

OpenScape Desk Phone CP Telephone

Family

The OpenScape Desk Phone CP family offers three meticulously conceived, compact and easy-to-administer devices to fulfill the infinitely varied needs of a multitude of users.

**OpenScape**



**Desk Phone CP200**

Intuitive, space-saving and convenient

The ergonomically designed, user-friendly and economical devices of the OpenScape Desk Phone CP telephone family are equipped with a wide vari-ety of functions. They can be easily and conveniently operated, without having to make any compromises in the crys-tal-clear HD audio quality or perfor-mance.

Interoperability

**OpenScape**



**Desk Phone CP400**

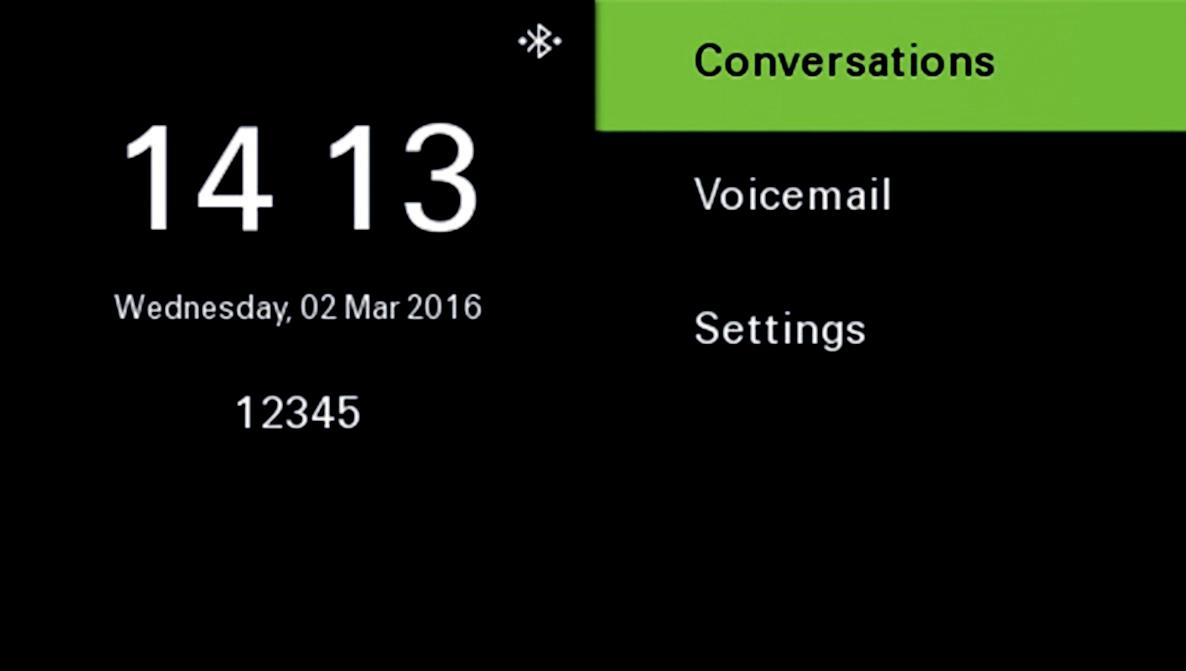


The OpenScape Desk Phone CP family provides for interoperability between the office telephone and other devices via Bluetooth®, incl. Bluetooth LE Bea-con facilitated by Eddystone™.NFC (Near Field Communication) and Cir-cuit make these telephones into a high-performance communications center.

