

The optiset E system telephone

for Hicom 100 E / Hicom 150 E / Hicom 150 H

The optiset E telephones are designed to give quick and easy access to the relevant Hicom® features.

3 menu keys and a display are provided for simplified interactive user-prompting.

Furthermore, LEDs allocated to certain keys give the user an immediate overview of activated features.

The various operating functions are clearly divided into submenus and shown on the display. Features are activated directly (using a code) via the service key.

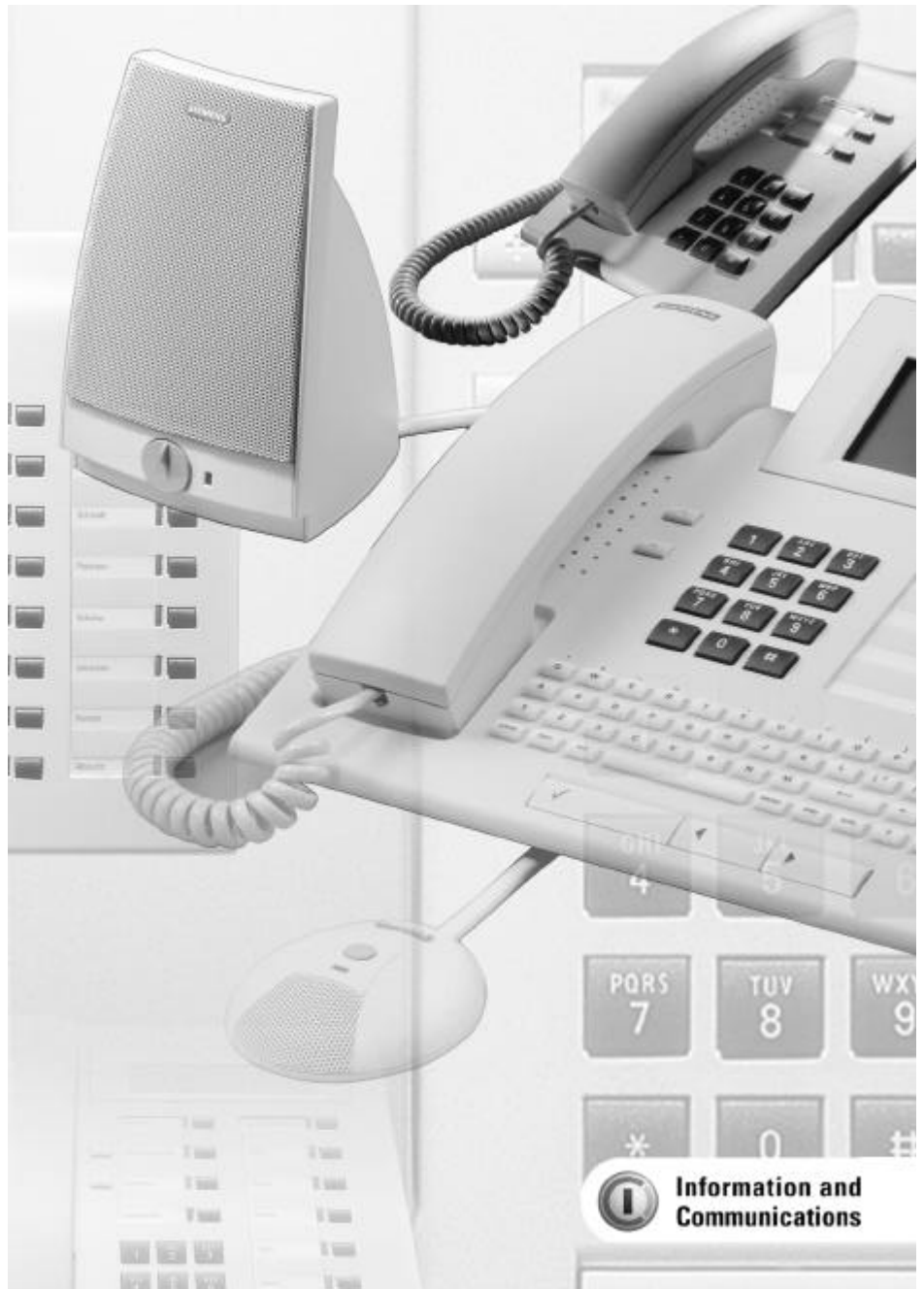
Important features are assigned to an individual feature key.

The following telephones are available:

- optiset E entry,
- optiset E basic,
- optiset E standard,
- optiset E comfort,
- optiset E conference,
- optiset E memory.

