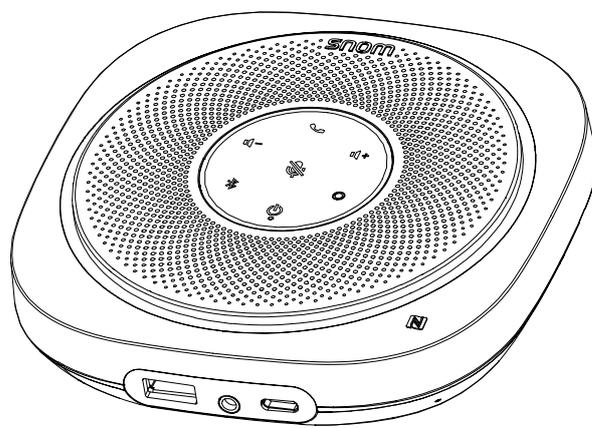


snom



C300

Bluetooth Conference Speakerphone

User Guide

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Important information

Please read the instructions on safety and disposal and on how to set up and use the device before using it and also give them to other users to read or inform those users of their contents. Save this document and do not give the device to third parties without it.

The nameplates are located at the bottom and at the rear of the product.

Safety instructions

Follow the instructions in the manual and other applicable documentation of the device.

- This device is designed for professional use.
- Warning: The product included (ITE) in this manual is to be connected only to PoE networks without routing to the outside plant.
- Mount the device only at heights not exceeding 2m.
- Avoid placing the cables where people may trip over them or where they may be exposed to mechanical pressure as this may damage them.
- This device is for indoor use only! Do not install outdoors - NOT FOR OUTDOOR USE!
- Do not install the device in rooms with high humidity (for example, in bathrooms, laundry rooms, damp basements). Do not immerse the device in water and do not spill or pour liquids of any kind onto or into the device.
- Do not install the device in surroundings at risk for explosions (paint shops, for example). Do not use the device if you smell gas or other potentially explosive fumes.
- Do not use the device during thunderstorms. Lightning striking the power grid may cause electric shocks.
- SELV (Safety Extra Low Voltage) Compliance. Safety status of Input/Output connections comply with SELV requirements. Warning: To avoid electric shock, do not connect safety extra-low voltage (SELV) circuits to telephone-network voltage (TNV) circuits. LAN ports contain SELV circuits, and PSTN ports contain TNV circuits. Some LAN and PSTN ports both use RJ-45 (8P8C) connectors. Use caution when connecting cables.
- Caution: To maintain compliance with radio frequency exposure requirements, the device shall be installed and used so that parts of user's body other than hands keep a distance of 20 cm or more.

Important Battery Information



This product uses a built-in rechargeable Lithium-Ion battery. Do not use any other type of battery since this may lead to leakage, fire, explosion, or other dangerous situations. Never disassemble, alter, or short-circuit batteries or use them for purposes other than the intended one.

Charging and Discharging, Storage

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles.

- The battery can be charged and discharged hundreds of times, but it will eventually wear out.
- If left unused, a fully charged battery will lose its charge over time. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display.
- Use the battery only for its intended purpose. Do not short-circuit the battery. Short-circuiting the terminals may damage the battery or the connecting object. Do not use a damaged charger or battery. Using a damaged battery may cause it to explode.
- Do not place or store batteries, inside or outside devices, in full sunlight or in the immediate vicinity of open fire or other heat sources. Risk of explosion!
- Do not dispose of batteries by throwing them into a fire. Risk of explosion!

Battery Cautions Statement

Avoid using the battery in the following conditions:

- High or low extreme temperatures that a battery can be subjected to during use, storage or transportation;
- Low air pressure at high altitude;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- Extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas
- Avoid replacement of a battery with an incorrect type that can defeat a safeguard.
- Disposal of a battery into fire or a hot oven or mechanically crushing or cutting of a battery can result in an explosion.

Cleaning

To clean the device, use an anti-static cloth. Please avoid cleaning liquids as they might damage the surface or internal electronics of the device.

