

Conference phones for every situation



The Konftel 300IP for innovative teleconferences

The Konftel 300IP is a flexible SIP-based conference phone that is ideal for companies using IP telephony. It is equipped with Konftel's patented audio technology OmniSound® 2.0 with wideband to ensure a clear and natural sound.

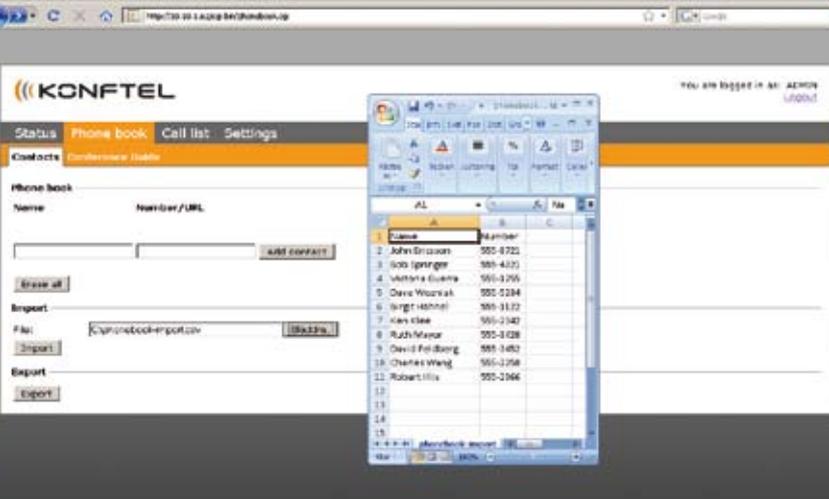
The stylishly designed Konftel 300IP is packed with intelligent functions to make teleconferences more efficient. For instance, you can record and store your meetings on a SD memory card. The conference guide makes it possible to call pre-programmed groups with a few simple pushes of a button. Contacts can easily be imported and exported via the webinterface. With the personal user profile function you can create your own phone book.

The Konftel 300IP is also ideal for larger conferences as it is possible to connect expansion microphones, an external wireless headset and a PA system to the phone.

With the Konftel 300IP your company will have a top-quality conference phone that combines all the benefits of IP telephony with innovative new functions.

Advantages of the Konftel 300IP

- OmniSound® 2.0 with wideband
- SIP based
- PoE (Power over Ethernet)
- Conference Bridge facility connects up to 5 calls
- Call recording on SD card
- User profiles for saving personal contacts and settings
- The conference guide makes conference calls easier
- Phone book, support for internal and external directory (LDAP)
- Expandable for PA system and wireless headset
- Web-based configuration
- Expansion microphones increase the voice pickup range (accessory)
- Can be upgraded making it future-proof
- Two-year warranty



Settings and contacts are easily managed via the Konftel 300IP Web Interface

Plenty of new features

The Konftel 300IP combines all the benefits of IP telephony with Konftel's innovative new functions for more efficient teleconferencing.

Based on SIP

Konftel 300IP is based on a robust SIP software, interoperable with all leading SIP-based IP PBX and Softswitch platforms. It includes advanced features for call handling, safety, quality of service and easy management. In order to simplify connection, the Konftel 300IP also supports Power over Ethernet.

Make 5-way calls

The Konftel 300IP can handle four SIP connections at the same time. You can also link the connections to create a 5-way call.

Call recording on memory card

The Konftel 300IP has a call recording function on SD memory cards. This makes it possible to record your meetings and dictate file notes. The memory card can be transferred to a computer, allowing the user to listen to, share or save the audio files.

Expandable for larger situations

Expansion microphones increase the voice pickup range from 30 square metres (320 sq ft) to more than twice that. The Konftel 300IP's omnidirectional microphone combined with the directional microphones ensure optimal voice pickup in larger meeting rooms. For even more impressive audio sound, the Konftel 300IP can be connected to an external PA system.

Connect a wireless headset

With a headset connected to the Konftel 300IP, the sound from the headset and the phone is transmitted simultaneously to other parties. This is a smart function for lecture situations.

The conference guide makes calls easier

By creating a group in the conference guide all participants can be contacted at the touch of a button. Good function when you have repeat teleconferences. The conference guide can store up to 20 groups per profile.

User profiles

Up to four users can save their preferred settings and personal contacts, which are displayed after password protected log in.

Directory

A local phone book with up to 1000 contacts per user profile, and support for external directory (LDAP).

Easy management

Configure and upgrade the Konftel 300IP via the Web interface or use server based central provisioning for mass deployment.