Thanks to the innovative optiset E adapter concept, this range of telephones can immediately be adapted to the requirements of individual workstations. Different adapters can simply be plugged or unplugged from the underside of the telephone so that additional terminals (e.g. PC, fax machines, telephones, headsets) can be connected directly at the workstation.

In recognition of their superior user-friendliness, optiset E telephones have been awarded the VDE quality mark.



Telephones

optiset E entry

The low-price entry into digital technology:

- 3 feature keys with LEDs specifically configured for:
 - Message/info,
 - Number redial,
 - Consultation.
- 2 keys (plus/minus) for setting the receive volume in the handset as well as the volume/pitch of the ringing signal.
- Suitable for wall installation.

Additional features can be activated using codes.

optiset E basic

The basic version for voice and data communications:

Same features as optiset E entry, with additionally:

- 1 adapter plug-in position (for optiset E analog, ISDN, data or phone adapters),
- Open listening,
- On-hook dialing,
- 8 feature keys with LEDs specifically configured for:
 - Consultation,
 - Number redial,
 - Message/info,
 - Callback,
 - Speed dialing,
 - Disconnect,
 - Loudspeaker.



Telephones

optiset E standard

Offering a comprehensive range of features optimized for telephoning:

- 3 menu keys for interactive user prompting:
Yes, Return, and Continue keys.
- Rotatable alphanumeric LCD display with two 24-character lines.
- Handsfree talking, open listening
- 12 feature keys with LEDs:
8 programmable name keys,
4 keys specifically configured for:
 - Service menu,
 - Number redial,
 - Internal or microphone on/off,
 - Loudspeaker.
- 2 keys (plus/minus) for setting the receive volume in the handset as well as the volume/pitch of the ringing signal.
- Suitable for wall installation.



optiset E standard

optiset E comfort

The professional configuration for voice and data communications:

Same features as optiset E standard, with additionally:

- Key module connection port,
- 2 adapter plug-in positions.

optiset E conference

Ideal where a large group of people is communicating without a handset via one telephone:

Same features as optiset E comfort, with additionally:

- Handsfree talking with full duplex transfer and echo suppression
- Acoustic room adaptor.



optiset E comfort

Telephones

optiset E memory

The top model for users with high calling rates:

- 3 menu keys for interactive user-prompting:
Yes, Return and Continue keys.
- Rotatable alphanumeric LCD display with eight 24-character lines. Lines 1 to 6 for electronic notebook function (ENB), lines 7 and 8 for interactive user-prompting.
- Electronic notebook with memory for approx. 350 entries (name, address, phone number etc.).
- Alphanumeric keypad and integrated ENB functionality
- Connection port for key modules.
- 2 adapter plug-in positions
- Handsfree talking, open listening
- 12 feature keys with LEDs, 4 keys specifically configured for:
 - Service menu,
 - Number redial,
 - Internal or microphone on/off,
 - Loudspeaker.
- 2 keys (plus/minus) for setting the receive volume in the handset as well as the volume/pitch of the ringing signal.

Team workstation

To facilitate an enhanced level of functionality at team workstations, task-oriented solution packages containing special team features are available in addition to optiset E telephones.

optiset E team

This solution package comprises either an optiset E comfort, optiset E conference or optiset E memory telephone, as well as an additional key module if required.

The same features as available with the given system telephone are offered, supplemented with additional team features:

- Individual and shared line keys
- DSS keys to team members who are busy
- Station call-pickup for team members

Executive/secretary workstation

To facilitate convenient configuration of executive/secretary workstations, task-oriented solution packages are available in addition to optiset E telephones. These packages contain special executive/secretary functions which can be configured on-site by the customer.

optiset E top

The optiset E top solution package comprises either an optiset E comfort, optiset E conference or optiset E memory telephone, as well as an additional key module. The same features as available with the given system telephone are offered, supplemented with additional executive/secretary features:

- Individual line for executive/secretary
- Secretary line with busy indicator
- DSS key to executive/secretary with busy indicator
- Secretarial function transfer
- Call transfer to the executive telephone
- Ring transfer to the secretary telephone
- Shuttle between line keys
A second telephone and a private line can also be connected.
- Connection port for additional key modules



optiset E memory

Add-on terminal

Adapters

optiset E key module

The add-on terminal for optiset E comfort, optiset E conference and optiset E memory allows additional features to be programmed and numbers to be stored.

- 16 feature keys, freely programmable either with features and/or as name keys
- LEDs provide a visual indication of active features and keys
- The number of key modules which can be connected depends on the Hicom system installed.

Color: warm gray, black.

Busy lamp panel (BLP)

The BLP is similar in structure to the key module but has 90 LEDs and feature keys. For use as an attendant console for small systems.

Color: warm gray, black.