Standards conformance

 This device complies with Directive 2014/53/EU and the essential health, safety, and environmental requirements of all relevant European directives. This device complies with the Radio Equipment Regulations 2017 and the essential health, safety, and environmental standards of the UK.

You can download the declaration of conformity at [https:// www.snom.com/conformity](https://www.snom.com/conformity).

Unauthorized opening, changing, or modifying the device will cause the warranty to lapse and may also result in the loss of CE and UK conformity. In case of malfunction contact authorized service personnel, your seller, or Snom.

Technical Specifications

- **Safety:** IEC 62368-1
- **Wireless connectivity:** Bluetooth V5.0
- **Frequency range**
 - **Bluetooth / BLE:** 2402–2480 MHz
 - **NFC:** 13.56 MHz
- **Transmission power**
 - **Bluetooth:** Class 2
 - **BLE:** +4 dBm
 - **Bluetooth range:** Up to 10m
- **NFC:** Passive
- **Connectors:** USB 2.0, 1 x type A, 1 x type C; headset 3.5 mm
- **Battery:** 2 x 3.6V 2600 mAh Li-Ion (built-in), model ICR18650-2.6Ah-3.6V-1S1P
- **Charging input (USB-C):** 5V 1.3A
- **Charging output (USB-A):** 5V 2A max.
- **Talk time:** 24 hours
- **Standby time:** 160 hours (when connected to Bluetooth device)
- **Charging time:** less than 8 hours
- **Audio**
 - **Speaker rated output power:** 3W rms
 - **Speaker frequency response:** 100 Hz - 20 kHz
 - **Microphone:** 6 microphones with beamforming

Disposal

Device



This device is subject to European Directive 2012/19/EU and may not be disposed of with general household garbage. If you do not know where you may dispose of the device at the end of its lifespan, contact your municipality, your local waste management provider, or your seller.

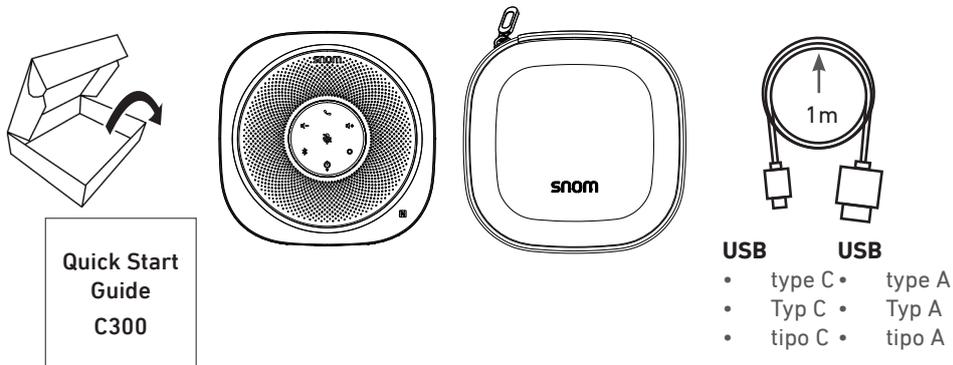
Batteries



The battery built into the product is subject to European Directive 2006/66/EC and may not be disposed of with general household garbage. If you do not know where you may dispose of the battery at the end of its lifespan, contact your municipality, your local waste management provider, or your seller.

In countries outside the EU, disposal of electrical and electronic products and of batteries should be done in line with local regulations. Please contact local authorities for further information.