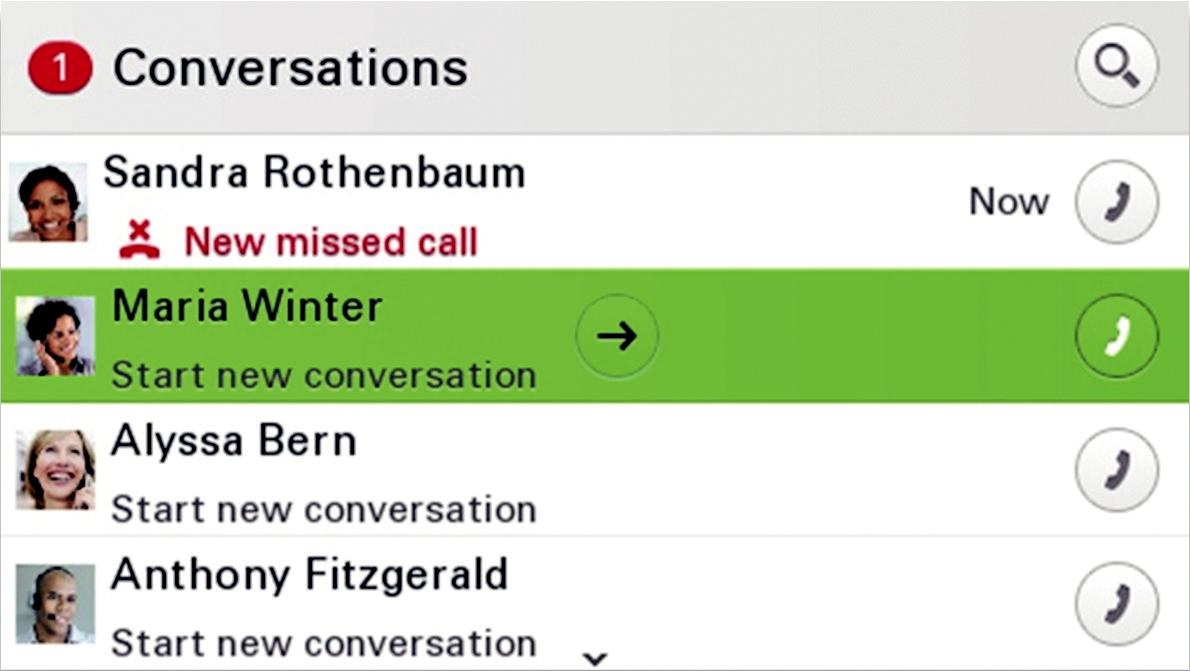
Devices of the OpenScape Desk Phone CP family can be integrated in existing IT/IP infrastructures without any problems. Each telephone features an integrated Ethernet switch and is sup-plied with electrical power by means of Power over Ethernet.

**OpenScape**

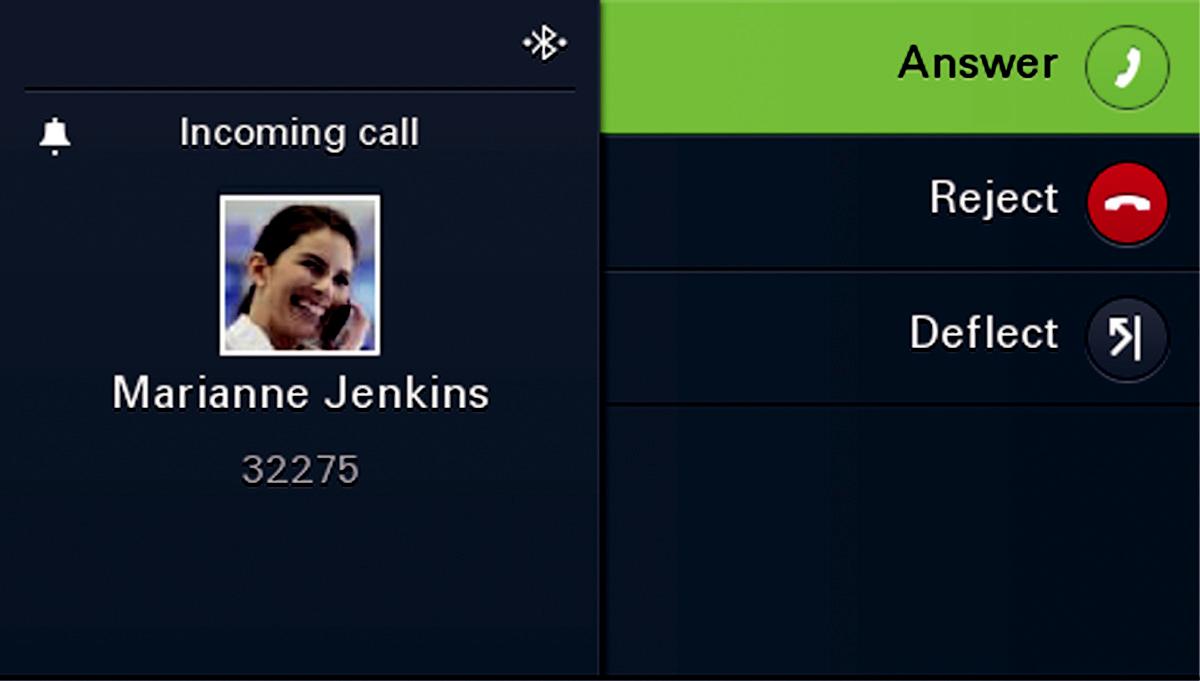
**Desk Phone CP600**



**Main menu for the CP600**



**Establish a call**



**Incoming call**

Acoustics

OpenScape Desk Phone CP works with the latest advances in the field of acoustics, and thus offers superb voice quality in the hand-held unit and hands-free mode.

