

ERICSSON DIALOG 5446 IP PREMIUM

A revolution in user-friendliness



The new Dialog 5446 IP Premium represents yet another step forward for application-oriented IP-terminals, offering a modern and user-friendly interface. The large, color, touch-screen display offers features such as web browsing and self-labeling keys to present contacts and buddy lists.

The menus are icon-based, making navigation both easy and intuitive. With navigation via icons instead of text commands, the Dialog 5446 IP Premium is a revolution in user-friendliness. The user interface is much more intuitive and easy to use, and with the model's similarity to smartphones, the learning process goes quickly.

Ease-of-use means that the phone and all of its features will be used to their full potential, leading to considerable increases in efficiency. In addition, synchronization with contacts in MS Office Outlook® is also provided. A Gigabit Ethernet switch allows for unrestricted bandwidth access when a Dialog 5446 IP Premium is linked to a PC.

The Dialog 5446 IP Premium supports both SIP and H.323 with the same software. This is configurable and set by the system administrator.

The SIP protocol also offers a wide range of services for standard SIP phones.

Support for SIP means that the Dialog 5446 IP Premium is fully compliant with the forthcoming IMS standard. This is an important aspect in ensuring that the phone will be future-proof.

The Dialog 5446 IP Premium provides all of the telephony services expected of a terminal. Here are just a few of the phone's rich variety of features:

- My Dialog Contacts – End-user application for merging MS Office Outlook® contacts to a personal phonebook. Users can easily merge their Outlook contacts with the contacts in their IP phones. This application can be downloaded free of charge from the Service Plaza.
- IP Phone Administrator – Integrated web server for maintenance and support for phone configuration and inventory. Also available free of charge at the Service Plaza.
- Handsfree speaker with full duplex (AEC) wideband codec
- Headset port
- Microphone mute function
- Volume control (combined for handset, headset, loudspeaker, ringtone)
- Hearing aid compatible
- Increased volume for users with impaired hearing
- Programmable ringtones
- Acoustic echo cancellation
- Background noise fill
- Dynamic jitter buffers

Security

The Dialog 5446 IP Premium provides a high degree of security. Both media and signaling are encrypted via TLS and SRTP. General security authentication is performed against a RADIUS server using EAP protocol (IEEE 802.1X). Individual authentication is performed by means of end-user passwords.

Upgradeable

The firmware for the Dialog 5446 IP Premium is automatically upgradeable in the field from web servers. This ensures that the Dialog 5446 IP Premium is always up to date with the latest software.

Recycling

All Ericsson Dialog IP telephones are recyclable. Please contribute to the prevention of waste by sending used equipment to environmentally certified treatment facilities.

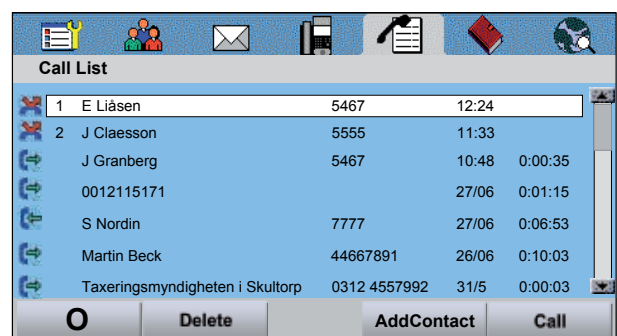
Ericsson ensures environmentally sound handling and recycling of equipment sent to any one of our collection points.

Display

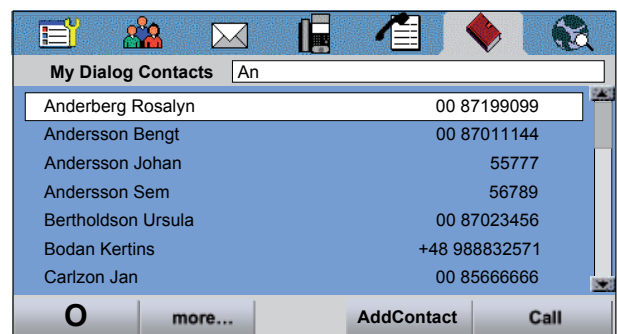
- Graphical 4.3" color
- Touch screen
- Internet browser (XML)
- Pre-selected and programmable functions
- Corporate directory



The Dialog 5446 IP Premium features a large, color display with touch screen icons and self-labeling keys. Input is made with a stylus; text commands are not used. The similarity to smartphones is a major factor in increased user-friendliness.



The call list is accessed via the corresponding icon. The list is easy to edit or search



This illustration shows how presence information is handled via the display.

- 1,000 contacts (personal phonebook)
- Call list with 100 latest incoming and outgoing calls

Keys, Control Panel and/or Direct Commands

- 12 dialling keys
- Programmeble soft keys on the touch-screen display
- Navigation button for display navigation/scroll
- +/- volume control



- 4 function keys with LED indication
- Mute
- Handsfree/Loudspeaker mode
- Headset mode
- Clear

Power

- Power over Ethernet (PoE), IEEE 802.3af
- Power adapter: Input 100-240 V AC, output 24 V DC
- Average consumption using PoE 2 W
- Average consumption using power adapter 3 W
- Support for AC/AC external power supply
- IEEE 802.1x authentication
- Encryption of signaling and media (TLS and SRTP)
- SSH ensures security when the end-user or the system administrator configures the phone.

Other Interfaces and Features

- 2-port Gigabit Ethernet switch, 10/100 Base T/TX (autosense)
- 2-port Gigabit Ethernet switch T/TX (autosense) **(optional)**
- USB port (USB1)
- Emergency call support (in H.323 only) management
- Firmware downloads from web servers (can be upgraded in the field)
- Dynamic (DHCP) or static IP assignment of addresses
- RTCP, IETF RCF 3550
- Quality of service IEEE 802.1p&q and DiffServ
- VLAN support IEEE 802.01p&q
- Voice codecs: G711, G722.2, G.729a, G.729ab, G.729b G.723.1
- Branch office survivability support
- DNS RSV
- The angle of the phone can be adjusted for user convenience
- User mobility (free seating): log on and call

- Handsfree speaker, full duplex/AEC
- Headset port and key
- Programmable ringtones
- Option unit, support for external ringtone or busy signal
- Speaker for monitoring, such as when using telephony services (for example, interactive voice systems, news or weather forecasts).
- Equipped with hearing aid support and acoustic shock protection
- Color, dark grey

Environmental conditions

- Operating temperature +5° – +45°C
- Storage temperature +/-0° – +70°C
- Relative humidity: 5 – 90%

Regulatory compliance

- Acoustic shock protection: ETS 300 245-2
- Hearing aid compatibility: ITU-T P.370 (8/96) and FCC; Part 68, subpart D American.
- EU RoHS Directive 2002/95/EC
- EMC

More info: www.ericsson.com/sdoc

Supported systems and versions

Telephony System	Minimum version requirements
Ericsson MX-ONE™	Telephony Server 2.0 or Telephony Switch
Ericsson MD110	BC12 Service Pack 9
Ericsson BusinessPhone	Version 7.0
Ericsson MD Evolution/EBN	Version 8.0 c
Ericsson EBG	Version 3.1.6

Accessories

- Option unit with built-in 2-port Gigabit Ethernet switch T/TX (autosense) and port for extra ringtone
- Country-dependant AC/AC power adapter
- LAN cable

User guides

- User guides in PDF format available on the CD Enterprise Telephone Toolbox and at <http://www.ericsson.com/enterprise/library/manuals.shtml>

Service and Support

If you need technical assistance, please contact your local Ericsson service partner. A list of certified service partners can be found at www.ericsson.com.

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