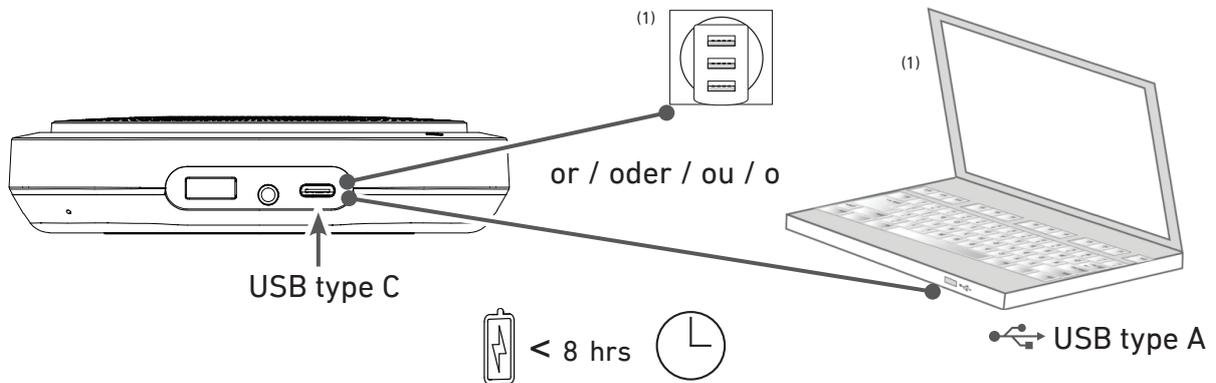
Delivery content



- Conference speakerphone
- Travel case
- USB cable, USB type C to USB type A
- Quick Start Guide, GNU General Public Licence

Charging the battery

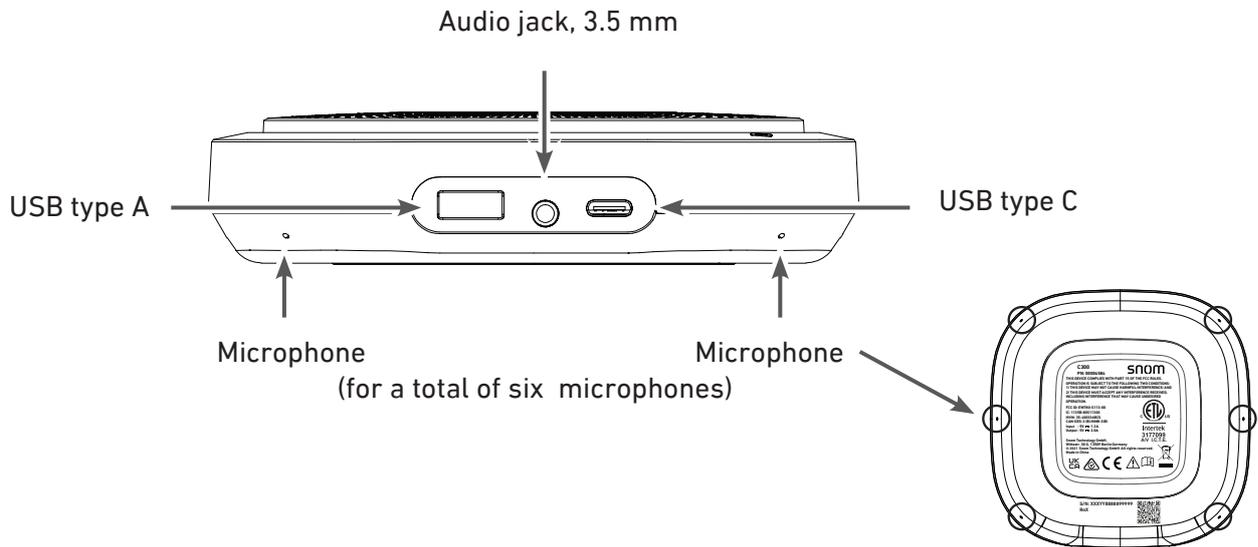
The device has a built-in rechargeable battery.