All models are standard-equipped with a high-quality hands-free feature. In addition, each model offers a connec-tion option for professional headsets.

*Experience ...*

*AudioPresenceTM*



The OpenScape Desk Phone CP product family offers the industry's leading HD voice transmission –

**AudioPresence**TM **HD**.

AudioPresenceTM HD ensures that the users of these telephones can get an immersive audio experience for voice calls and audio conferenc-es. AudioPresenceTM HD is provided for the entire portfolio of the Open-Scape Desk Phone CP product fam-ily.

AudioPresenceTM HD leverages the standards-based G.722 high-defini-tion audio codec, best-in-class speaker, microphone and acoustic components, as well as advanced noise suppression and echo cancel-lation on all Desk Phone CP models.

New and state-of-the art user interface

The colored graphical user interface of the Desk Phone CP600 provides clear legibility and is therefore also easily and intuitively operable during a phone call. All necessary information and functions can be readily recog-nized.

Circuit integration

Unify is the first company to offer the integration of OpenScape Desk Phone CP400/CP600 devices with the Circuit Collaboration software. This integra-tion provides Unify customers with more comprehensive possibilities for working together within a team. Learn more at www.yourcircuit.com.

Operational software

* SIP software is pre-installed
* Plug & Play / automatic software de-ployment via DLS
* CorNet-IP / HFA (CP200)

Phone models

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Desk Phone CP200

Outstanding voice quality, an exten-sive scope of features and a two-line display make this device the ideal choice for users with UC/CTI support.



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Desk Phone CP400

The larger display and individual op-tions for customization make this tele-phone the ideal solution for office workplaces and teams.



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Desk Phone CP600

This device was developed for de-manding users and provides crystal-clear HD voice quality, a brilliant color display and a broad range of functions.



**Display**

* Graphical two-line display (192 x 48 pixels), monochrome
* Signaling LED (red/green/orange)

**Keys**

* 4 freely-programmable function keys with an LED (red/green/orange) Pre-assignment: call log, contacts, forwarding, redialing
* 5 fixed function keys, 3 with LED (red or green):

hold, transfer, conference calling, settings, messages

* 4-way navigator plus OK key
* 3 audio function keys (mute/loud-speaker/headset) with LED
* Volume +/-
* Open listening/hands-free speaking (full duplex)

**Connection options**

• Headset interface (DHSG/EHS)

**Placement**

* Base, two different placement angles
* Wall-mounting (in the future)

**Display**

* Pivotable graphical display, 3.7" (240 x 120 pixels), monochrome
* LED backlighting (white)
* Signaling LED (red/green/orange)

**Keys**

* 4 context-sensitive softkeys with LED (red/green/orange)
* 2 fixed function keys (menu/ab-sence)
* 16 freely-programmable function keys with LED (red/green/orange)
* 4-way navigator plus OK key
* 3 audio function keys (mute/loud-speaker/headset) with LED
* Volume +/-
* Open listening/hands-free speaking (full duplex)

**Connection options**

• Headset interface (DHSG/EHS)

**Placement**

• Base, two different placement angles

**Display**

* Pivotable graphic color display, 4.3" (480 x 272 pixels)
* LED backlighting (white)
* Signaling LED (red/green/orange)

**Keys**

* 5 context-sensitive softkeys with LED (red/green/orange)
* 2 fixed function keys (menu/ab-sence)
* 4-way navigator plus OK key
* 3 audio function keys (mute/loud-speaker/headset) with LED
* Volume +/-
* Open listening/hands-free speaking (full duplex)

**Connection options**

* Headset interface (DHSG/EHS)
* Bluetooth 2.1 BR/EDR
* Bluetooth 4.1 LE
* NFC
* Slot for SD card

**Placement**

* Base, two different placement angles
* Wall-mounting (in the future)

Accessories

Key module KM400

The key module KM400 can also be connected to the Desk Phone CP400.

The 16 freely-programmable keys with LED signaling can have various func-tions assigned as desired.



