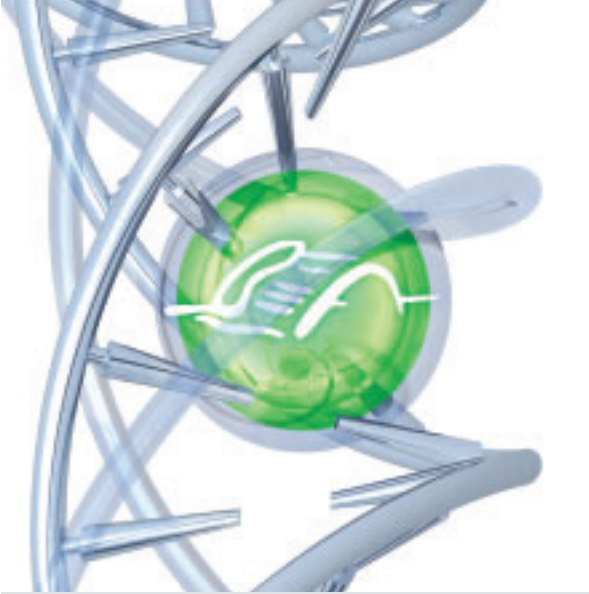# Workpoint Clients

The optiset E telephones are a family of digital telephones in a modern attractive design for use on the Realitis DX and iSDX. Ranging from a simple digital telephone to sophisticated featurephones, these telephones are positioned to satisfy a wide range of user needs.

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A user-friendly series of options is presented to the user via the display and the three menu keys, enabling fast and easy access to the Realitis DX telephone features.

Benefits
- Improved staff productivity.
- Easy to use.
- Comprehensive range of telephones.
- Comprehensive range of add-ons.
- 2 wire digital interface.
- PC integration for data and Microsoft TAPI applications.
- Stylish design.

The following optiset E telephones are available:

optiset E entry
Cost effective entry into digital telephony.

optiset E basic
The basic version for voice and data communications.

optiset E standard
The comprehensive range of features optimised for telephone communications.

optiset E advance / optiset E advance plus
The professional configuration for voice and data communications.

optiset E conference/ conference pro
Full duplex audio transmission for high quality conference calls.

optiset E entry
Telephone with:
- 3 function keys each with an LED
- 2 audio control keys
- Adjustable ringer volume
- Adjustable handset receive volume.

This is an entry-level digital telephone designed for general purpose use. The standard keypad is complemented by a Message Waiting LED with key, Redial key and Enquiry key.

optiset E basic
Telephone with:
- 8 function keys each with an LED
- 2 audio control keys
- One adapter plug in position
- Open listening (monitor)
- Adjustable ringer (volume/pitch)
- Adjustable handset receive/speaker volume.

This is a basic feature phone providing the user with keys pre-configured with the most commonly used Realitis telephone features and access to data functionality via an add-on adapter. The LED keys may also be programmed for use in a keysystem group.

optiset E standard

Telephone with:
- 12 function keys each with an LED
- 2 audio control keys
- 3 menu keys
- Handsfree
- 2x24 character display
- Adjustable ringer (volume/pitch)
- Adjustable handset
  receive/speaker volume.

This is a mid-range featurephone providing the user with the ability to personalise the functions of the Keys with LEDs, via an interactive menu system, for increased productivity. The keys with LEDs may be used as keysystem keys, for Manager/Secretary working, for frequently dialled numbers or for Realitis features.

The display provides information such as caller's name or number, and is used to guide the user through the menu system.

optiset E advance

Telephone with:
- 12 function keys each with an LED
- 2 audio control keys
- 3 menu keys
- 2 adapter plug in positions
- Up to 2 add-on key modules
- Open listening (monitor)
- 2x24 character display
- Adjustable ringer (volume/pitch)
- Adjustable handset
  receive/speaker volume.

This is a high-range featurephone providing all the functions of the optiset E standard plus the ability to support two add-on units.

optiset E advance plus

Same features as optiset E advance plus
- Handsfree

optiset E conference

As for the advance plus but also includes:
- Full duplex, echo suppression and acoustic room adaption for conference calls.

optiset E conference pro

As for the conference but also includes:
- Acoustic adapter.
- Speaker.
- Microphone.

