# DT4X2
## We meet your needs

*We have added that little extra to the concept of wireless communication. Wherever you need reliable wireless communication, Ericsson has the system that will answer to your needs.*

## DT412

### Smart communication

The DT412 has all the functions you might want in a wireless telephone.

It's a slim and robust smart communication package for any type of working environment. The DT412 will perform well in any workplace. It's made to withstand dirt, water and a fall on the floor.

## DT422

### Secure communication

The DT422 Cordless Phone is a very robust, but slim cordless telephone, specially designed for workplaces where a high level of security is required. It's special features include a built-in personal alarm and a man-down/no-movement alarm. Rough environments will not stop the Cordless Phone from performing. It's constructed to withstand dirt, water and a fall on the floor.

**ERICSSON ≥**

## DT412

## Features

**2 in one – messaging, and cord-less telephone**

- Robust, dustproof, waterproof, IP64

- Large, scratchproof, mechanically protected display

- Illuminated display and keypad

- SIM card for identity and personal settings

- Up to 10 modes with personalized settings

- 3 programmable soft keys for each mode

- 10 programmable hot keys

- Manual or automatic keypad lock

- Time and date indication

- Ring signal easily silenced

- Vibration alert

- Separate loudspeaker for ring signal and loudspeaker function

- Sending/receiving messages (SMS)

- Two different text sizes

- Headset connector standard, IP64 classified

## Benefits

**Always online**

The DT412 is a combination of versatile telephony and messaging, ensuring reliable access to vital information from building automation systems, production lines, Internet and intranet, as well as communication with other users. The DT412 is the optimum choice for people working in factories, hotels and hospitals or any workplace where people are constantly on the move and need to make contact with just the touch of a button.

**A multipurpose handset**

The DT412 is extremely durable, water-resistant, easy to handle, and comes standard with a large back-lit display, loudspeaker for hands-free operation, headset connector and a built-in vibration mode for silent notification.

## DT422

## Features

**3 in one – personal alarm, mes-saging, and cordless telephone**

- Robust, dustproof, waterproof, IP64

- Push button alarm

- No-movement, man-down alarms are standard

- Large, scratchproof, mechanically protected display

- Illuminated display and keypad

- SIM card for identity and personal settings

- Up to 10 modes with personalized settings

- 3 programmable soft keys for each mode

- 10 programmable hot keys

- Manual or automatic keypad lock

- Time and date indication

- Ring signal easily silenced

- Vibration alert

- Separate loudspeaker for ring signal and loudspeaker function

- Sending/receiving messages (SMS)

- Two different text sizes

- Headset connector standard, IP64 classified

## Benefits

**Voice, messaging, alarm and per-sonal security**

The DT422 is part of a system combining voice communication, messaging, and personal alarm/security. It can be adapted to existing Ericsson systems or other open systems.

**Never alone**

The DT422 is the optimum choice for workplaces where maximum security and accessibility is required. In places such as correctional units, factories, and hospitals, with the built-in alarm, you are always close to assistance if you should need it. The alarms for "man-down" and "no-movement" are standard available in the DT422. The DT422 is your guardian and messenger at hand, just a touch of a button away.

**A multitalented telephone, loaded with "standard" Features**

The DT422 is an intelligent combination of telephony, messaging and alarm functions. It ensures reliable access to vital information from, machines, building automation systems, alarm systems, Internet and Intranet, as well as communication with other users. The DT422 is durable, water-resistant, easy to handle, and comes standard with a large backlit display, loudspeaker for hands-free operation, man-down, no-movement alarm, headset adapter and vibration mode for silent notification.