* 16 freely-programmable keys with LEDs (red/green/orange)
* Key labeling using paper inlays
* Max. 2 key modules connectible to a CP400
* Only usable on CP400

Key module KM600

The key module KM600 can also be connected to the Desk Phone CP600.

Each of the 12 freely-programmable keys with LED signaling can be as-signed with functions on two levels. This supplementally increases the pos-sible scope of functions.

The high-contrast, monochrome TFT display enables comfortable and per-fectly legible labeling of each key.



* 12 freely-programmable keys with LEDs (red/green/orange)
* Key labeling by means of a mono-chrome TFT display
* 2 navigation keys for switching be-tween the first and second levels
* Max. 4 key modules connectible to a CP600
* Only usable on CP600

Communications platforms

The OpenScape Desk Phone CP prod-uct family supports SIP (Session Initia-tion Protocol) signaling. The CP200 also supports CorNet-IP / HFA.

The following communications plat-forms are supported:

SIP

* OpenScape Voice V7 R1
* OpenScape Voice V8
* OpenScape Voice V9
* OpenScape 4000 V8

HFA

• OpenScape Business V2 R2

Technical data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Desk Phone CP200** | **Desk Phone CP400** |  | **Desk Phone CP600** |  |
|  |  |  |  |  |  |
| **Housing color** |  | black | |  |  |
|  |  |  | |  |  |
| **Placement angle** |  | 2-stage | |  |  |
|  |  |  | |  |  |
| **Handset and base embossed with Unify** |  | Yes | |  |  |
| **logo** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Display** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Dimensions** | Graphical two-line | Graphical display, 3.7" |  | Graphical color display, |  |
|  | display |  |  | 4.3" |  |
|  | 192 x 48 pixels | 240 x 120 pixels |  | 480 x 272 pixels |  |
|  |  |  |  |  |  |
| **Color** | Monochrome | Monochrome |  | 16-bit color depth |  |
|  |  |  |  |  |  |
| **Backlighting** | No | White LED |  | White LED |  |
|  |  |  |  |  |  |
| **Adjustable display** | No | Yes |  | Yes |  |
|  |  |  |  |  |  |
| **Additional optical call alert** |  | Yes (red/green/orange) | |  |  |
|  |  |  |  |  |  |
| **Keys/LEDs** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Context-sensitive softkeys** | No | 4 with LED (red/green/ |  | 5 with LED (red/green/ |  |
|  |  | orange) |  | orange) |  |
|  |  |  |  |  |  |
| **Fixed function keys** | 5 | 2 |  | 2 |  |
|  | 3 with LED | (Menu/absence) |  | (Menu/absence) |  |
|  | Hold, transfer, confer- |  |  |  |  |
|  | ence calling, settings, |  |  |  |  |
|  | messages |  |  |  |  |
|  |  |  |  |  |  |
| **Free-programmable keys** | 4 with LED | 16 with LED |  | None |  |
|  | (red/green/orange) | (red/green/orange) |  | Alternative: 4 favorites |  |
|  |  |  |  |  |
|  | Pre-assignment: call log, |  |  | with LED (red/green/ |  |
|  | contacts, forwarding, re- |  |  | orange) |  |
|  | dialing |  |  |  |  |
|  |  |  |  |  |  |
| **Key labeling** | Paper | Paper |  | Display |  |
|  |  |  |  |  |  |
| **Audio keys** |  | 3 |  |  |  |
|  | (Mute/loudspeaker/headset) with LED | | | |  |
|  |  | Volume +/- | |  |  |
|  |  | | |  |  |
| **Navigation** | 4-way navigator, plus OK key | | |  |  |
|  |  |  |  |  |  |
| **Audio** |  |  |  |  |  |
|  |  |  |  |  |  |
| **G.711 (64 kbit/s a/µ-law)** |  | Yes | |  |  |
|  |  |  | |  |  |
| **G.722 (64 kbit/s)** |  | Yes | |  |  |
|  |  |  | |  |  |
| **G.729AB (8 kbit/s)** |  | Yes | |  |  |
|  |  |  | |  |  |
| **Open listening** |  | Yes | |  |  |
|  |  |  | |  |  |
| **Full duplex handsfree** |  | Yes | |  |  |
|  |  |  | |  |  |
| **Echo canceling for local echo (AEC)** |  | Yes | |  |  |
| **full duplex** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Interfaces** |  |  |  |  |  |
|  |  |  |  |  |  |
| **LAN connection** | 10/100 Mbit/s | 10/100/1000 Mbit/s |  | 10/100/1000 Mbit/s |  |
| **(Ethernet with auto-sensing)** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Integrated switch** |  | Yes | |  |  |
