



## PRELIMINARY



# 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 Konftel 300IP does not just look exciting, it is also 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 be imported to the phone book, either on a general list or into your personal user profile.

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
- PoE (Power over Ethernet)
- Local 5-way calls
- Record your meetings
- Wireless headset connection
- User profiles for saving personal contacts and settings
- The conference guide makes calls easier
- Web-based configuration
- Export and import of contacts and settings simplifies installation
- Phone book
- Expansion microphones increase the voice pickup range. Optional
- Connects to a PA system. Optional
- Can be upgraded making it future-proof
- Two-year warranty



## KONFTEL 300IP

### LANGUAGES

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

### CALL FEATURES

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

### PRIVACY

Do Not Disturb function.

### DIRECTORY

Phone book: Up to 1000 user defined entries per profile.  
Call list

### NETWORK AND SECURITY

Authentication: Basic or Digest.  
Transport: TLS and SRTP.  
DHCP.  
NTP.  
NAT traversal: STUN and ICE.

### PROTOCOL SUPPORT

RFC3261 and companion RFCs.

### MEDIA

Standard: codec G711,G729ab.  
Wideband: codec G722.  
DTMF: In-band / via RTP / SIP INFO.  
RTP/RTCP.  
SRTP.

### PROVISIONING

Software download: Supports TFTP / HTTP / HTTPS.  
Remote installation.

### INTEROPERABILITY

See [www.konftel.com/300IP](http://www.konftel.com/300IP).

### MANAGEMENT

Administration: Password protected accounts.  
Profiles: 4 profiles (password protected).  
Web server: Embedded web server HTTP / HTTPS.  
Remote configuration: Through web server.  
Remote diagnostics: Through web server.  
Export / Import: Profiles with settings and directory (XML format).  
Log files: Log level, network statistics.

### SPECIFICATION

Size: Diameter 240 mm, height 77 mm.  
Weight: 1kg (2.2 lb).  
Colour: Liqueurice black.  
Display: Illuminated graphics LCD, 128x64 (5x2,5 in).  
Keypad: Alphanumeric 0-9, \*, on, off, mute, hold, volume up, volume down, 5 buttons for menu navigation, line, conference guide.  
Microphone: Omni-directional.  
Reception area: Up to 30 m<sup>2</sup> (320 sq ft) > 10 people.  
Speakers: frequency range: 200-7000 Hz.  
Volume: 90 db SPL 0.5 m three pitches: soft, neutral, sharp.  
Memory: support for SD memory cards up to 2 GB.  
Anti-theft protection: Kensington security slot.

### CONNECTIONS

Ethernet: 1pcs RJ45.  
AUX (headset/PA): 1pcs Modular 4/4.  
Expansion microphones: 2 pcs Modular 4/4.

### POWER

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

### REGULATORY COMPLIANCE

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

### WARRANTY

2 years.

## 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

The Konftel 300IP can be connected either to your IP PBX system or direct to a VoIP service provider. The phone is based on SIP (RFC 3261) and is compatible with most of the SIP platforms available on the market. 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 up for a local 5-way call.

### User profiles

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

### Call recording on memory card

The Konftel 300IP supports SD memory cards, which makes it possible to record your meetings, dictate file notes to it and circulate the files to groups for information or individuals for specific action. How's that for customer service?

### 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

The conference guide can store up to 20 groups per profile, which makes repeat teleconferences easier to set up. A few simple pushes of a button are all it takes to contact the required group.

### Phonebook

Save up to 1000 contacts per user profile in the phone book. The contacts can easily be imported via the Web interface.

### Easy configuration via the Web interface

Configuration of the Konftel 300IP is made in the Menu or through the Web Interface. Settings and contacts can be exported and imported for easy transfer.

### Extension capacity for larger rooms

Expansion microphones increase the voice pickup range from 30 square metres 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 after upgrading with optional software.

### OmniSound® 2.0 – sensational sound

Our patented audio technology, Omni-Sound®, 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.

© Konftel AB. Item no.: 900106218 rev A  
All characteristics listed can, due to the constant development of our products, be changed without special notice.

# KONFTEL



india@konftel.com