

# Konftel 300IP

## IP conference phone. For real.



The Konftel 300IP is perfect for both cloud-based and traditional IP platforms, giving you everything you need for effective, top-quality distance meetings. Konftel's OmniSound® audio technology delivers crystal-clear, natural HD audio.

The Konftel 300IP is a big favorite with companies and organizations around the world. This is due to the winning combination of product quality, practical features and design. As a SIP telephone, it has been tested and validated for a wide range of popular IP platforms, in accordance with Konftel's strategy.

The conference phone fits everything from huddle rooms to large auditoriums. It includes the option to connect a pair of expansion microphones to increase the pickup range and cover up to 20 people in a room. You can also connect a wireless headset if you're lecturing. If you use the PA box to connect to a PA system, there is no limit to the size of the meeting.

OmniSound®      

- Meeting size: More than 20 people
- SIP
- Built-in bridge for 5-way calls
- Efficient, scalable provisioning
- OmniSound® with HD audio
- Connectable to expansion microphones and PA systems
- Wireless headset connection
- Recording on memory card
- Two-year warranty



### SMART FEATURES

This is a proper conference telephone. The built-in bridging function handles five-way calls, which reduces the need for external bridging services. The conference guide makes it easy to call up groups at the touch of a button. Another popular feature of the Konftel 300IP is recording onto an SD memory card.



### EASY FOR THE ADMINISTRATOR

The Konftel 300IP can be configured and updated via the web interface or the company's own provisioning server. Another convenient option is Konftel's web service Zero Touch Installation. You can also download new software and update the phone offline.

# Specifications Konftel 300IP

## GENERAL

**Product name:** Konftel 300IP

**Item number:** 910101079

**Contents:** Konftel 300IP, network cable (900103402).

**Product documentation:** Quick Reference Guide in Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Russian, Spanish, Swedish and Turkish. Manual in English, French, German, Italian, Spanish and Swedish. Administrator's Guide and Quick Installation Guide in English.

**Warranty:** 2 years

**Size:** Diameter 240 mm, height 77 mm

**Weight:** 1 kg.

**Color:** Licorice black.

**Anti-theft protection:** Kensington® security slot.

## USER INTERFACE

**Display:** LCD, 128 x 64 px (5 x 2.5").

**Keypad:** Alphanumeric 0-9, \*, call, end call, mute, hold, volume up, volume down, 5 buttons for menu navigation, line mode, conference guide.

**Menu languages:** Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Russian, Spanish, Swedish, Turkish.

**Phone book:** Up to 1000 contacts per user profile. Export/import of contacts.

**Conference guide:** 20 groups per user profile, 4 parties per group.

## CALL FEATURES

**During calls:** Put calls on hold. Call waiting. Park/retrieve calls (if supported by PBX). Move incoming calls. Request. Music on hold. Dial plan.

**Number dialing:** Telephone numbers and SIP URI. ENUM Support E.164 (if supported by PBX).

**Multi-party calls:** Local 5-way calls. Two configurable SIP accounts.

## POWER SUPPLY

**AC adapter:** IEEE 802.3af Power over Ethernet Class III. Transformer 100-240 V AC/13.5 V DC (accessory).

## CONNECTIVITY

**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).

## APPROVALS

**Security:** EN 60950-1:2006 + A11:2009 + A12010 + A12:2011 + A2:2013. IEC 60950-1:2005+A1+A2.

**EMC:** EN 55022 (2010), EN 55024 (2010).

## NETWORK AND COMMUNICATION

**Network addressing:** DHCP and static IP NAT.

**NAT traversal:** STUN, ICE and TURN.

**Connection protocol:** SIP 2.0 (RFC 3261 and associated RFCs).

**Signaling:** UDP, TCP, TLS and SIPS.

**Media protocol:** RTP, SRTP.

**Security:** 802.1x authentication with EAP-TLS.

**Quality of Service:** DiffServ, VLAN (IEEE 802.1p/Q).

**Configuration and provisioning:** Via web interface (HTTP/HTTPS) or Konftel ZTI (Zero Touch Installation). Support for auto-provisioning with certificate management.

**DTMF tone generation:** RFC 4733/2833, SIP INFO, In-band.

**Time server:** NTP and SNTP (RFC4330).

**Additional features:** Remote syslog, PCAP-log, unique host name.

## CONNECTION TO DEVICES

**Auxiliary:** Modular 4/4 for wireless headset or PA system.

**Expansion microphones:** 2 x modular 4/4.

## 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>), with expansion microphones up to 20 people (70 m<sup>2</sup>).

**Frequency:** 200 – 7000 Hz.

**Volume:** Max 90 dB SPL 0.5 m.

**Equalizer:** Three settings – dark, neutral, bright.

**Codecs:** G722, G711 A-law, G711 μ-law, G729ab.

## ADDITIONAL FEATURES

**Line bridging function:** Built-in bridge for 5-way calls

**Recording:** Support for SD and SDHC memory cards.

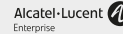
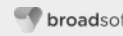
**Software updates:** TFTP/HTTP/TTPS.

## ENVIRONMENT

**Temperature:** 5° – 40°C.

**Relative humidity:** 20 – 80% condensation-free.

## VERIFIED FOR:



This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>). This product includes cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com))

## Related products and accessories



### KONFTEL 300IPx

The Konftel 300IPx together with the Konftel Unite app brings a whole new easiness to conference calls. The new generation of IP conference phone is – The Art of Easiness.

**Item number:** 910101084



### EXPANSION MICROPHONES

1 pair. Increase the voice pickup range from 30 up to 70 m<sup>2</sup>. Two lengths of cable supplied, 1.5 and 2.5 m.

**Item number:** 900102113



### PA INTERFACE BOX

For connection to external loudspeaker and microphone systems (PA systems). Plug: RCA in/out. Power connection cable 2.5 m.

**Item number:** 900102087

RETAILER SPACE

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Konftel is a leading company within collaboration endpoint solutions. Since 1988, our mission has been to help people in businesses around the world to have meetings regardless of distance. Based on our success, we know that remote collaboration is a smooth way to save time, money and at the same time contribute to a more sustainable world. Crystal clear audio and a sharp video image are essential for efficient meetings, this is why we only focus on cutting-edge technology in our Collaboration Solutions. Our audio technology OmniSound® is built into all Konftel Conference phones and devices. The products are sold globally under the Konftel brand and our headquarter is based in Sweden. Read more about the company and our products at [konftel.com](http://konftel.com).