

# Dialog 4000 IP telephones IP communications made simple



Note: Symbol photo display could look different dependent on attached phone system.

*Now is the time to let IP communications take your business to new heights of achievement.*

The Ericsson Dialog 4000 IP telephones, Dialog 4425 IP Vision and Dialog 4422 IP Office, harness the combined power of your data network and Ericsson communication system to deliver reliable business-class telephony while offering all the benefits of the new world of IP communications.

The Ericsson Dialog 4000 telephone family offers excellent sound quality and outstanding features with superior ergonomics.

Environmentally sound design has been a cornerstone in the design process, making these telephones state-of-the-art in minimizing the environmental impact when used and when recycled.

In addition, the Dialog IP telephones offer advanced functionality with the simplicity of an ordinary phone, making work more enjoyable and efficient for users. The phones also offer support for hearing impaired users and prevent any possible damage to user hearing through a built-in acoustic shock protection.



Dialog 4425 IP Vision



Dialog 4422 IP Office

The Dialog 4425 IP Vision and Dialog 4422 IP Office feature built-in user mobility (free seating) allowing users to log on to any IP telephone. A special feature allows unregistered (not logged on) telephones to be used for emergency calls. Such calls may even include location information for the alarm center.

An easy-to-use internet (Web) browser interface enables users to do their own telephone settings - edit the phone book, the function keys, etc. - directly from a desktop computer.

For easy maintenance, the IP telephones can be upgraded remotely from a server, thus also enabling future enhancements of functionality. Both IP telephones offer survivability support for users in a branch office environment. Also featuring a built in switch - allowing a telephone to share a LAN connection with the desktop computer - these IP telephones enable a simple and inexpensive strategy in your migration towards IP.

#### **Dialog 4425 IP Vision – additional features**

The Dialog 4425 IP Vision is a multi-featured IP telephone supporting advanced system functions. It is ideal for demanding and executive office usage.

With the landing gear feet and adjustable viewing angle and contrast of the six-line graphical display, the user can adjust the phone for all types of environments and lighting conditions. Telephone features and system functions are easily accessible using an intuitive menu in the display - assisted by soft-keys. The menu gives access to a phone book - enabling dial-by-name. The phone book can be stored locally on the phone or it can be stored centrally on a server - and thereby available no matter from which

IP telephone the specific user chooses to work. A call list also accessed via the menu contains logged call data for all incoming and outgoing calls and offers a user-friendly scroll and dial function. In case of absence, the user has menu support for setting up diversion options.

The user can also access Internet (WML based) pages optimized for mobile devices and view content on the telephone display. Such pages can be easily accessed via the menu as links on a WAP portal. This way a user may access company relevant information, e.g. with the MD110 system and the Mobile Executive application—part of the D.N.A. management suite—click-to-dial functionality directly from the central company phone book is enabled.

A high-quality hands-free speaking function makes the Dialog 4425 ideal for telephone meetings and conference calls in small meeting rooms. An integrated headset port allows a headset to be plugged directly into the telephone, with the switching between the headset and the handset controlled by a dedicated key. A connection for external bell or busy signal is available with an Option Unit.

The Dialog 4425 features 20 functions keys. All programmable function keys have associated LEDs and can be labeled by the user.

#### **Dialog 4422 IP Office – additional features**

The Dialog IP Office is feature-rich IP telephone offering the functionality needed for users working in an office environment. It is also well suited as a convenience phone in public/service areas.

A built-in loudspeaker enables users to do voice monitoring e.g. listening to tele services (voice response systems, news, etc.).

With the landing gear feet, the user may adjust the phone and the two-line display for different lighting conditions. An integrated headset port allows a headset to be plugged directly into the telephone, with switching between headset and handset controlled by a dedicated key. The Dialog 4422 IP Office telephone features 10 functions keys. A function key may be used also to access a call list. The call list contains logged call data for all incoming and outgoing calls and offers a user-friendly scroll and dial function.

#### **Highlights summary (valid for both Dialog 4422 and Dialog 4425)**

- 2-port Ethernet switch (to share a LAN cable/port with a desktop computer)
- User mobility (log on and call)
- Emergency call from an unregistered telephone (i.e. not logged on telephone)\*
- Monitoring
- Headset port (with dedicated headset switching key)
- Power over LAN support (according to IEEE 802.3af)
- Telephone setting via a WEB browser
- Hearing aid support and acoustic shock protection
- Graphical display with adjustable contrast
- Function keys
- Call list (local)
- Multi-codec support
- Multi-language support
- QoS support (includes QoS statistics available via a WEB browser)
- Branch office survivability support - i.e. automatic backup gatekeeper registration/deregistration (MD110 and BusinessPhone)

## Dialog 4425 specific highlights

- Hands-free speaking with full duplex and Acoustic Echo Cancellation (AEC)
- Graphical six-line display with adjustable viewing angle and contrast

- 4 soft keys, 3 navigation keys and up to 20 function keys
- Phone book (stored locally on the phone or centrally on a server)\*
- WAP browser with easy access to WAP portal - enabling fast access to WML internet/intranet pages\*

- Menu support for absence handling - i.e. activation of diversion, Personal number profile (MD110 only) and absence reason message (message diversion)\*
- Option unit support (for connection of external bell and/or busy signal)\*

\* BusinessPhone requires version 7.0 or higher

## Dialog IP telephone features

Keys	Dialog 4425	Dialog 4422
Programmable key <sup>1</sup>	11/19/17	-7/7
Headset key	1	1
Functions keys with LEDs	23	13