For large conference rooms where participants need to sit at both ends of the table.
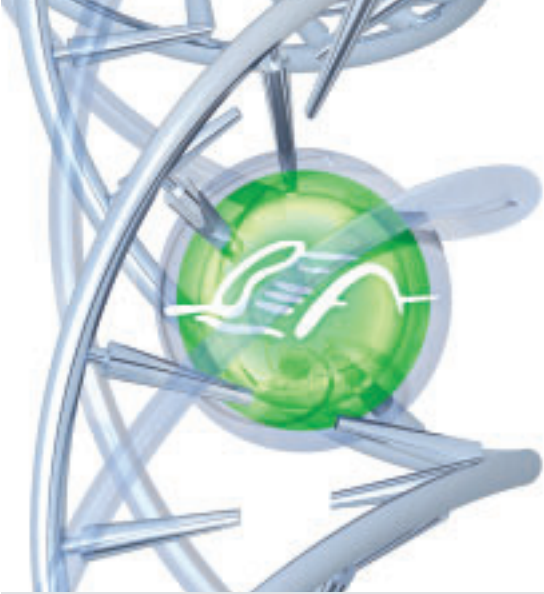
optiset E key module

The optiset E key module is an add-on device with 16 keys each with an LED. It may be connected to the optiset E advance, advance plus, conference and conference pro. A maximum of 2 key modules may be attached to 1 telephone.

optiset E privacy module

the optiset E privacy module provides protection against telephone tapping. Also suitable for use on numerous digital and analogue handsets.

Adapters

The optiset E adapters are fully encapsulated, slide-in modules which can be installed and removed easily at the back and on the underside of the optiset E telephones. In this way the telephones can be adapted quickly and easily to specific workplace and organisational changes.

optiset E phone adapter
The optiset E phone adapter enables an additional optiset E telephone to be connected to the system without the need for additional cabling. The telephones can be reached simultaneously via independent numbers.

optiset E data adapter
The optiset E data adapter enables asynchronous V.24 terminals to be connected at data rates up to 56kbits.

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

optiset E contact adapter
The optiset E contact adapter has 2 connectors for accessing external busy lamps and second bells. There are 2 separate outputs:
• The first output provides the active telephone status (e.g. handset off-hook, headset activated).
• The second output provides the ringing sequence.

optiset E analogue adapter
The optiset E analogue adapter allows the connection of an additional analogue terminal (e.g. group 3 fax machine, PC with modem card, cordless telephone).

optiset E acoustic adapter for analogue telephone accessories (only available for optiset E advance plus)
The optiset E acoustic adapter is used to connect analogue telephone accessories (e.g. external loudspeaker, microphone or second earphone).

optiset E headset adapter
optiset E headset
adapter plus
The optiset E headset adapter permits the connection of two headsets. The use of a headset offers numerous advantages, especially for users with high call rates (e.g. call centres, attendant consoles or sales/telemarketing departments).

The second headset can be used by another person in the room (e.g. during an important call or ACD training). In addition to the features of the optiset E headset adapter, the optiset E headset adapter plus offers a connection for a recording device, enabling the user to register and document important calls.

Control adapter
Provides a data and headset connection for use with CTI applications.

optiset E PNT-E ISDN adapter
The ISDN adapter box PNT-E (Private Network Termination Evolution) enables remote data terminals, PC's, video equipment, Group 4 fax machines and ISDN telephones to be connected at competitively low cost.

Dummy panel
If no adapters are used the plug in positions may be covered with a dummy panel.

Accessories

The following accessories may be added to the optiset E telephones to enhance their performance and to tailor them for personal use.

Headsets
The headset replaces the telephone handset thus leaving both hands free when making a call. This is particularly important for users with high calling rates.

The following headsets can be connected to the optiset E headset and headset plus adapters:
• Profile binaural l Encore
• Profile l Encore binaural
• Profile 3 in 1 l Tristar
• optima l Supra
• optima duo
• ADDvantage plus
• ADDvantage duo.

