

# Konftel Wireless IP

## Konftel 300Wx + Konftel IP DECT 10



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 can have 20 Konftel 300Wxs registered and support up to five simultaneous HD 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.

### Simple registration

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.

### Konftel Unite – One Touch Conferencing

Konftel Unite switches the operation of your Konftel unit from the keypad to the screen of a mobile phone or tablet. Start pre-scheduled meetings with one click, call contacts from your personal contact book and control the conference phone's functions during the meeting.

The Konftel 300Wx supports the app via the optional accessory Konftel Unite adapter.



### 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
- Support for Konftel Unite app via the Konftel Unite Adapter

# Functions Konftel Wireless IP

## KONFTEL IP DECT 10

Item no. 840102132

- Connection:** SIP to company's IP PBX, on customer's premises or cloud-based. Can handle up to 5 Konftel 300Wx registered devices. Simple registration. Indoor wireless range up to 50 meters (164 feet).
- Audio:** Wireless HD audio 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

Item no. 840101078

- Connection:** Wireless to Konftel IP DECT 10, computer via USB or smartphone (smartphone cable accessory).
- Audio:** Supports HD sound and is based on Konftel's Omni-Sound® audio technology. Audio reception for up to 12 persons (30 m<sup>2</sup>/1060 sq feet), with expansion 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, support for Konftel Unite via Konftel Unite Adapter.

# 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 (HD audio)

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 Konftel 300Wxs registered, up to five simultaneously HD calls

## 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:

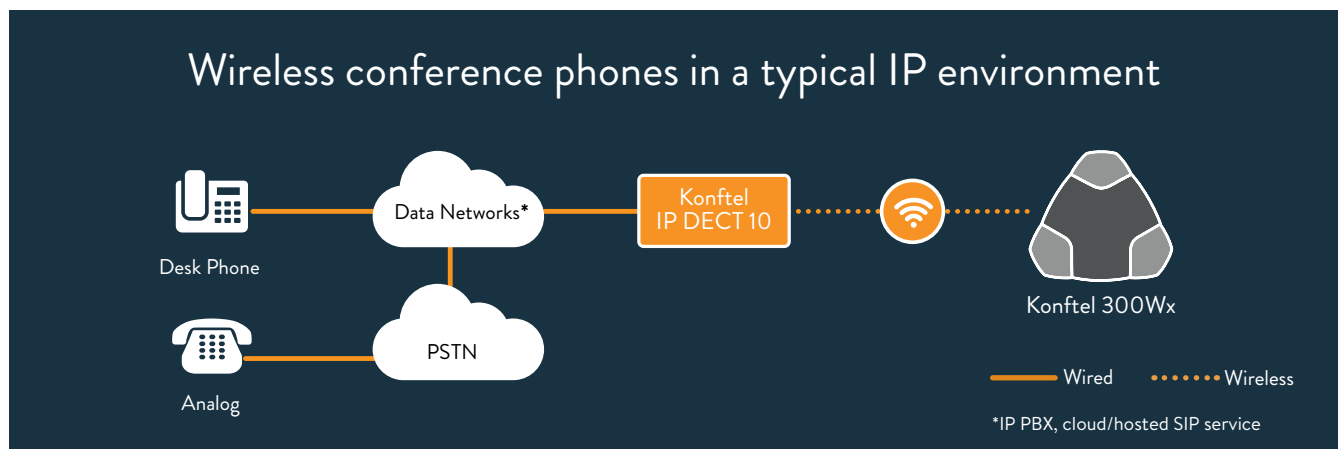
10/100 BASE-T IEEE802.3

## MECHANICS

Housing: IP20

Dimensions: 118 x 177 x 32 mm (4.75x7x1.25 inches) (HxWxD)

Temperature range: 0°–40°C (32°–104°F)



**RESELLER SPACE**

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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 and 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 brand via our head office in Umeå in Sweden. Find out more about our company and products at [www.konftel.com](http://www.konftel.com)