1. MD110/BusinessPhone/MD Evolution

Power	Dialog 4425	Dialog 4422
Average power consumption with 24 V AC/AC adapter inclusive power adapter	4,2 W	4,2W
Average power consumption with Power over LAN	3,2W	3,2W
Power over LAN IEEE802.3 af <sup>2</sup>		48V DC
Compatible with Power Hub 4000. Requires splitter cable		24V DC

2. Compatible with PowerDsine 6000

Features	Dialog 4425	Dialog 4422
User mobility (log on and call)	•	•
Emergency call also when not logged on <sup>3</sup>	•	•
2 port Ethernet switch	•	•
Hands-free speaking (Full duplex and AEC)	•	-
Monitor Speaker	•	•
Headset port	•	•
Mute function	•	•
Volume control	•	•
Programmable ringer tone and volume	•	•
Speed dialing	•	•
Call list (local with 50 positions)	•	•
Phone book (stored locally or centrally)	•	-
Phone management via WEB browser	•	•
WAP browser with access to WAP portal <sup>3</sup> (enables access to D.N.A. central directory with MD110 and D.N.A. Mobile Executive)	•	-
Remote firmware download	•	•
Multi-language support	•	•
Option unit support <sup>3</sup>	•	-
Hearing aid support with amplification (+6dB)	•	•

3. BusinessPhone requires version 7.0 or higher

Display	Dialog 4425	Dialog 4422
Graphical display	•	•
Display size	6 lines/50 characters, font dependent/320x80 pixels	2 lines /25 characters, font dependent/128x25 pixels
Adjustable display	Viewing angle and contrast	Contrast

## Recycling

All Dialog 4000 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.

Mechanical	Dialog 4425	Dialog 4422
Dimensions (HxWxL)	102*240*234	102*159*231
Weight (gram)	704	978

VoIP	
Codecs	G.711, G729a, G.729ab, G723.1, GSM efr
DHCP	•
RTCP	IETF RFC 3550
QoS packet prioritization/tagging	ToS/Diffserv, IEEE802.1p
VLAN support	IEEE802.1p&q
Ethernet switch	10/100 Mbit/s (autosense)
H.323 V4	•
Branch office survivability support <sup>4</sup>	•

4. Available with MD110 only

Environmental conditions	
Operation:	
Temperature	+5°C- +45°C
Relative humidity	10%-95%
Storage:	
Temperature	+10°C- +55°C
Relative humidity	10%-95%

Other	
Tone	10 ringer tones. (maximum volume >72dBA)
Color	Light grey
Regulatory compliance	EU/EFTA: R&TTE directive 1999/5/EC US: FFC part 15 and 68 AU/NZ: AS/NZS 3548/CISPR 22:2002 For more information: <a href="http://www.ericsson.com/sdoc">www.ericsson.com/sdoc</a>
Hearing aid support according to	ITU-T P.370 (8/96) and FCC Part 68, subpart D American
Acoustic shock protection	ETS 300 245-2

## System requirements

		MD110	BusinessPhone	MD Evolution
4422	Software release	BC11-SP13 or higher <sup>5</sup>	V5.1 or higher	V7.0 or higher
4425	Software release	BC11-SP12 or higher <sup>5</sup>	V5.1 or higher	V7.0 or higher

5. A few features require MD110 BC12 or BC12.1

## Ericsson Communication System features for Dialog 4000 IP telephones

	MD110	BusinessPhone	MD Evolution
Account code (before start of call)	Yes	Yes	Yes
Authorization code	Yes	Yes	Yes
Automatic Backup Gatekeeper (registration & deregistration)	Yes	Yes	Yes
Automatic call-back	Yes	Yes	Yes <sup>6</sup>
Automatic Gatekeeper (discovery and registration)	Yes	-	Yes
Call diversion (MD110: Personal number, Repeated individual diversion)	Yes	Yes	Yes
Call pick up	Yes	Yes	Yes <sup>6</sup>
Call transfer	Yes	Yes	Yes
Call waiting	Yes	Yes	Yes
Caller ID	Yes	Yes	Yes
Conferencing (Multi-party)	Yes	Yes	Yes <sup>6</sup>
CSTA support	Yes	Yes	Yes
Fault mans ring back	Yes	-	-
Follow me	Yes	Yes	Yes
Free on 2nd line	Yes	-	-
General cancellation	Yes	-	-
Group Hunting (internal)	Yes	Yes	Yes
Hot line	-	Yes	-
Hotel guest room telephone	-	Yes	-
Inquiry	Yes	Line key	Yes
Intrusion	Yes	Yes	Yes <sup>6</sup>
Line Access	2	1	1
Message waiting indicator	Yes	Special dial tone	Yes <sup>6</sup>
Name identity	Yes	Yes	Yes
Night service	Yes	Yes	Yes
Parking	Yes	Yes	-
Personal number	Yes	-	-
Reminder service	-	Yes	Yes
Repeated individual diversion	Yes	-	-
Soft-keys for Dialog 4425	Yes	Yes	Yes
Tandem	-	Yes	Yes

6. MD Evolution requires version 7.1 or higher

## Terminal eLearning

Web-based user training on Ericsson Enterprise MD110 terminals is available in English, Spanish, Italian, German, Swedish and Brazilian Portuguese. The training can be found on [www.ericsson.com/enterprise/education.shtml](http://www.ericsson.com/enterprise/education.shtml)

## Dialog 4000 IP telephones accessories:

- Pull out leaf kit for number directory
- Telephone Tool box on a CD-ROM including Designation Card Manager (DCM) software and user guides/quick reference guides in PDF format.
- Ericsson Dialog Headset 200
- Splitter cable for Power Hub 4000
- Press-to-talk handset
- Option unit with support for external bell and/or busy signal
- Wall mounting kit

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