Thanks to the innovative optiset E adapter concept, individual add-on components can be used to quickly expand the telephone workstation at the optiset E basic, optiset E comfort, optiset E conference and optiset E memory system telephones.

optiset E acoustic adapter. This is used to connect telephone accessories: active loudspeaker box, second earphone, add-on microphone.

optiset E analog adapter. This is used to connect analog terminals (e. g. telephone, fax grp. 3, modem) to the system telephone.

optiset E contact adapter. This is used to control busy lamps (e. g. for "Please do not enter") and second ringers (in areas with high noise levels or outdoors).

optiset E control adapter. As well as a headset port, this also offers the option of dialing directly from the PC and of evaluating the numbers of incoming ISDN calls.

optiset E data adapter. The optiset E data adapter enables asynchronous V.24 terminals to be connected (data and CTI applications – PC-supported telephoning).

optiset E ISDN adapter. The optiset E ISDN adapter enables standard ISDN S₀ terminals (e.g. PC with S₀ card or video device) to be connected.

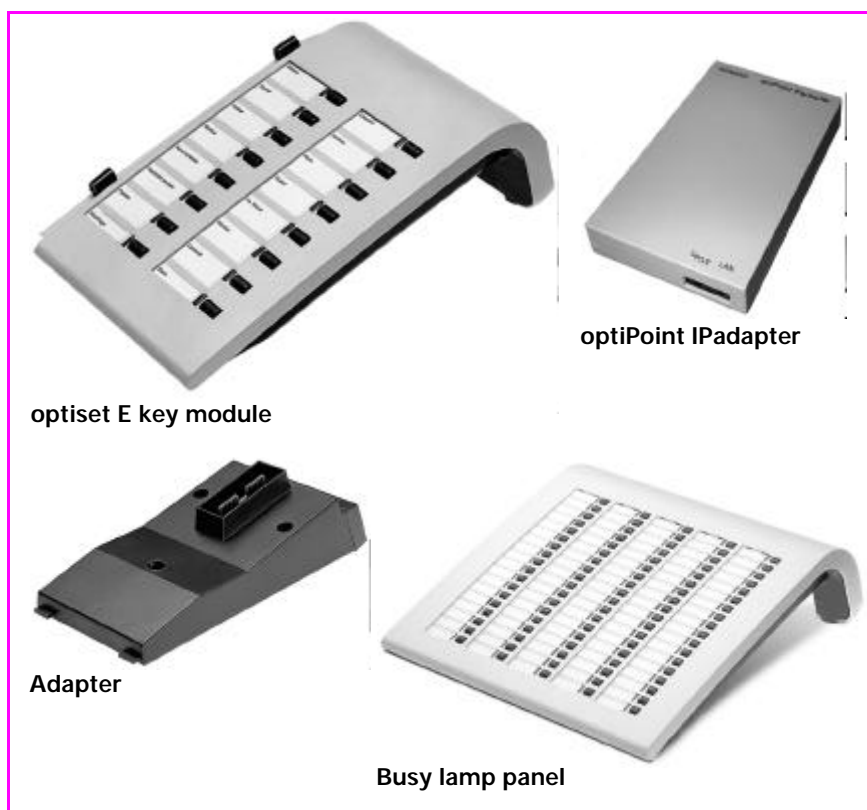
optiset E headset adapter. This enables 2 headsets to be connected. Headsets are especially helpful for high-rate telephone users (call center employees, for example, attendants working at consoles, and sales/telemarketing people). The second headset can be used by other people in the room for listening in to important phone calls, for instance.

optiset E headset plus adapter. This offers the option of connecting recording equipment. Connecting a local recording unit allows users to keep an up-to-date record of important calls.

optiset E phone adapter. The optiset E phone adapter enables an additional optiset E telephone to be connected to the system without additional cable (e.g. for coffee table phone). The telephones can be reached via independent numbers.

optiPoint IPadapter. This allows optiset E telephones to be connected to LAN networks. The user interface/features of the optiset E telephones are retained in the same form as supported by Hicom 150 E/H and Hicom 300 E/H. Version 1 supports operation via HiPath HG 1500 connected to Hicom 150 H. Version 2 additionally supports "peer-to-peer" on Hicom 150 E/H and Hicom 300 E/H.

PNT E Adapter. Thus converts the two-wire U_{P0/E} interface to the S₀ interface for connecting up to 2 S₀ terminals (PC and fax, for example).



Accessories

Wall holder

- Narrow wall holder for optiset E entry and optiset E basic.
- Wide wall holder for optiset E standard and optiset E comfort.

optiset E memory cannot be installed using a wall holder.

Telephones with the optiset E key module cannot be installed using a wall holder.

