

# Konftel 800

## True Conference Delight



reddot award 2019  
winner

**Hybrid conference phone with intuitive interface. OmniSound® audio technology brings a natural sense of presence to the dialog. Suits everything from small to extra large meeting rooms, thanks to optional Konftel Smart Microphones and daisy-chain capabilities. Konftel 800 brings true delight to all kinds of distance meetings.**

The Konftel 800 offers remarkable flexibility as a powerful conference audio device for today's communication and collaboration services, whether in the cloud, on premise or in hybrid environments. It connects via SIP, USB and Bluetooth®. The platform enables BYOD for web and video meetings where you can also invite participants via regular phone calls. We call it hybrid conferences. There are several options for easy device management and auto-provisioning, including Konftel Zero Touch Installation. The Konftel 800 has won a Red Dot Award for its product design.

**OmniSound®**      

- Room type: Small to large
- OmniSound®
- Beamforming microphones
- Daisy-chain connection
- Supports expansion microphones
- Headset connectivity (Lecture mode)
- SIP, USB, Bluetooth®
- Ceiling mode support
- Efficient, scalable provisioning
- Two-year warranty
- Climate Neutral Certified



### NO EXPLANATION NEEDED

There are two superb ways for the user to easily interact with the Konftel 800. The built-in color touch screen presents the available features and actions with icons, complemented by volume and mute buttons. The conference phone can also be managed effortlessly through the Konftel Unite mobile app, supporting one touch conferencing and calling personal contacts.



### BEST IN CLASS

Leading analysts Frost & Sullivan have recognized the Konftel 800 with a Product Leadership Award. They particularly highlight how effortlessly the conference phone delivers outstanding sound in video solutions for medium and small meeting rooms. "Konftel 800 is a safe, future-proof audio endpoint choice," says Frost & Sullivan.



### OMNISOUND FOR POWER AND CLARITY

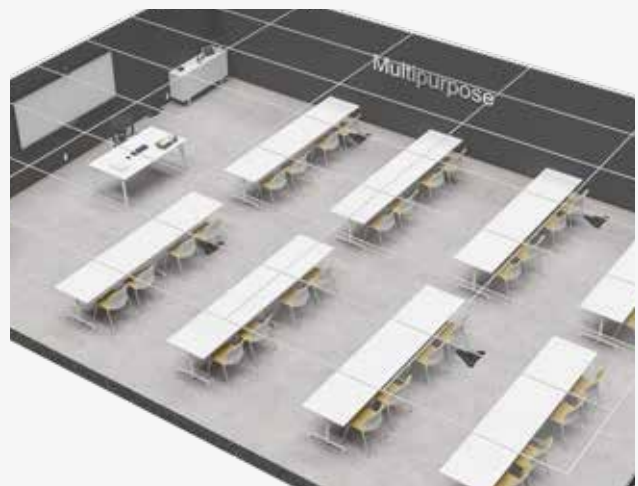
Konftel's refined audio platform OmniSound® works actively to keep the dialog flowing in your meeting. In the Konftel 800, the result is particularly powerful and clear sound that allows participants to relax, knowing that they can hear well and be heard. This creates a natural sense of presence.

Expand the Konftel 800 into really large rooms



### EXPAND THE VOICE PICK-UP

With the Konftel Smart Microphone, you can expand the pick-up range to handle larger conferences. Connect one or two expansion microphones, depending on the size of the room. The Konftel Smart Microphone has built-in cancellation of echo and background noise through OmniSound®.



### MAXIMIZE THE AUDIO EXPERIENCE

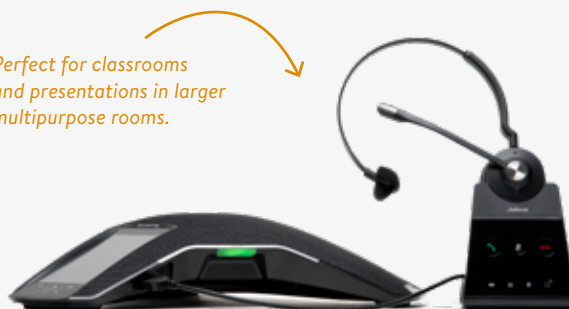
The cascading feature extends both the sound distribution and pick-up range for maximum coverage, giving you rich and full audio even in extra large rooms. Up to five Konftel 800 devices can be daisy-chained by cable, completely without hassle and complexity.



#### CEILING MOUNT FOR LARGE AND MULTIPURPOSE ROOMS

The ceiling mount option for Konftel 800 speakerphone solutions is an appealing alternative to traditional desktop placement. It addresses growing demand for smarter and more flexible room configurations. You can move furniture and rearrange the room every day without any technology hassle. Perfect for larger spaces and multipurpose rooms, where the daisy-chain capabilities of the Konftel 800 makes sure every inch of the room is covered.

