DT590 cordless phone
Enhances Mobility

The DT590 cordless phone is an attractive cordless phone that is appealing and easy to use for all. It allows employees to communicate from any place within an enterprise, therefore significantly increasing the efficiency of the organization. The ergonomic design has been tailored for use in a range of different environments and is easy to hold for long phone con-versations. The large LCD screen is easy to read in any location and opera-tion is simple and straightforward.

The DT590 cordless phone offers the most demanding customers advanced, state-of-the-art technology and full business functionality.

Features

• Modern design with large graphical display

• Phonebook for 1000 downloadable and 100 user entries

• Hands free speaking function

• Vibrating alert

• Sending and receiving of SMS messages

• Easy access to PBX features like divert, absence, transfer etc.

• Calculator

• Alarm clock

• Standard Headset/accessory connector

• Long battery life using a Lithium Ion battery

ERICSSON

Benefits

With its large screen, optimized key size and rounded back the DT590 cordless phone is a comfort to hold. The 4-direction quick navigation key makes for easy navigation through the menus. Via these menus, functions such as phonebook, SMS messages, call information, and settings are easily accessible. Certain PBX functions can also be accessed via the menu directly. End users do not need to remember all the codes for divert, absence, conference call etc. but can directly access them via menu items.

Other directly accessible functions are voice mail, loudspeaker, and voice dialing when the Voice Activated Assistant is part of the system. Using VAA a person can be called with a long-press of the Yes button and by saying the name of the person you wish to contact. The loudspeaker makes operation simple for conference calls and other times when hands-free is necessary. Headsets are supported using a standard 2.5mm connector that gives the user the choice of a wide range of options.

In combination with an SMS message server, the DT590 cordless phone supports sending and receiving SMS messages. Messages can come from another user and, when using alarm modules, from external equipment to notify events like fire alarm, machine breakdown or an opened door.

Furthermore, a central telephone book as stored on a message server can be accessed. In this way users can access any user, without requiring all names and numbers to be stored in the phone.

A solid pocket clip makes it possible to easily carry the cordless phone. Furthermore an optional swivel type security clip is available that can be attached to a belt. As protection for the phone, a stylish leather carrying case is available including a swivel type clip.

The versatility of the DT590 cordless phone is also visible from the list of additional features like integrated vibration alert that discretely alerts you to incoming calls, an alarm clock so you don't miss your appointments, downloadable ringing melodies and startup screens so you can give the phone your personal touch, and even a built-in calculator.

The outstanding quality of this phone is evidenced by its sturdy design, superior sound quality, and excellent coverage using 2 internal antennas.

PC Software:

Cordless Phone Manager software packages.

These products consist of an interface cable from the 9-pin RS232 connector on the PC to the 2.5mm headset connector (also used as interface to the PC) on the DT590 cordless phone and a CD with the CPM software program. Different versions are available for end users and professionals (system administrators and distributors).

The end user version supports

- Download of company phonebook (max. 1000 entries)
- Upload and download of user phonebook (max. 100 entries)
- Download of ringing melodies in RTTTL format (max 10)
- Download of startup screen in BMP format (101x81 pixels)

Additional features of the professional version include

- Download of PBX related settings
- Download of new cordless phone software
- Download of additional languages
- Generate service forms

Technical Specifications[1]

Compliance to regulations and standards

DECT:	EN 301 406, TBR10, TBR22
EMC:	EN 301 489, - 6
Safety:	EN 60950
SAR:	EN 50360 (Europe), ACA 2003 (Australia)
	SAR10g (Specific Absorption Rate) = 0.06 mW/g
Enclosure protection:	IP 40, IEC 60529
Free fall test:	IEC 68-2-32