KONFTEL 300IP

LANGUAGES

Menu and Quick Guide: Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Russian, Spanish, Turkish and Swedish

CALL FEATURES

Call hold
Call waiting
Call Park / Unpark (if supported by PBX)
Call Pickup (if supported by PBX)
Call recording (local on SD card)
Conference guide: 20 groups per profile, 4 parties/group
Consultation Hold
Dial plan
Dialing: Phone number and SIP URI
ENUM Support (E.164) if supported by PBX/Server
Local 5-way calls
Music on Hold if supported by PBX
Two configurable SIP accounts
Unattended transfer

AUDIO FEATURES

OmniSound® 2.0 Wideband
Microphone: Omni-directional
Reception area: Up to 30 m² (320 sq ft) > 10 people
Speakers: frequency range: 200–7000 Hz
Volume: Max 90 db SPL 0.5 m
Equalizer: soft, neutral, bright

DIRECTORY

Phone book: < 1000 entries per profile
Export/import of contacts
Call list
Support for LDAP external directory
User profile: 4 profiles (password protected)

INTEROPERABILITY

SIP 2.0, RFC3261 and companion RFCs

RECORDING

Support for SD memory cards up to 2 GB

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)
Transport: UDP, TCP, TLS and SIPS
Security: 802.1x Authentication, SRTP and TLS
Quality of Service: DiffServ, VLAN 802.1p/Q
Audio support Codecs: G722, G711 A-law, G711 μ-law, G729ab
DTMF tone generation: RFC, SIP INFO, In-band
Time servers: NTP and SNTP
Daylight saving: Configurable for automatic adjustments.

CONFIGURATION AND PROVISIONING

Configuration: Via integrated web server, HTTP or HTTPS
Separate user and administrator login for secure configuration.
Support for device management for easy configuration and updating of multiple conference phones.

DIMENSIONS

Size: Diameter 240 mm, height 77 mm
Weight: 1kg (2.2 lb)
Colour: Liquorice black

DISPLAY AND KEYPAD

Display: LCD, 128x64 px (5x2,5 in)
Keypad: Alphanumerical 0–9, *, on, off, mute, hold, volume up, volume down, 5 buttons for menu navigation, line, conference guide

ANTI-THEFT PROTECTION

Kensington® security slot

CONNECTIONS

Ethernet: RJ45
AUX (headset/PA): Modular 4/4
Expansion microphones: Modular 4/4

POWER

Power over Ethernet IEEE 802.3af
Transformer: 100–240 V AC/13.5 V DC

APPROVALS

Electrical safety: EN 60950-1:2006, ANSI/UL 60950-1-2002, CAN/CSA-C22.2, no. 60950-1-03
EMC/Radio: EN 301 489-3 V1.4.1 (2002-08), EN 301 489-1 V1.6.1 (2005-09), FCC Part 15 subpart B class A, FCC Part 15 subpart C, EN 300220-1:2000, EN 300220-2:2000
RoHS

ENVIRONMENTAL CONDITIONS

Temperature: 5–40°C (41–104°F)
Relative humidity: 20–80% condensation free

INCLUDED

Konftel 300IP, SD memory card, AC adapter, power and network cable, Quick guides. Item no.: 910101063.

ACCESSORIES

900102113 Expansion microphones, 1 pair
900102087 PA Interface box
900103384 Wirelock

WARRANTY

2 years

OmniSound® 2.0 – sensational sound

Our patented audio technology, OmniSound®, is embedded into all Konftel phones to ensure crystal-clear voice transmission. OmniSound® 2.0 with wideband enables the Konftel 300IP to deliver even more impressive audio quality. Just like OmniSound® full duplex, OmniSound® 2.0 uses an omnidirectional microphone and three speakers for optimal audio performance. OmniSound® 2.0 is enhanced by innovative new features – *noise suppression* minimises distracting background noise, *wideband voice* transmission produces a 7 kHz sound signal, and an *equalizer* allows you to adjust sound levels during meetings.



Head office: Konftel AB Box 268, 901 06 Umeå, Sweden
Tel: +46 (0)90-70 64 89, Fax: +46 (0)90-13 14 35, info@konftel.com www.konftel.com
Local office: UK - uk@konftel.com. France - emea@konftel.com.
India - india@konftel.com. Germany - dach@konftel.com. USA - na@konftel.com.

© Konftel AB. Item no.: 900106218 rev C. In accordance with our policy of ongoing product development, we reserve the right to change the specification of products without prior notice. Visit www.konftel.com for latest information.