internal omni-directional antennas
- Range: Indoors: 50 m (165 feet)
- Range: Outdoors: 300 m (985 feet)
- Fast antenna diversity switching

### SYSTEM

- 20 users (20 handsets registered)

### NETWORK

- TFTP, HTTP, HTTPS for remote configuration and firmware download
- VLAN
- DHCP options 66 and custom
- Embedded web server for easy configuration
- IPv6
- SRTP and SIPS support using certificates

### POWER SUPPLY

- 5 V mains adapter
- Max power consumption: 5 W

### ETHERNET

- Connector: RJ 45
- Interface to IP network: 10/100 BASE-T IEEE802.3

### MECHANICS

- Housing: IP20
- Dimensions: 118 x 177 x 32 mm (4.75x7x1.25 inches) ( HxWxD)
- Temperature range: 0°–40°C (32°–104°F)

## ABOUT KONFTEL

Konftel is a leading company and strong brand in the teleconferencing industry. Since 1988, our mission has been to help people around the world to conduct meetings, regardless of distance. We know from experience that teleconferences are an efficient way to save time, money and contribute to a better environment. High audio quality is essential for productive meetings and this is why our patented audio technology, OmniSound®, is built into all Konftel phones.

Our products are marketed worldwide under the Konftel name and our head office is in Umeå, Sweden.



**Head office:** Konftel AB, Box 268, SE-901 06 Umeå, Sweden  
Phone: +46 (0)90-70 64 89, Fax: +46 (0)90-13 14 35, [info@konftel.com](mailto:info@konftel.com) [www.konftel.com](http://www.konftel.com)

© Konftel AB. Rev B. Due to our policy of continuous product development, we reserve the right to change specifications without prior notification. Please visit [www.konftel.com](http://www.konftel.com) for the latest information.