## Technical specifications (DT4X2)

### Physical

| | |
|---|---|
| *Size (L x W x D):* | 134 x 60 x 27 |
| *Weight:* | 140 g (battery included) |

### Material

| | |
|---|---|
| *Case:* | PC/ABS and TPE (free from silicone) |
| *Key pad:* | PC/ABS, illuminated by Electro-luminescent film |
| *Colour:* | Dark grey and Dark steel blue (DT412), Dark grey and Graphite (DT422) |
| *Display (W x H):* | 128 x 64 pixel LCD, illuminated by Electro-luminescent film |
| *Clip:* | Hinge type (standard) or swivel type |

### Environmental

| | |
|---|---|
| *Operating temperature:* | 0°C – +40°C |
| *Storage temperature:* | -20°C – +70°C |

### Signals and volume

| | |
|---|---|
| *Ring signal:* | Adjustable in 5 steps (approx. 100 dB @ 10 cm) |
| *Earpiece:* | Adjustable in 4 steps |

### Battery

| | |
|---|---|
| *Type:* | 550 mAh (NiMH) |
| *Speech time1/ stand-by time:* | 8 h / 80 h (no active alarms) |
| | 5 h / 40 h (alarms activated, DT422) |
| *Charging time:* | 1 h |

### Languages:

11 languages are supported in the handsets: (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, and Swedish)

### Phone book

| | |
|---|---|
| *Maximum name length:* | 16 characters |
| *Maximum number length:* | 22 digits |
| *Entries:* | 100 |

### Telephone Calls

| | |
|---|---|
| *Receive a call:* | Ring signal (5 different), flashing LED, and vibration mode |
| *Answer a call:* | Button press or automatically |
| *Call list storage capacity:* | 20 received, made, and missed calls with time stamp (system dependent) |

### Messaging

| | |
|---|---|
| *Message length:* | System dependent |
| *Storage capacity:* | 20 messages (totally max 20000 characters) |

### Alarm (Only for DT422)

| | |
|---|---|
| *Alarm types:* | 2 push button alarms |

No-movement, Man-down

Alarm is system dependent

### System subscriptions

| | |
|---|---|
| *Number of subscriptions:* | 4 systems, automatic or manual selection |

### SAR

| | |
|---|---|
| *SAR10g (Specific Absorption Rate):* | 0.02 mW/g |

### Classifications

| | |
|---|---|
| *Enclosure protection:* | IP64, IEC 60529 |
| *Free fall test:* | IEC 68-2-32 Ed procedure 1 |

### Standards

| | |
|---|---|
| *DECT:* | EN 301 406, TBR10, TBR22 |
| *EMC:* | EN 55022 (class B), EN 61000-4-2, EN 61000-4-3 |
| *Low Voltage Directive:* | EN 60950 |
| *SAR:* | EN 50360 (Europe), ACA RS 2001 (Australia) |

## DT412 and DT422

**The DT412 and DT422 robust cordless phones provide all the functions you might need.**

| Function | DT412 | DT422 |
|---|---|---|
| SIM card with phone book | Yes | Yes |
| Vibrator | Yes | Yes |
| Microphone on/off during call | Yes | Yes |
| Loud speaking | Yes | Yes |
| Headset connector | Yes | Yes |
| Messaging* | Yes | Yes |
| Acknowledge* | Yes | Yes |
| Interactive messaging* | Yes | Yes |
| SMS (Short Message Service) * | Yes | Yes |
| Data Send* | Yes | Yes |
| Data with prefix* | Yes | Yes |
| Personal alarm* | - | Yes |
| Alarm with Data* | - | Yes |
| Location* | - | Yes |
| Man-down & No-movement alarm* | - | Yes |

* System dependent feature (requires messaging server)

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## Technical requirements

The DT4x2 cordless phones are DECT-GAP and DECT-CAP compliant. The handsets cannot be used on existing A/B protocol systems.

The DT412, DT422 support reception and sending of SMS messages. All messaging functions (including alarm-button and no-movement alarm) require that the functionality also be supported by the messaging application attached to the DCT1800-GAP R2.0, Business Phone R12 or MD110 BC11.

The DT412 and DT422 cordless phones have been approved for all EC/EFTA countries and Australia.

The 4x2 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 DT4x2 however has not been tested on other vendor systems. Functionality of the DT4x2 on other vendor systems can not be guaranteed.