



Konftel IP DECT 10



Konftel 300Wx

# Wireless IP meetings with powerful audio

Freedom of wireless connectivity combined with superior audio quality. That's what you get from the Konftel 300Wx when it's connected to IP telephony with HD audio via Konftel IP DECT 10. Give your conference calls all the dynamism they deserve!

HD audio produces much more natural-sounding speech than the sound you get with conventional phone calls. It picks up tones of voice and nuances, making conversation more fluid.

It is now possible to take the HD calls on your IP telephony into wireless conference calls. Konftel's DECT base station, IP DECT 10, is connected via SIP and can have up to 20 HD-capable Konftel 300Wxs registered and five simultaneous calls.

It is possible to set up the Konftel 300Wx with IP DECT base stations provided by third-party manufacturers supported by Konftel. However, Konftel IP DECT 10 offers some unique advantages and makes it simple to get started.

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

## KONFTEL IP DECT 10 AND THE KONFTEL 300Wx OFFER THE FOLLOWING ADVANTAGES

- The solution supports HD voice over IP
- Uses the conference phone's powerful audio qualities that are based on Konftel's patented OmniSound® audio technology
- Easy registration
- The freedom of wireless connectivity for your conference calls

### Easy registration – getting started is simple

Konftel IP DECT 10 is constantly in registration mode, ready to connect new telephones.

When the Konftel 300Wx is started up, it will ask for registration if it has not been registered previously.

The Konftel 300Wx can display the IP address of the DECT base station.



## FEATURES OF KONFTEL IP DECT 10

Item no. 900102132 (USA: 840102132)

- Connection: SIP to the company's IP PBX, CPE-based or cloud-based.  
Can have up to 20 Konftel 300Wxs registered.  
Easy registration..  
Up to 50 metres of wireless range indoors.
- Audio: Wireless HD audio using CAT-iq and G.722 codec.  
Up to five calls simultaneously.
- Contents: Konftel IP DECT 10 comes with an EU power adapter.

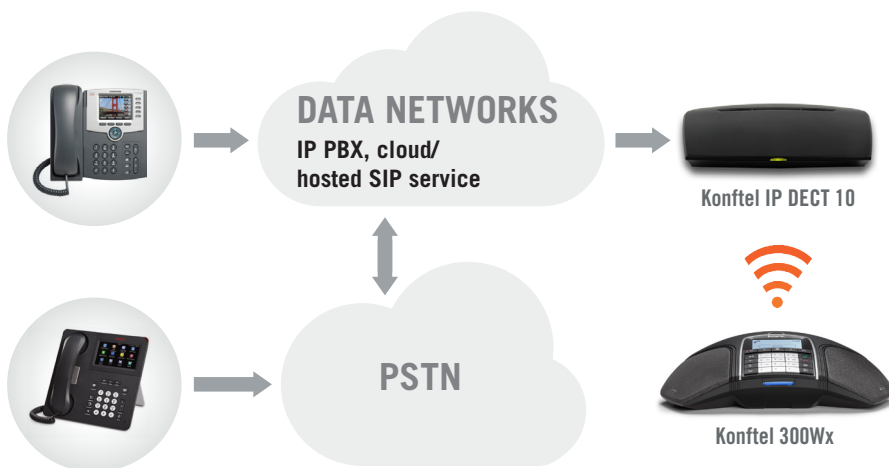
## FEATURES OF THE KONFTEL 300Wx:

Item no. 910101078. Konftel 300Wx with analogue DECT base, 910101077 (EU)

- Connection: DECT GAP/CAT-iq, computer via USB or mobile phone (mobile cable accessory).
- Audio: Supports HD audio and is based on Konftel's OmniSound® audio technology. Audio pick-up for up to 12 people (30 m<sup>2</sup>), with expansion microphones (accessory) up to 20 people (70 m<sup>2</sup>).
- Power supply: Up to 60 hours of battery time. Rechargeable battery and charger. Power adapter included.
- Features: SD card recording, different connections can be bridged in the phone, phonebook, conference guide, future-proof – free software upgrades.

## Wireless conference phone in your IP environment

This is how you incorporate your wireless conference phone into your IP-based communication environment.



### Wired alternative

SIP-based Konftel 300IP with integrated conference bridge for five-way calls also delivers HD audio. Connects using a PoE cable. More details at: [www.konftel.com/300IP](http://www.konftel.com/300IP)

## TECHNICAL SPECIFICATIONS FOR Konftel IP DECT 10

### DECT

- Frequency band: 1880 MHz – 1930 MHz (DECT)
- 1880 – 1900 MHz (10 carriers) Europe
- 1910 – 1930 MHz (10 carriers) Latam
- 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: Indoor: 50 m
- Range: Outdoor: 300 m
- 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

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

### ETHERNET

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

### MECHANICS

- Housing: IP20
- Dimensions: 118 x 177 x 32mm (HxWxD)
- Temperature Range: 0° to +40°

## ABOUT KONFTEL

Konftel is a leading company and a 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. Superior audio quality is key to productive meetings which is why we incorporate OmniSound®, our patented audio technology, into all Konftel telephones.

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



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