*Perfect for classrooms  
and presentations in larger  
multipurpose rooms.*



#### A SMARTER WAY TO LECTURE

Connect an approved\* wireless headset to the conference phone. The Konftel 800 supports Lecture Mode from software version 1.0.8.0.12. This gives the presenter total freedom of movement and position in the room. Everyone will hear clearly all the time.

*\* See the interoperability list on the Konftel 800 support page for approved headsets.*



#### A NEATER AND MORE COMFORTABLE EXPERIENCE

With the speakerphones mounted to the ceiling you're clearing the table from devices and cables, for a really neat and tidy room appearance. It also elevates the video meeting experience. The user can forget about where the microphone is placed and focus on the interaction with remote participants on the screen. The audio pick-up and distribution works its magic without anyone noticing. It all comes natural.



## CLIMATE NEUTRAL PRODUCTS

Konftel is certified in line with the Climate Neutral standard. This means that we have offset all our greenhouse gas emissions and are taking action to further reduce those emissions. When you choose a Konftel product, you keep a clear climate conscience while supporting your organization's growing need for video collaboration.

## Specifications Konftel 800

### GENERAL

**Product name:** Konftel 800

**Item number:** 910101088

**Contents:** Konftel 800, Ethernet cable 6.5 m, USB cable 1.5 m, quick guide, important notice document.

**Product documentation:** Quick guide in English. User guide in English, French, Spanish, Portuguese, German, Italian and Swedish. Installation and administration guide in English.

**Warranty:** 2 years

**Size:** 326 x 370 x 75 mm (WxLxH)

**Weight:** 1.4 kg

**Color:** Black

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

### POWER SUPPLY

**PoE:** IEEE 802.3af/at, PoE Injector (accessory)

### USER INTERFACE

**Display:** 4.3" 480x800 touch screen

**Buttons:** Two volume touch buttons, three mute touch buttons

**Status indication:** LED indication (green/red) of off hook, mute, hold status

**Mobile app:** Extended UX with Konftel Unite (free at AppStore and Google Play). Access to mobile phone's contact book and calendar.

**Menu languages:** Conference phone UI in English, French, Spanish, Portuguese, German, Italian, Swedish, Norwegian, Finnish, Dutch and Danish. Input a-z, A-Z, 0-9. Web UI in English. Konftel Unite mobile app UI in English, French, Spanish, Portuguese, Russian, German, Korean,

Japanese, Chinese (traditional and simplified), Italian, Turkish, Swedish, Norwegian, Finnish, Polish, Czech, Dutch and Danish.

### CALL FEATURES

Conference/split/hold/private, call waiting, calling line identifier (CLID).

### CONNECTIVITY

**Ethernet:** 1 x Ethernet 10/100/1000Mbps, PoE Type 1&2 (IEEE 802.3af and IEEE 802.3at)

**USB:** 1 x USB 2.0 host Type A, 1 x USB 2.0 device Micro-B

**Bluetooth®:** Bluetooth® 4.1 (HFP/HSP/A2DP) with NFC

**Expansion:** 2 x audio expansion ports (RJ11)

### NETWORK

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

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

**Media protocol:** RTP, SRTP.

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

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

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

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

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

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

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

### CONFIGURATION AND PROVISIONING

**Configuration:** Via integrated web server, HTTP or HTTPS

**Device management:** Support for device management to easily configure and update multiple conference phones.

**Konftel ZTI:** Konftel Zero Touch Installation, support for auto-provisioning with certificate management.

**Admin login:** Separate user and administrator login for secure configuration.

### SOUND

**Speakers:** Frequency 80 – 24000 Hz, volume 95 dB SPL 0.5 m

**Microphones:** 3 digital MEMS microphones

**Pick-up range:** 6 m

**Technology:** OmniSound®, full-duplex speech, echo suppression, noise cancellation, comfort noise generation.

**Codecs:** G.711 (A-law/μ-law), G.722, G.729, Opus, iLBC

### AUDIO EXPANSION

**Konftel Smart Microphone (accessory**

**900102144):** Local acoustic echo and noise cancellation, three digital MEMS microphone, pick-up range 6 m, cable length 3 m.

**Daisy-chain:** Connect up to five Konftel 800 devices in daisy chain mode via the audio expansion ports. Konftel Daisy-Chain Cables (accessory 900102152), 5+10 m.

*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))*

## RETAILER SPACE

© Konftel AB. In line with our policy for continuous product development, we reserve the right to change the product specifications. Visit [www.konftel.com](http://www.konftel.com) for the latest information.

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. We know that remote collaboration is an effective way to save time, money and contribute to a more sustainable world. We are Climate Neutral Certified, offering customers an option to purchase video conferencing equipment while keeping a clear climate conscience. 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 headquarters are based in Sweden. Read more about the company and our products at [konftel.com](http://konftel.com).