

# Konftel 300IPx

## The art of easiness



One click is all it takes to start or join a meeting. With the Konftel 300IPx, making conference calls is as simple as using the Konftel Unite mobile app. The new generation IP conference phone is the Art of Easiness.

As well as One Touch Conferencing via the app, the Konftel 300IPx has everything you need for high-class, efficient distance meetings. It incorporates patented OmniSound® technology to deliver crystal-clear, natural HD audio. It is outstandingly versatile. Thanks to connectivity options for loudspeaker equipment, wireless headsets and extra microphones, the Konftel 300IPx is the ideal IP conference phone for rooms of all sizes up to large auditoriums. It has a USB port and works perfectly with Skype for Business, Cisco, Avaya and other meeting tools.

The Konftel 300IPx can be configured and upgraded via the web interface or the company's own provisioning server. Another convenient option is Konftel's Zero Touch Installation web service.

**DOWNLOAD KONFTEL UNITE:**  

### FEATURES

- OmniSound with HD audio support
- SIP
- UC compatible via USB
- Support for Konftel Unite – One Touch Conferencing
- NFC for swift connection to the Konftel Unite mobile app
- Effortless phone and meeting management via Konftel Unite
- Conference bridge
- Memory card recording
- Connectable to expansion microphones and PA system
- Efficient, scalable provisioning
- Two-year warranty



*Perfectly compatible with Skype for Business, Cisco, Avaya and other meeting tools on your laptop.*



*The connection between your mobile phone and the Konftel 300IPx makes it simple to manage meetings. We call it One Touch Conferencing.*

### MEETING MANAGEMENT VIA APP

The Konftel Unite app lets you manage the Konftel 300IPx on your mobile or tablet screen instead of the keypad. Start scheduled meetings with a click, call contacts and groups from your personal contact book and control the phone's features during the meeting. Connect simply between the mobile and conference phone via Bluetooth (only for control, not audio transfer). Konftel Unite can be downloaded from App Store or Google Play.

## Accessories

### EXPANSION MICROPHONES

Item no.: 900102113  
Increase the range from 30 to 70 square metres, i.e. more than double the range

### PA INTERFACE BOX

Item no.: 900102087  
Connect to external loudspeaker and microphone systems

### DEMO AND TRAVEL CASE

Item no.: 900102131  
Black nylon bag with handles and detachable padded shoulder strap. Size: 36 x 28 x 15 cm

## Specifications for the Konftel 300IPx

### GENERAL INFORMATION

Item no.: 910101084  
Content: Network cable (900103402), USB cable (900103388), power connection cable (900103401) and AC adapter (900102125)  
Product documents: Quick reference guides in Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish and Turkish. Manuals in English, French, German, Italian, Spanish and Swedish Administrators Guide and Quick Installation Guide in English. Available at [www.konftel.com/support](http://www.konftel.com/support)  
Size: Diameter 240 mm, height 77 mm  
Weight: 1 kg  
Colour: Licorice black  
Anti-theft protection: Kensington® security slot  
Warranty: Two years

### USER INTERFACE

Display: Illuminated graphical LCD, 128 x 64 px  
Keypad: Alphanumeric 0 – 9, \*, #, on, off, mute, hold, volume up, volume down, 5 buttons for menu navigation, line selection mode, conference guide, redial  
Menu languages: Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Russian, Spanish, Swedish and Turkish  
Phone book: LDAP. Up to 1000 entries per user profile. Export/import of contacts. Call list. Four password-protected user profiles  
Meeting Management: Support for Konftel Unite (download from App Store or Google Play)  
Conference guide: 20 groups per user profile, 4 participants/group

### CALL FEATURES

During a call: Put call on hold. Call waiting. Call park/pick-up in the PBX\*. Transfer incoming call. Request. Music on Hold. Dial plan  
Dialling: Phone number and SIP URI. ENUM Support E.164\*  
Multi-party calls: Local five-way calls. Two configurable SIP accounts  
\* If supported by PBX

### POWER

IEEE 802.3af Power over Ethernet Class III  
Transformer 100-240 V AC/13.5 V DC

### NETWORK CONNECTION

SIP: RJ 45, Ethernet 10/100 Base T (IEEE 802.3ab), PoE (IEEE 802.3af, LLDP-MED (ANSI/TIA-1057), LDAP (RFC1777), DNS SRV (RFC3263)

### NETWORK AND COMMUNICATION

Network addressing: DHCP and static IP  
NAT traversal: STUN, ICE and TURN  
Connection protocol: SIP 2.0 (RFC 3261 and companion RFCs)  
Signalling protocol: UDP, TCP, TLS and SIPS  
Media protocol: RTP, SRTP  
Network security: 802.1x Authentication with EAP-TLS  
Quality of Service: DiffServ, VLAN (IEEE 802.1p/Q)  
Configuration and provisioning: HTTP/HTTPS web interface or Konftel ZTI (Zero Touch Installation). Support for auto-provisioning with certificate management  
DTMF tone generation: RFC 4733/2833, SIP INFO, In-band  
Time servers: NTP and SNTP (RFC4330)  
Additional features: Remote syslog, PCAP-log, unique hostname

### CONNECTION TO DEVICES

Bluetooth®: Low Energy Profiles, GAP and GATT. Only for control features, not for audio transfer  
USB connection: 2.0 Mini B  
NFC: Support in download of and connection to the Konftel Unite app. NFC Forum Type 4 and ISO/IEC 14443 Type A support  
Expansion microphones: x2 modular 4/4  
Auxiliary: Modular 4/4 for wireless headset or PA system

### AUDIO SPECIFICATIONS

Technology: OmniSound® with support for HD audio, full duplex, automatic echo cancellation and noise suppression  
Microphone: Omnidirectional, 360°  
Reception area: up to 12 people (30 m<sup>2</sup>)  
Frequency: VoIP/USB 200-7000 Hz  
Volume: max. 90 dB SPL 0.5 m  
Equalizer: soft, neutral, bright  
Codecs: G722, G711 A-law, G711 µ-law, G729ab

### MORE FEATURES

Recording: Support for SD and SDHC memory cards  
Software update: TFTP/HTTP/TTPS

### ENVIRONMENT

Temperature: 5° – 40°C  
Relative humidity: 20-80% condensation free

### VERIFIED FOR



## Related products

### KONFTEL 300Wx



A wireless conference phone with HD audio. Connects via DECT base to both IP and analogue environments, direct to a mobile phone or USB to PC. Incorporates OmniSound® for outstanding audio quality, battery with 60 hours of talk time, recording and conference guide. Free software upgrades make it future-proof.

### KONFTEL 55Wx



A flexible conference unit with a touch screen and HD audio quality, wireless via Bluetooth® with NFC. Simple connection to PCs, desktop phones and mobiles and has a battery. Headset port. Expansion microphones can be added for meetings with 12 or more participants.

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)