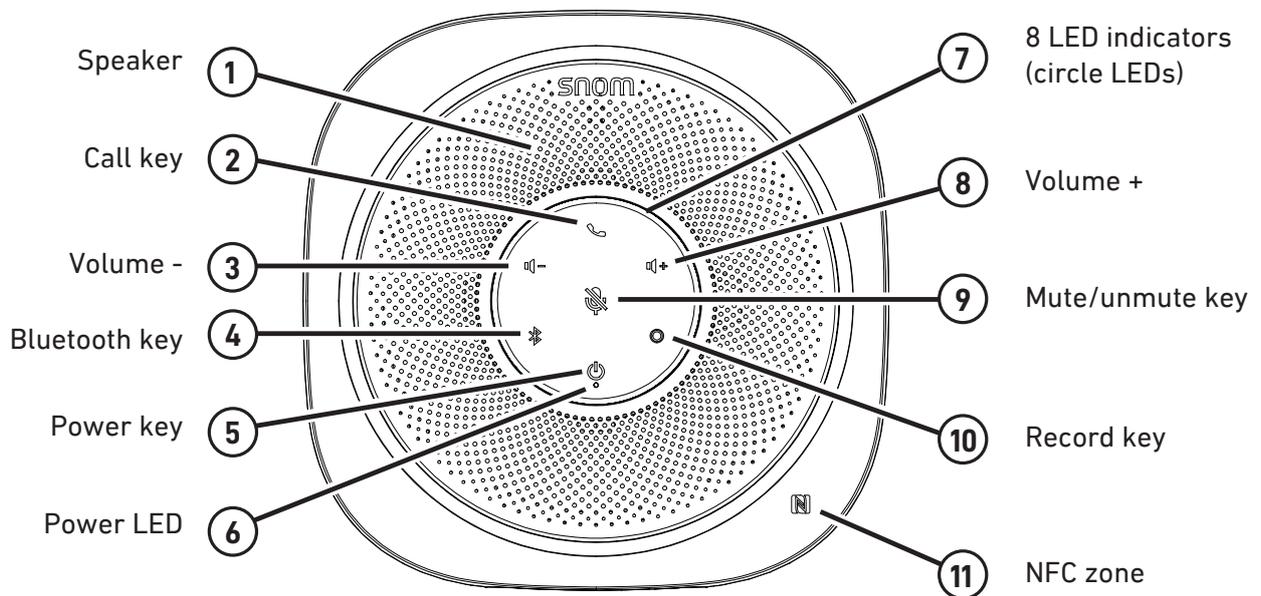
⁽¹⁾ Not included in delivery

Getting to know

Connectors and microphones



Top view



1		Loudspeaker
2		Call key
3		Volume - key
4		Bluetooth key
5		Power key
6	•	Power LED
7		Circle LEDs
8		Volume + key
9		Mute key
10		Record key
11		NFC zone

LED indicators

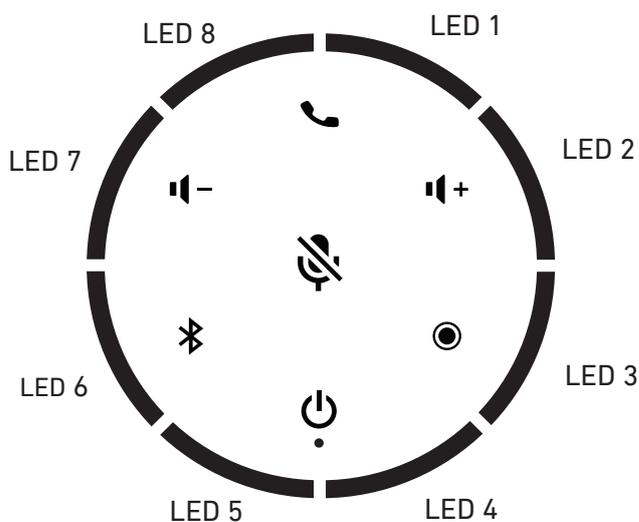
Power LED

(white · weiß · blanc · bianco · blanco)



Steady ON	Power on/an
OFF	Power off/aus
Blinking 1s ON, 1s OFF	Battery is charging · Akku wird geladen · la batterie se recharge · la batteria è in carica · la batería se está cargando

Circle LEDs



Definitions

ON: LED steady on

ON x s, OFF x s: blinking, x seconds on, x seconds off

Red LEDs

ON: microphones are muted

ON 0.5s, OFF 2s: recording

ON 2s, OFF 0.5s: recording and microphones muted

ON 0.12s, OFF 0.12s every 3 minutes: low battery

LED 1, 3, 5, 7 flashing ON 0.2s, OFF 0.2s for a total of 5 seconds

Green LEDs

ON 1s, OFF 1s: ringing

ON 2s: USB connection is ready

LED 1. ON 2s: Volume level 1–2

LED 1 & 2. ON 2s: Volume level 3–4

LED 1-3. ON 2s: Volume level 5–6

.....