Environmental Temperature

Operating:	0 to 40ºC
Storage:	-20ºC to 55ºC

Humidity

Operating:	15 to 90% non-condensing
Storage:	10 to 95% non-condensing

Not waterproof

General Specifications

Frequency band:	Different models are available for 1880-1900MHz (standard), 1900-1920MHz (China) and 1910-1930MHz (Latin America).
Color:	MagicGrey and Silver
Size (l x w x d):	143 x 53 x 26 mm
Weight:	131 g
Material	Plastic cover parts: PC-ABS
Key pad:	Silicon rubber
Clip:	POM
Display (w x h):	101 x 80 pixel LCD with white back lightning
Clip:	Hinge type
Connectors:	Connector for charging the battery
	2.5mm jack plug for connecting headset or PC interface cable (using RS232 port)

Optimal headset performance can be achieved by using one of the Ericsson's optional headsets with 2.5mm plug. Other microphones that can be connected must have the following specifications:

- Microphone levels ranging from -43 dB/Pa to -36 dB/Pa

- Microphone bias voltage is 1.5 V series feed-resistor is 2.2k. DC resistance in this configuration should be from 1k5 to 5k Ohm

- Speaker impedances >30 Ohm

- Headsets using a hook-toggle switch must short circuit the microphone when the button is pressed

Sound

Ring signal:	Adjustable in 9 steps
	14 different ring signals are included and 10 melodies can be downloaded using the Cordless Phone Manager
Earpiece:	Adjustable in 10 steps
Vibrating alert:	Integrated

Battery

Type:	Lithium-Ion
Talk-time:	20 hours typical
Stand-by time:	140 hours typical
Charging time:	4 hours

Phonebook

Personal:	User phonebook with up to 100 entries. These entries can be added, changed and deleted by the user or up- and downloaded from the PC using the Cordless Phone Manager
Company:	Company phonebook with up to 1000 entries that can be downloaded from the PC using the Cordless Phone Manager
Central phonebook:	Phonebook entries can be retrieved from a large corporate telephone book as stored on a DECT SMS message server
Name length entry:	12 characters maximum
Number length entry:	24 digits maximum

Telephony

Answer call: Yes key (default) or any key press, auto answer or button on headset

Call list: Information on last 20 calls including time stamp (max. 10 dialed calls and max. 10 received/missed calls)

Call information: Support for the following services:

- CLIP – Calling Line Identification Presentation

- COLP – Connected Line Presentation

- RLIP – Redirected Line Presentation

Messaging (SMS)

Message length: System dependent. Maximum is 160 characters

Storage capacity: 10 Messages (first in, first out)

PBX functionality

Menu selections: The following system functions can be selected as menu items when the corresponding codes have been downloaded to the DT590 cordless phone using the Cordless Phone Manager:

- Voice Mail

- Voice Activated Assistant

- Conference Call

- Transfer

- Inquiry

- Call Waiting

- Call Back

- Divert

- Absence

Information: The DT590 cordless phone is capable of displaying information coming from the PBX that shows the status of the extension, both in idle mode and when making a phone call. Also Message Waiting Indication is supported resulting in an envelope being displayed on the screen.

Additional Settings

Languages: Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, and Swedish

Network: 8 subscriptions are possible with automatic or manual selection. A subscription can be protected to avoid unintentional deletion.

[1.] Specifications are subject to change without prior notice

Technical Requirements

The DT590 cordless phone is DECT-GAP and DECT-CAP compliant. The handset cannot be used on existing A/B protocol systems. The DT590 cordless phone supports reception and sending of SMS messages. All messaging functions require that the functionality also be supported by the messaging application attached to the PBX or radio exchange.

The DT590 cordless phone can be used on all Ericsson DECT GAP/CAP compliant business cordless telephone systems:

- MD110 with integrated cordless

- BusinessPhone 50, BusinessPhone 250 and BusinessPhone 128i with integrated cordless

- MD-Evolution M/XL

- Radio Exchange DCT1800-GAP

- Radio Exchange DCT1800-S

The DT590 cordless phone has not been tested on other vendor systems.

Functionality of the DT590 cordless phone on other vendor systems cannot be guaranteed.