# Aastra 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[1] and H.323 with the same software. This is configurable and set by the system administrator.

The SIP[1] protocol also offers a wide range of services for standard SIP[1] phones.

Support for SIP[1] 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.

[1] SIP support will be available during the 4th quarter of 2008.

*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 easy to edit or search.*

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.

- Media and signaling are encrypted via TLS and SRTP [2]

- 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

- SSH ensures security when the system administrator logs on to the phone

## 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.

[2] Security functionality will be available during the 4th quarter of 2008.

## Recycling

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

Aastra 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

- 1,000 contacts (personal phonebook)

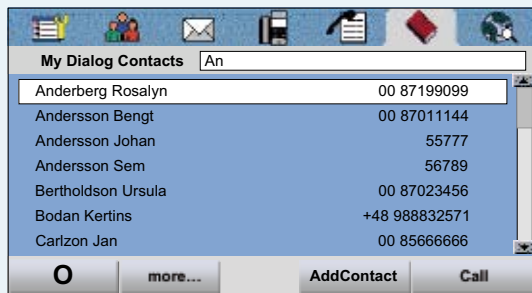- Call list with 100 latest incoming and outgoing calls

## Keys, Control Panel and/or Direct Commands

- 12 dialing keys

- Programmable 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 power consumption 10/100 Mbit Ethernet, 3 W

- Average power consumption 1 Gigabit Ehternet, 6 W

- Support for AC/AC external power supply

*My Dialog Contacts makes it easy to merge Outlook contacts with the contacts in the phone.*

## Other Interfaces and Features

- 2-port 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, 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, EN 55 022 Class B, FCC part 15

More info: www.aastra.com

## Supported systems and versions

| Telephony System | Minimum version requirements |
|---|---|
| Aastra MX-ONE™ | Telephony Server 3.0 or Telephony Switch |
| Aastra BusinessPhone | Version 8.1 |
| Aastra MD Evolution/EBN | Version 9.1 |

## Accessories

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

## User guides

- User guides in PDF format available on the CD Telephone Toolbox and at http://www.aastra.com

## Service and Support

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