Connection lines

A connection cord (standard length 6 m) is supplied for connecting the optiset E telephones. A Mini-Western connector (MW) is used on the terminal side, and either a Mini-Western connector or a VDo4 port is used on the network side.

Plug-in power supply

Some configurations for extending the range require an external plug-in power supply unit. A connection cord for connecting the telephone to the wall socket is included in the scope of delivery. A plug-in power supply may also be necessary for complex terminal configurations with adapters and add-on terminals.

Headset

The headset replaces the telephone handset, i.e. you have both hands free when making a call. This item of supplementary equipment is particularly advantageous for users with high calling rates (attendants, telephone marketing personnel).

The following headsets can be connected to the optiset E headset and headset plus adapters (121 TR 9-5 interface):

- Encore
- Encore binaural
- Tristar
- Supra
- DuoSet
- Profile
- Profile binaural



Add-on microphone

The add-on microphone replaces the microphone integrated in the telephone and also helps make optimum use of the "handsfree talking" feature even under difficult acoustic conditions. It also allows greater freedom of movement while telephoning. An LED indicates that the microphone is on following activation via the telephone loudspeaker key. Pressing the mute key deactivates the microphone, and the LED goes out, confirming that the microphone has been switched off.

Technical data

Dimensions (H x W x D) in mm
25 x 68 x 77

Color: warm gray (* black can be ordered directly from the manufacturer.
Tel.: ++ 0049-23643761



Second earphone

You can use the second earpiece to eliminate disturbances due to ambient noise or to enable a second person to listen in.



Active loudspeaker box

The additional active loudspeaker box supplements the loudspeaker integrated in the telephone, and improves acoustic characteristics. It is thus perfectly suited to telephone conferencing. The active loudspeaker box is also a popular accessory in individual supervisor offices. Once the power supply has been connected, an LED indicates that the loudspeaker is ready for use. It can then be activated using the loudspeaker key on the telephone. The volume control button at the front is used to adjust the basic volume to suit a given room. During a call, the volume can be adjusted using the telephone volume key.

Technical data

Dimensions (H x W x D) in mm
160 x 100 x 95

Color: warm gray, *black



Overview of features

optiset E telephones	entry	basic	standard	comfort	conference	memory
Feature keys with LED	3	8	12	12	12	12
12-pt pushbutton set	•	•	•	•	•	•
2 keys (plus/minus)	•	•	•	•	•	•
Open listening		•	•	•	•	•
Handsfree talking			•	•	•	•
Adapter plug-in position		1		2	2	2
3 menu keys			•	•	•	•
Display			2 x 24	2 x 24	2 x 24	8 x 24
Possibility of connecting optiset E key module max. 4 per telephone for Hicom 150 E/Hicom 150 H				•	•	•
Alpha keypad with integrated notebook function (ENB)						•
Wall installation	•	•	•	•	•	
Dimensions in mm						
Width	151	151	216	216	216	299
Depth	252	252	252	252	252	252
Height (with/without handset)	74/106	74/106	74/106	74/106	74/106	74/106
optiset E telephones are available in the colors warm gray and black.						

Technical data

System interface

Two-channel digital interface $U_{P0/E}$,
Two-wire cabling

Operational ranges

TC installation/optiset E telephone

With 16 dB attenuation max. 1000 m
with PVC cable (0.6 mm)

Master/slave configuration (second op-
tiset E telephone connected via phone
adapter) maximum 100 m

Environmental/operating conditions

Temperature +5 °C to +40 °C
Relative humidity 5 to 85%

Permissible adapter combinations on optiset E telephones

Adapter	Acoustic	Analog	Contact	Control	Data	Headset	Headset plus	ISDN	Phone
Acoustic	--	X	X	X	X	X	X	X	X
Analog	X	--	X	--	--	X	X	--	--
Contact	X	X	--	X	X	X	X	X	X
Control	X	--	X	--	--	--	X ¹⁾	--	--
Data	X	--	X	--	--	X	X	--	--
Headset	X	X	X	--	X	--	--	X	X
Headset plus	X	X	X	X ¹⁾	X	--	--	X	X
ISDN	X	--	X	--	--	X	X	--	--
Phone	X	--	X	--	--	X	X	--	--

¹⁾ Only one headset can be used.

Tips on the use of adapters

Not more than two terminals can be plugged into a U_{P0/E} interface.

The optiset E basic telephone only has one adapter plug-in position. The optiset E acoustic, headset and headset plus adapters cannot be used on this telephone.

The headset function is not supported for the optiset E control adapter on the optiset E basic telephone.

Adapters cannot be plugged into the optiset E entry and standard telephones.

Distributed by:

