Information

OpenStage T
The Open Unified Communication Devices

OpenStage is a totally new generation of phones which sets the benchmark for Open Unified Communications. These stylish devices provide an intuitive and engaging communication experience, incorporating innovative features.
OpenStage is the prelude to a new era of high value in people-centric communication solutions.

Communication for the open minded

SIEMENS

Overview

The OpenStage family is intuitive in functionality and interface, integrated through interoperability with other devices, and multimodal to allow access to various services and applications.

The OpenStage family is designed to be extremely user friendly and simplify feature implementation. Sensorial interfaces based on advanced technology solutions (touch keys, embedded color LEDs, TouchSlider for volume control and TouchGuide navigator) as well as large, tiltable, backlit color graphical displays in TFT technology facilitate user interaction.

Soft-labeled (paperless phone) touch sensor keys can be easily programmed for specific phone functions, line/feature access or speed dial by name. An ideal solution for office applications where mobility and flexibility are important factors.

Fixed feature/function push keys (such as Drop/Release, Redial, Call Forwarding, Mute, Speaker) and dedicated touch sensor application/function keys (such as Telephony Call View, Phone Book, Call Log/History, Message Waiting) enable easy access to frequently needed phone functions.

OpenStage incorporates the latest developments in leading edge acoustics to ensure delivery of the very best voice quality on the handset and speakerphone (thanks to the handset design, speaker model, and housing dimensions). A high quality speakerphone is built in as standard in all models (exception OpenStage 10 T).

Today's workstations frequently feature many different device types (such as PCs, mobile phones, PDAs, and headsets). OpenStage has built-in interfaces (such as USB and Bluetooth) to interwork with these devices.
A range of innovative adapters enables OpenStage to be aligned with specific workplace requirements (such as connection to add-ons, fax machines or phones).

OpenStage design highlights include variation of materials and colors (from molded plastic in ice blue or lava to high-end silver blue metallic lacquering and brushed aluminum).

The OpenStage TDM phone family comprises five distinct phone models:

- OpenStage 80 T
- OpenStage 60 T
- OpenStage 40 T
- OpenStage 20 T
- OpenStage 10 T

OpenStage 10 T is an integral part of the OpenStage T Family and provides the most important telephony functions. The succeeding models have increased feature capabilities and perceived value culminating in the high-end OpenStage 80 T model targeted at top level managers and executives.

Product Family

The OpenStage TDM phones give you fast and convenient access to the wide range of HiPath features via the tried and tested U_{P0E} system interface with extended CorNet-TS protocol. New software versions can be downloaded to the phones via HiPath Management (exception OpenStage 10 T). All OpenStage phones can be software-customized with the logo of the individual customer or partner (exception OpenStage 10 T).

OpenStage 10 T

OpenStage 10 T is the device of choice wherever only the most essential telephony functions are required. The telephone is suitable for use in reception areas and warehouses, for example.

Keys
- Keypad
- 3 freely programmable keys with red LEDs
- Speaker key with red LED
- Control keys +/-

Acoustics
- Open listening

Wall-mountable

OpenStage 10 T
ice blue

OpenStage 10 T
lava

OpenStage 20 T

This full-featured speakerphone with it's intuitive and interactive user interface is a universal solution for efficient and professional telephony.

Display
- Tiltable graphical display, 2 lines monochrome

Keys
- Keypad
- 7 fixed function keys (partly equipped with red LEDs)
- Control keys +/-
- 3-way navigator

Acoustics
- Hands free talking (full duplex)

Wall-mountable

OpenStage 20 T
ice blue

OpenStage 20 T
lava

OpenStage 40 T

Customizable for various workplace environments OpenStage 40 T is recommended for use as an office phone, e.g. for desk sharing, people working in teams or call center staff.

Display
- Tiltable graphical display, 6 lines monochrome, backlit
- Optical call alert

Keys
- Keypad
- 8 fixed function keys (partly equipped with red LEDs)
- 6 freely programmable touch keys (illuminated) with red LEDs (function, speed dial or line keys)
- Control keys +/-
- 5-way navigator

Acoustics
- Hands free talking (full duplex)

Interfaces
- Headset jack
- USB slave

Wall-mountable

OpenStage 60 T and 80 T

OpenStage 60 T

Offers top-notch functionality and innovations, combining a maximum of usability with a clear, intuitive and sleek design. It's functionality and personalization options make this phone the first choice for boss-/secretary environments and people interacting with other devices, like mobile phones or PDAs.

OpenStage 80 T

OpenStage 80 T has the same functional scope as OpenStage 60 T. Premium colors, materials and components turn this device into an extraordinary user experience. Interfaces for easy synchronization with other devices, like PDA and mobile phone are specially designed with the needs of the top level manager and executive in mind.

Display
- Tiltable graphical color TFT display, 320 x 240 pixel (QVGA), backlit
- Optical call alert

Keys
- Keypad
- 6 fixed function keys (partly equipped with blue LEDs)
- 8 freely programmable touch keys (illuminated) with blue LEDs (function, speed dial or line keys)
- 6 mode keys (touch keys, illuminated) with blue or blue/white LEDs (e.g. to start applications)
- TouchSlider for volume adjustment with blue/white LEDs
- TouchGuide for navigation

Acoustics
- Hands free talking (full duplex)
- High quality ringer tones

Interfaces
- Headset jack
- Bluetooth V2.0
- USB master & slave
- External power supply necessary

OpenStage 40 T
ice blue

OpenStage 60 T
ice blue

OpenStage 80 T

OpenStage 40 T
lava

OpenStage 60 T
lava

OpenStage Manager

Free OpenStage Manager software for communication between PC and phone (via USB) will be available with the release of OpenStage 80 T and 60 T. It will allow users to carry out the following functions:

- Administer the OpenStage Phone Book
  - Synchronize contacts
  - Edit the phone book
  - Add pictures
  - Assign polyphonic ring tones to groups
- Load screen saver pictures

Personalization

OpenStage 80 T, 60 T provide users with various options for customizing the phone to their individual requirements:

- Load (mp3) ring tones from the PC and assign to contacts
- Load pictures from the PC and assign to contacts
- Change the phone appearance using different skins (2 skins will be provided)
- Create a personal screen saver

Accessories

For the respective OpenStage models a comprehensive range of accessories will be released separately. Here is a complete list of accessories:
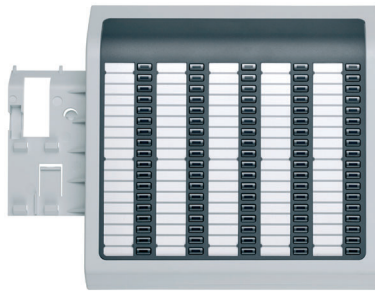
OpenStage Key Module 40, 60, 80

- 12 additional freely programmable keys with LEDs; function, speed dial or line keys (multiple layers)
- Large graphical display for key labeling
- In ice blue, lava or silver blue metallic
- For OpenStage 40 T, 60 T, 80 T (up to 2 units can be connected)

OpenStage Busy Lamp Field 40

- 90 additional freely programmable keys with LEDs; function, speed dial or line keys
- Key labelling with paper strips
- Only for HiPath 3000
- In ice blue or lava
- External power supply necessary
- For OpenStage 40 T (only 1 unit can be connected)

OpenStage Phone Adapter

- Connection of:
  - a second OpenStage phone with U_{POE} or
  - an analog device (phone or fax)
- For OpenStage 10 T, 20 T, 40 T, 60 T, 80 T

Wall mount kit

- In ice blue or lava
- For OpenStage 10 T, 20 T, 40 T

HiPath Support

OpenStage TDM phones can be used with HiPath 3000 version 7 or later and HiPath 4000 version 4 or later.