Add-on microphone
The add-on microphone replaces the microphone integrated in the telephone. It helps make optimum use of 'handsfree talking' even under difficult acoustic conditions and allows greater freedom of movement while telephoning.
Technical data Dimensions (H x B x D) in mm: 25 x 68 x 77. Colour: warm grey.

Active loudspeaker box
The additional active loudspeaker box can be used instead of the loudspeaker integrated in the telephone and offers improved sound quality during 'handsfree talking'. The volume can be set using the volume control button. Technical data Dimensions (H x B x D) in mm: 160 x 98 x 95. Colour: warm grey.

Second earphone
The second earpiece can be used to eliminate disturbances due to ambient noise, or to enable a second person to listen in.

Technical Data

Press-to-talk handset
This handset can be plugged into any of the optiset E telephones in place of the normal handset.

Press-to-mute handset
This handset can be plugged into any of the optiset E telephones in place of the normal handset.

ACD Working
An alternative key layout for ACD working on optiset E standard, advance and advance plus is supported by pre-printed labels.

UniClient and TAPI
The UniClient application can be used on an adjacent PC, with the optiset E basic, advance, advance plus, conference and conference pro to provide Point & Click access to Realitis DX features, directories and Voice Mail. (Requires optiset E data adapter).

Connection system
Telephone side:
Mini-Western connector (RJ14)
Network side:
Mini-Western connector (RJ14).

System interface
Two-channel digital interface $U_{PO/E}$.

Two-wire connection.

Operational ranges
With 16 dB attenuation at least 1200 metres with 0.6 PVC cable

With CAT3 cable at least 1200 metres.

With CAT5 cable at least 1200 metres.

With CW1308 cable at least 1200 metres. Master/slave (second telephone connected via phone adapter) maximum 100m.

Connection cord
3m (standard).

Colour
Warm grey or anthracite (black).

Wall holder
• Narrow wall holder for optiset E entry and optiset E basic.
• Wide wall holder for optiset E standard, optiset E advance, optiset E advance plus, conference and conference pro.
• Telephones with the add-on optiset E key module cannot be mounted on a wall holder.
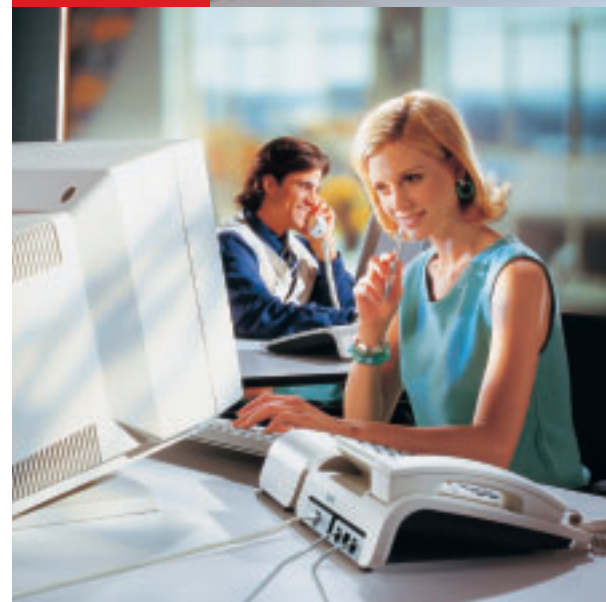
Power supply
Plug-in power supply unit for complex telephone configurations (telephones with adapters, add-on devices).
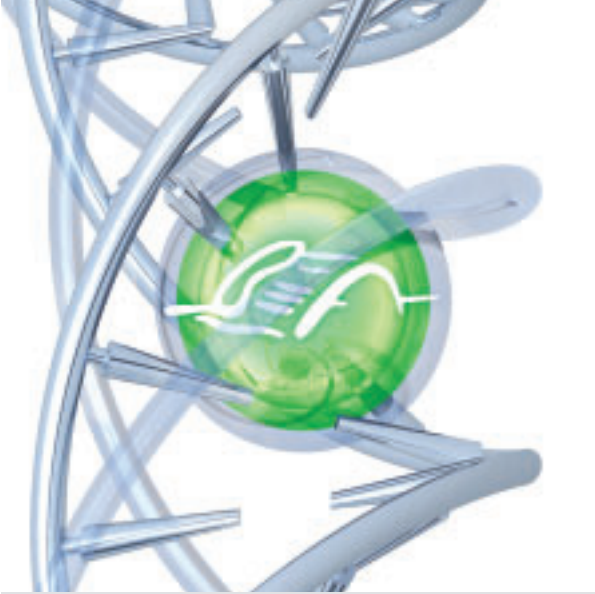
optiset E headset adapter
Two integrated RJ11 sockets.