LED 1–8. ON 2s: Volume level 15–16

Blue LEDs

Bluetooth

ON 0.2s, OFF 3s: not paired or paired device not available

ON 0,2s, OFF 0,2s: pairing

ON 2s: ready

Battery charge level

8 levels indicated by one LED each lighting up, one after the other, then all turning off after 2s.

1 LED: 12.5 % charged

2 LEDs: 25 % charged

4 LEDs: 50 % charged

6 LEDs: 75 % charged

8 LEDs: 100 % charged

White LEDs

ON 1s: NFC detected

ON 2s: C300 powering up

Firmware update

LED 1 ON 0.2s then OFF, LED 2 ON 0.2s then OFF, LED 3 ON 0.2s then OFF, etc.

Each circle LED lights up for 0.2s and turns off, one after the other clockwise, until upgrade has been completed..

Voice active near LED area

LED 1 ON: Voice active near LED 1

LED 2 ON : Voice active near LED 2

LED 3 ON: Voice active near LED 3

.....

LED 8 ON: Voice active near LED 8

Using

Turning on

Press  for 2 to 5 seconds to turn the device on. The C300 plays a power up melody.

Turning off

Press  for more than 5 seconds to turn the device off. The C300 plays a power down melody.

Connecting to a Windows PC via USB

Plug the USB cable into the USB-C port on the C300. Plug the other end of the cable into the USB-A port on the PC.

When the C300 is recognized by the PC, the circle LEDs turn green for two seconds. The speakerphone becomes the external audio device of the PC.

Connecting to Snom deskphone, Windows PC, or mobile device via Bluetooth pairing

Two sets of Bluetooth paired devices can be connected to the C300, but only one device can be activated at a time.

1. When the C300 is idle, press  for two to five seconds. The circle LEDs flash blue.
2. Open the Bluetooth menu on your Snom deskphone with Bluetooth capability, PC, or mobile device and, if necessary, start Bluetooth or WLAN scanning/detection.
3. Select Snom C300 from the list of available devices.
4. If you are asked for a PIN code, enter 0000.

If pairing was successful, the C300 plays three ascending tones. The circle LEDs turn blue for two seconds.

If pairing failed, the C300 plays three rapid tones. The circle LEDs briefly blink blue every three seconds. Try again or try pairing with a different Bluetooth device.

NOTE: The C300 keeps a record of the last four paired Bluetooth devices. To clear the record, press  for more than five seconds. The speakerphone plays three ascending tones to indicate success.

Pairing a mobile device using NFC

1. On your mobile device, turn NFC on.
2. Place the NFC zone of your mobile device against the NFC zone of the C300 (indicated by ). When NFC is detected, the speakerphone plays a tone. The circle LEDs turn white for one second.

3. If you are asked for a PIN code, enter 0000.

If NFC pairing does not work, try again or try connecting via Bluetooth pairing.

Switching audio to a mobile phone using NFC

The mobile phone must be paired to the speakerphone.

1. Place the NFC zone of your mobile phone against the NFC zone of the speakerphone (indicated by ). When NFC is detected, the speakerphone plays a tone. The circle LEDs turn white for one second.
2. If you are asked for a PIN code, enter 0000.

Play audio

When the C300 is paired to a device, it acts as an external speaker and plays audio from the paired device.

When the C300 is playing audio from a paired Bluetooth device, the audio will be interrupted and changed to PC audio immediately when you connect the C300 to a Windows PC with the USB cable.

If there is a Bluetooth phone call, the USB audio will be interrupted. The audio source of the C300 will be changed to the Bluetooth phone call.