Public Telephone Network Access/ acoustics/speech quality

- FCC Part 68/CS-03 (Technical Requirements for Connection of Terminal Equipment to the Telephone Network)
- TIA/EIA-810A (Transmission Requirements for Narrowband VoIP and Voice over PCM Digital Wireline Telephones)
- TBR8 (Telephony 3.1 kHz teleservices; Attachment requirements for handset terminals
- Hearing aid capability (HAC) according to TIA/EIA-504A (Electronic industries association recommended standard RS-504 magnetic field intensity criteria for telephone compatibility with hearing aids)

Technical Data

	OpenStage 10 T	OpenStage 20 T	OpenStage 40 T	OpenStage 60 T	OpenStage 80 T
Display					
Tiltable display (pixels, type)	–	205 x 41 pixels 2 lines, mono-chrome	240 x 128 pixels 6 lines, mono-chrome	320 x 240 pixels (QVGA) color TFT	320 x 240 pixels (QVGA) color TFT
Backlit display	–	–	Yes	Yes	Yes
Keys/LEDs					
Fixed function keys (pushbuttons, partly illuminated)	1 1 red LED	7 5 red LEDs	8 6 red LEDs	6 5 blue LEDs	6 5 blue LEDs
Freely programmable touch keys (illuminated)	3 Keys (pushbutton) with red LEDs	–	6 Keys with red LEDs	8 Keys with blue LEDs	8 Keys with blue LEDs
Mode keys (touch keys, illuminated)	–	–	–	6 with blue or blue/white LEDs	6 with blue or blue/white LEDs
Optical call alert	–	–	red	blue	blue
Volume adjustment	+/- key	+/- key	+/- key	TouchSlider blue/white LED	TouchSlider blue/white LED
Navigation element	–	3-way	5-way	TouchGuide	TouchGuide
Audio					
Open listening	Yes	Yes	Yes	Yes	Yes
Full duplex hands-free	–	Yes	Yes	Yes	Yes
Polyphonic ring tones	–	–	–	Yes	Yes
Echo canceling for local echo (AEC) full duplex	–	Yes	Yes	Yes	Yes
Interfaces					
Bluetooth V2.0 ● Object Push Profile: Send and receive business cards / vCards ● Headset Profile: Connect a Bluetooth headset	–	–	–	Yes	Yes
Headset jack for corded/cordless headsets (RJ45, 121TR9-5*)	–	–	Yes	Yes	Yes
USB Master	–	–	–	Yes	Yes
USB Slave (1st Party CTI) (future version)	–	–	Yes	Yes	Yes
Interface for add-ons (up to 2, ext. power supply necessary)	–	–	Yes	Yes	Yes
Line interface (CorNet-TS protocol, software download via U_{POE})	U_{POE} (no software download	U_{POE}	U_{POE}	U_{POE}	U_{POE}
Expansions					
OpenStage Key Module (up to 2, ext. power supply necessary)	–	–	Yes	Yes	Yes
OpenStage Busy Lamp Field (only on HiPath 3000, ext. Power supply necessary)	–	–	Yes	–	–
OpenStage Phone Adapter (via U_{POE})	Yes	Yes	Yes	Yes	Yes
External power supply unit (EU, US or UK)	Yes	Yes	Yes	Yes (necessary in all cases)	Yes (necessary in all cases)

	OpenStage 10 T	OpenStage 20 T	OpenStage 40 T	OpenStage 60 T	OpenStage 80 T
Wall mount kit	Yes	Yes	Yes	–	–
Applications					
Local personal phone book ● Up to 1,000 personal entries with numbers ● Combination of contacts into groups ● Add a picture to favorite contacts	–	–	–	Yes	Yes
Local call list ● See the list of missed, forwarded, dialed and received calls ● Dial from the Call Log List	–	–	–	Yes	Yes
Save and restore personal data using a PC or USB memory stick	–	–	–	Yes	Yes
OpenStage Manager support	–	–	–	Yes	Yes
Certifications					
	CE marking: EMC EN 55022 class B, EN 55024, EN 61000-4-11, EN 61000-3-2 Product safety EN 60950-1 USA / Canada: EMC (FCC) Part 15 (CFR 47) class B Product safety UL 60950-1 / CSA 22.2 No. 60950-1-03				
Technical data					
Dimensions (height x breadth x depth [mm])	70 x 210 x 220	70 x 240 x 220	70 x 270 x 220	70 x 300 x 220	70 x 300 x 220
Weight (kg)	0.63	0.864	1.120	1.235	1.428
Colors	ice blue or lava	ice blue or lava	ice blue or lava	ice blue or lava	silver blue
Storage conditions	-40 °C to +70 °C (ETSI EN300 019-2-2)				
Operating conditions	+5 °C to +40 °C				

Communication for the open minded

Siemens Enterprise Communications
www.siemens.com/open