optiset E headset plus adapter
Same as optiset headset adapter, but featuring additionally :
One RJ12 socket for 600 Ohm recorders for the connection of analogue/digital recorders.

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Overview of features

fig.1:

Telephone/optiset E	Entry	Basic	Standard	Advance	Advance Plus	Conference	Conference pro
Feature keys with lamp	3	8	12	12	12	12	12
Dial Keypad	•	•	•	•	•	•	•
2 audio control keys	•	•	•	•	•	•	•
Open listening			•	•	•	•	•
Adapter plug-in position	0	1	0	2	2	2	2
Handsfree talking			•		•	•	•
3 menu keys			•	•	•	•	•
Display (symbol)			2x24	2x24	2x24	2x24	2x24
Message waiting key and lamp	•	•	•	•	•	•	•
ACD Working				•	•	•	•
Autoanswer			•	•	•	•	•
Connection facility for optiset E key module (maximum 2)				•	•	•	•
Wall installation	•	•	•	•	•	•	•
Hearing aid compatible	•	•	•	•	•	•	•
Full duplex hands free						•	•
External speaker and microphone							•

Dimensions and weights

Type	Weight (mm)	Width (mm)	Depth (mm)	Height (mm)*
optiset E entry	706	151	253	74/106
optiset E basic	725	151	253	74/106
optiset E standard	974	216	253	74/106
optiset E advance	965	216	253	74/106
optiset E advance plus	971	216	253	74/106
Conference	971	216	253	74/106
Conference pro	971	216	253	74/106
optiset E key module	391	137	253	74
Privacy module	300	92	200	39
optiset E phone adapter	118	76	165	48
optiset E data adapter	160	76	165	48
optiset E ISDN adapter	132	76	165	48
optiset E contact adapter	132	76	165	48
optiset E analogue adapter	150	76	165	48
optiset E acoustic adapter	119	76	165	48
optiset E headset adapter	122	76	165	48
optiset E headset plus adapter	120	76	165	48
Wall holder wide/narrow	167	160/95	182/182	77/77
Control adapter	132	76	165	48
PNT-E adapter	250	105	35	70
Plug-in power supply	500	48	64	79

*Height with/without handset
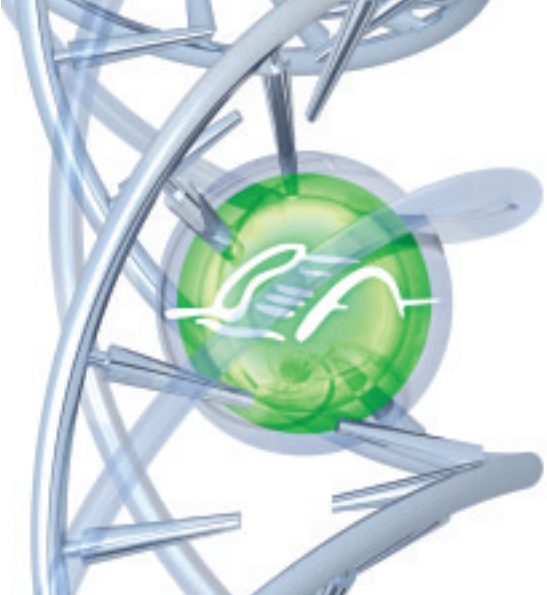
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