



OpenScape Desk Phone CP telephone family

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



**OpenScape
Desk Phone CP100**



**OpenScape
Desk Phone
CP200/CP205**



**OpenScape
Desk Phone CP400**



**OpenScape
Desk Phone CP600E**
**OpenScape
Desk Phone CP600**

(*) Only CP600

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 variety of functions. They can be easily and conveniently operated, without having to make any compromises in the crystal-clear HD audio quality or performance.

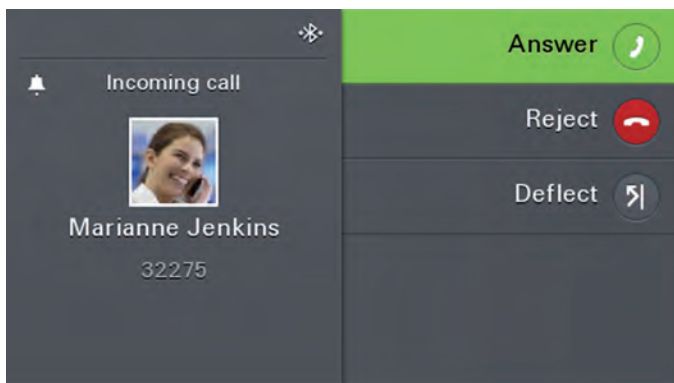
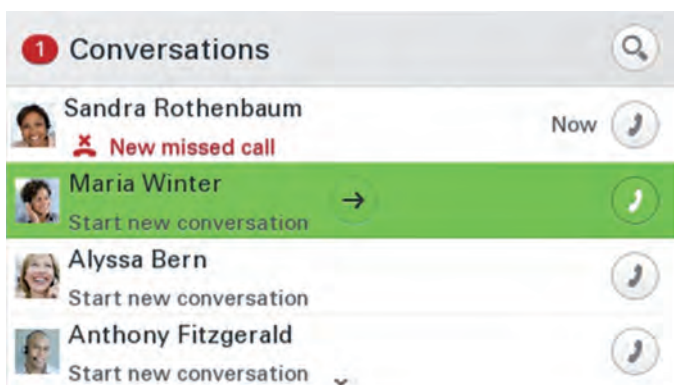
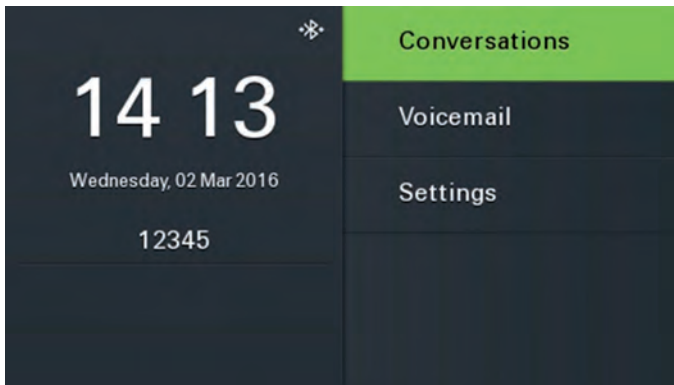
Interoperability

The OpenScape Desk Phone CP family provides for interoperability between the office telephone and other devices via Bluetooth®, incl. Bluetooth LE Beacon facilitated by Eddystone™. NFC (Near Field Communication) and Circuit 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 supplied with electrical power by means of Power over Ethernet.

Example illustrations

Illustration dependent on the communication system used



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 recognized.

Circuit integration

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

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, most models offers a connection option for professional headsets.

Experience ...
AudioPresence™



The OpenScape Desk Phone CP product family offers the industry's leading HD voice transmission - **AudioPresence™ HD**.

AudioPresence™ HD ensures that the users of these telephones can get an immersive audio experience for voice calls and audio conferences. AudioPresence™ HD is provided for the most of the entire portfolio of the OpenScape Desk Phone CP product family.

AudioPresence™ HD leverages the standards-based G.722 high-definition audio codec, best-in-class speaker, microphone and acoustic components, as well as advanced noise suppression and echo cancellation on all Desk Phone CP models.