Receive a call

When your paired mobile phone receives an incoming call, the audio currently playing on the C300 is interrupted (regardless whether the audio is from PC USB or Bluetooth device). The C300 rings and the circle LEDs 1–8 flash green.

Answer an incoming call

Press . During the call, some of the circle LEDs turning white indicate the direction from where the microphones are receiving sound.

Call waiting

If your paired mobile phone receives an incoming call while a call is in progress, the C300 beeps twice.

- Press  to hold the current call and switch to the other call.
- Press  for at least two seconds to end the current call and switch to the other call.

Reject an incoming call

Press  for at least two seconds.

End a call

Press .

Record a call

If you connect a USB drive to the USB type-A connector of the C300, you can record the audio of phone calls to the USB drive. All recorded media files are stored in a predefined directory with the model name. For example: *root/C300*. The filename format is *model no. _ date (yymmdd) _ time (hhmmss)*. For example: *C300_210610_09h30m12s.wav*.

To start/stop recording, press . While recording, the circle LEDs flash red ON 0.5s, OFF 2s repeatedly.

Note:

- The speakerphone must be on and the battery must not be low.
- **Warning: Please check your local laws before recording calls. The laws in your area may require that you inform all parties involved in the call before the call can be recorded.**

Volume

- Press  briefly to increase the listening volume by one step.
- Long-press  to increase the listening volume continuously.
- Press  briefly to decrease the listening volume by one step.
- Long-press  to decrease the listening volume continuously.

The respective circle LEDs turn green for two seconds to indicate the volume level. The more LEDs turn green, the higher the volume level.

The C300 will synchronize playback volume with a USB-connected Windows PC or a Bluetooth-connected iPhone or Android phone.

The C300 will synchronize phone call audio volume with a Bluetooth-connected iPhone or Android phone.

Mute

- Press  to mute all six microphones. The circle LEDs turn red. If mute while recording, the multicolored LEDs flash red ON 2s, OFF 0.5s repeatedly.
- Press  again to unmute the microphones.
- Press  while the speakerphone is ringing to temporarily mute the ringing tone.

Connecting a headset

To ensure privacy during a phone call, you can connect a headset to the 3.5mm jack of the C300. The audio will be played through the headset.

Charging

Charging the battery of the C300

1. Plug the USB type C plug of the USB cable included in the delivery into the USB type C port on the C300.
2. Plug USB type A plug at the other end of the cable into the USB type A port of a power source (for example, a PC). While the C300 is charging, its power LED indicator flashes white.

Note: If the C300 is playing audio from a Bluetooth device, it will switch to playing audio from the PC once the PC is connected via USB cable.

Using the C300 to charge an external device

1. Plug the USB type A plug of the USB cable included in the delivery into the USB type-A port of the C300.
2. Plug the USB type C plug at the other end of the cable into the USB type C port of the external device.

Note:

- The C300 must be on and the battery must not be low.
- You can charge the batteries of the C300 and a connected external device at the same time (second USB cable not included in delivery).

Checking the battery level of the C300

Press  briefly. The circle LEDs turn blue one by one to indicate the battery charge level, then off after two seconds. The more blue LEDs displayed, the higher the battery charge level. For example, if the battery is 50% charged, circle LEDs 1 to 4 will turn on one after the other, then off after two seconds.

1 LED:	12.5% charged
2 LEDs:	25 % charged
4 LEDs:	50 % charged
6 LEDs:	75 % charged
8 LEDs:	100 % charged

Low battery warning

The circle LEDs flash and the C300 beeps rapidly every 3 minutes.

App

The Snom C300 app is available on the iTunes store and the Google Play store. This app enables you to perform the following functions on the C300 speakerphone:

- Adjust listening volume
- Mute microphones
- Start/stop recording
- Change speakerphone settings
- Update firmware

For more information, refer to the app's online help. Tap  and then **Help**.

Factory reset

1. Press  for 15 seconds. Circle LEDs 1, 3, 5, 7 flash red quickly for five seconds, and the C300 plays a tone.
2. Press the  key within three seconds. The LEDs turn off, and the C300 plays three ascending tones.

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