|  |  |  |  |  |  |
| **Energy Efficient Ethernet (IEEE 802.3az)** | No | Yes |  | Yes |  |
|  |  |  |  |  |  |
| **Headset jack for cord-connected** |  | Yes | |  |  |
| **(121 TR9-5) and cordless headsets** |  |  |  |  |  |
| **(121 TR9-5\*)** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Bluetooth V2.1 BR/EDR** | No | No |  | Yes |  |
| **(hands-free profile, headset profile)** |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Desk Phone CP200** |  | **Desk Phone CP400** | **Desk Phone CP600** |  |
|  | |  |  |  |  |  |
| **Bluetooth Low Energy 4.1** | | No |  | No | Yes |  |
|  | |  |  |  |  |  |
| **Passive RFID tag** | |  |  | Yes |  |  |
|  | |  | |  |  |  |
| **Passive NFC tag with:** | | No |  | No | Yes |  |
| • | BT MAC address |  |  |  |  |  |
| • | LAN MAC address |  |  |  |  |  |
|  | |  |  |  |  |  |
| **SD card slot** | | No |  | No | Yes |  |
|  | |  |  |  |  |  |
| **VoIP protocol** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **SIP** | |  |  | Yes |  |  |
|  | |  | |  |  |  |
| **CorNet IP / HFA** | | Yes |  | No | No |  |
|  | |  |  |  |  |  |
| **Expansions** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Connection option for Key module** | | No |  | Yes | Yes |  |
|  |  |  |  | Up to 2 KM400 | Up to 4 KM600 |  |
|  | |  |  |  |  |  |
| **Wall mounting kit** | | Yes |  | No | Yes |  |
|  | |  |  |  |  |  |
| **Security features** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Layer 2 authentication (IEEE 802.1x)** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **Payload encryption via SRTP** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **Signaling via TLS encryption** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **Support of digital certificates (X.509 V3)** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **HTTPS** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **Network** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **LLDP-MED** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **QoS (DiffServ and IEEE 802.1Q)** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **IEEE 802.1Q** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **Power supply** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Power over Ethernet (PoE, IEEE 802.af)** | |  |  | Yes |  |  |
|  | |  |  |  |  |  |
| **PoE class** | | 1 |  | 2 | 2 |  |
|  | |  |  |  |  |  |
| **OpenStage power supply (country-spe-** | | Optional |  | Optional | Optional |  |
| **cific models available)** | |  |  |  | (always necessary as of |  |
|  |  |  |  |  | the 2nd Key module) |  |
|  | |  |  |  |  |  |
| **Certifications** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Europe** | | CE mark | |  |  |  |
| **USA/Canada** | | NRTL marking | |  |  |  |
|  | |  | |  |  |  |
| **Safety standards** | | IEC60950-1, EN60950-1 | |  |  |  |
|  |  | UL60950-1, CAN/CSA-C22.2 No.60950-1 | | |  |  |
|  | |  | |  |  |  |
| **EMC standards** | | CISPR22 Class B, CISPR 24 | |  |  |  |
|  |  | EN55022 Class B, EN55024 | |  |  |  |
|  |  | FCC Part 15 (CFR 47) Class B | |  |  |  |
|  | |  | | |  |  |
| **Hearing aid compatibility (HAC)** | | FCC Part 68 (CFR 47) / CS-03 Part V | | |  |  |
|  | |  |  |  |  |  |
| **Technical data** | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Dimensions (angle (°) x height [mm] x** | | 20° x 113 x 219 x 207 |  | 20° x 143 x 283 x 207 | 20° x 150 x 219 x 207 |  |
| **width [mm] x depth [mm])** | | 45° x 173 x 219 x 165 |  | 45° x 189 x 283 x 165 | 45° x 193 x 219 x 165 |  |
|  |  |  |  |
|  | |  |  |  |  |  |
| **Weight [kg]** | | 0.837 |  | 1.121 | 0.96 |  |
|  | |  |  | |  |  |
| **Storage conditions** | | -40 °C to +70 °C (-40 °F to +158 °F) | | | |  |
|  | |  | | | |  |
| **Operating conditions** | | +5 °C to +40 °C (+41 °F to +104 °F) | | | |  |
|  |  |  |  |  |  |  |

Notes



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