Operational software

- SIP software is pre-installed
- Plug & Play / automatic software deployment via DLS
- CorNet-IP / HFA

Phone models

OpenScape Desk Phone CP100

The ideal device for entry level, low-cost scenarios without compromise in quality.



Display

- Graphical three-line display (162 x 48 pixels), monochrome
- Signaling LED (red)

Keys

- 3 freely programmable function keys with Soft Label on LCD
Pre-assignment: call log, forwarding, redialing
- 2 fixed function keys: settings, messages
- 3-way navigator plus OK key
- 2 audio function keys (mute/loudspeaker)
- Volume +/-
- Open listening/hands free speaking (full duplex)

Placement

- Base, two different placement angles
- Integrated Wall mounting in the base

OpenScape Desk Phone CP200/CP205

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



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/loudspeaker/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

OpenScape Desk Phone CP400

The larger display and individual options for customization make this telephone the ideal solution for office workplaces and teams.



Display

- Pivotal 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/absence)
- 16 freely-programmable function keys with LED (red/green/orange)
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset) with LED
- Volume +/-
- Open listening/hands-free speaking (full duplex)

Connection options

- Headset interface (DHSG/EHS)

Placement

- Base, two different placement angles

OpenScape Desk Phone CP600/600E

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



Display

- Pivotal graphic color display, 4.3" (480 x 272 pixels)
- CP600: color, CP600E greyscale
- LED backlighting (white)
- Signaling LED (red/green/orange)

Keys

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

Connection options

CP600E/CP600:

- Headset interface (DHSG/EHS)

CP600 only:

- Bluetooth 2.1 BR/EDR
- Bluetooth 4.1 LE
- NFC
- Slot for SD card

Placement

- Base, two different placement angles
- Wall-mounting

Accessories

OpenScape Key Module 400

The OpenScape Key Module 400 can be connected to the Desk Phone CP400.

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



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

OpenScape Key Module 600

The OpenScape Key Module 600 can be connected to the Desk Phone CP600/CP600E.

Each of the 12 freely-programmable keys with LED signaling can be assigned with functions on two levels. This supplementally increases the possible scope of functions.

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



- 12 freely-programmable keys with LEDs (red/green/orange)
- Key labeling by means of a monochrome TFT display
- 2 navigation keys for switching between the first and second levels
- Max. 4 (CP600) / 2 (CP600E) key modules connectable
- Only usable on CP600/CP600E

Communications platforms

The OpenScape Desk Phone CP product family supports SIP (Session Initiation Protocol) signaling.

The following communications platforms are supported:

SIP

- from OpenScape Voice V7R1
- from OpenScape 4000 V8

CP100

- From OpenScape Voice V9R3
- From OpenScape 4000 V8R2

HFA

CP100

From OpenScape Business V2R6

CP200/CP205

- from OpenScape Business V2R2
- from OpenScape 4000 V8

CP400/600

- from OpenScape Business V2R3
- from OpenScape 4000 V8R1

Technical data

	Desk Phone CP100	Desk Phone CP200/CP205	Desk Phone CP400	Desk Phone CP600/CP600E
Housing color	black			
Placement angle	2-stage			
Handset and base embossed with Unify logo	Yes			
Display				
Dimensions	Graphical three-line display 162 x 48 pixels	Graphical two-line display 192 x 48 pixels	Graphical display, 3.7" 240 x 120 pixels	CP600: Graphical color display, 4.3" CP600E: Graphical greyscale display, 4.3" 480 x 272 pixels
Color	Monochrome	Monochrome	Monochrome	CP600: 16-bit color depth CP600E: 256 greyscales
Backlighting	No	No	White LED	White LED
Adjustable display	No	No	Yes	Yes
Additional optical call alert	Yes (red)	Yes (red/green/orange)		
Keys/LEDs				
Context-sensitive softkeys	No	No	4 with LED (red/green/orange)	5 with LED (red/green/orange)
Fixed function keys	2 (Settings/messages)	5 3 with LED Hold, transfer, conference calling, settings, messages	2 (Menu/absence)	2 (Menu/absence)
Free-programmable keys	3 with LCD Label call log, forwarding, redialing	4 with LED (red/green/orange) Pre-assignment: call log, contacts, forwarding, redialing	16 with LED (red/green/orange)	None Alternative: favorites with LED (red/green/orange)
Key labeling	Display	Paper	Paper	Display
Audio keys	2 (Mute,loudspeaker) Volume +/-	3 (Mute/loudspeaker/headset) with LED Volume +/-		
Navigation	3-way navigator, plus OK key	4-way navigator, plus OK key		
Audio				
G.711 (64 kbit/s a/μ-law)	Yes			
G.722 (64 kbit/s)	No	Yes		
G.729AB (8 kbit/s)	Yes			
Open listening	Yes			
Full duplex handsfree	Yes			
Echo canceling for local echo (AEC) full duplex	Yes			
Interfaces				
LAN connection (Ethernet with auto-sensing)	10/100 Mbit/s	CP200: 10/100 Mbit/s CP205: 10/100/1000 Mbit/s	10/100/1000 Mbit/s	10/100/1000 Mbit/s
Integrated switch	Yes			

	Desk Phone CP100	Desk Phone CP200/CP205	Desk Phone CP400	Desk Phone CP600/CP600E
Energy Efficient Ethernet (IEEE 802.3az)	No	CP200: No CP205: Yes	Yes	Yes
Headset jack for cord-connected (121 TR9-5) and cordless headsets (121 TR9-5*)	No	Yes		
Bluetooth V2.1 BR/EDR (hands-free profile, headset profile)	No	No	No	Yes/No
Bluetooth Low Energy 4.1	No	No	No	Yes/No
Passive RFID tag	Yes			
Passive NFC tag with: • BT/LAN MAC address	No	No	No	Yes/No
SD card slot	No	No	No	Yes/No
VoIP protocol				
SIP	Yes			
CorNet IP / HFA	Yes			
Expansions				
Connection option for Key module	No	No	Up to 2 KM400	CP600: Up to 4 KM600 CP600E: Up to 2 KM600
Wall mounting kit	Yes	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	1	2	2
Power consumption according to annual load cycle of RAL-UZ 150 (w/o. 802.3 az) [kWh]	18,4	CP200: 19,1 CP205: 19,6 (21,3)	21,8 (24,2)	24,8 (27,1)
OpenStage power supply (country-specific models available)	Optional	Optional	Optional	Optional (always necessary as of the 2 nd Key module)
Ecolabel certifications				
THE BLUE ANGEL	Yes (CP100/CP600E: No)			
ENERGY STAR	Yes			

	Desk Phone CP100	Desk Phone CP200/CP205	Desk Phone CP400	Desk Phone CP600/CP600E
Technical data				
Dimensions (angle (°) x height [mm] x width [mm] x depth [mm])	17° x 100 x 161 x 200 51° x 170 x 161 x 146	20° x 113 x 219 x 207 45° x 173 x 219 x 165	20° x 143 x 283 x 207 45° x 189 x 283 x 165	20° x 150 x 219 x 207 45° x 193 x 219 x 165
Weight [kg]	0.65	0.84	1.13	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)			



All phones of the **OpenScape Desk Phone CP** family have been awarded with the “Blue Angel” in Germany. THE BLUE ANGEL is the first and oldest environment-related label for products and services.

The proprietor of this environmental label is the German Federal Ministry for the Environment, Nature Protection and Reactor Safety.

We are the first company to fulfill the high standards of THE BLUE ANGEL in protecting the environment and the climate with its VoIP telephones. This is accomplished through their high energy efficiency, the efficient use of materials and the environmentally friendly recycling strategy.

Further information can be found at:

http://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP



ENERGY STAR is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency criteria or requirements set by the U.S. Environmental Protection Agency.

Learn more at: energystar.gov

Unify is an ENERGY STAR partner participating in the ENERGY STAR program for Enterprise Servers and Telephony.

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Notes
