

## 9d24 Mkl Protector

### Features

- 3 in one – personal alarm, messaging and cordless telephone
- Robust, dust and waterproof, IP64 classified
- Push button alarm
- No-movement, man-down and pull-cord alarms as option
- Location with base stations as standard and DECT Locators as option
- Large, mechanically protected and scratch-proof 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
- Vibrator alert
- Separate loudspeaker for ring signal and loud-speaking function
- Sending/receiving messages (SMS)
- Two different text sizes
- Headset connector as option, IP64 classified



### Technical Specifications

#### Physical

Dimensions (l x w x d):	134 x 60 x 27
Weight:	130 g (battery included)
Material:	Case: PC/ABS and TPE (free from silicone) Keypad: PC/ABS, illuminated by LED's (light emitting diods)
Colour:	Dark grey and Dark steel blue Light grey and Dark steel blue (Medic)
Display (w x h):	128 x 64 pixel LCD, illuminated by LED's
Clip:	Hinge type (standard) or swivel type

#### Environmental

Operating temperature:	0°C – +40°C
Storage temperature:	-20°C – +70°C
Immunity to electromagnetic fields:	10V/m (EN61000-4-3)
Immunity to ESD:	8 kV contact discharge and 16 kV air discharge (EN61000-4-2)

#### Volume

Ring signal:	Adjustable in 5 steps (approx. 100 dB @ 10 cm)
Earpiece:	Adjustable in 6 steps
Headset:	Adjustable in 6 steps

**Battery**

Type:	750 mAh (Li-Ion)
Speech time <sup>1</sup> / stand-by time:	12 h / 120 h (no location, no active alarms) 12 h / 120 h (man-down/no-movement alarms) 10 h / 28 h (DECT location) 10 h / 28 h (DECT location and man-down/no-movement alarms)
Charge time:	2 h in desktop charger 4 h in charging rack

**Settings**

Languages:	12 (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Spanish and Swedish)
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**Phonebook**

Maximum name length:	16 characters
Maximum number length:	22 digits
Entries:	100

**Telephony**

Indication:	Ring signal (5 different), flashing LED and vibrator
Answer call:	Button press or automatically
Call list storage capacity:	20 received <sup>2</sup> , made and missed <sup>2</sup> calls with time stamp

**Messaging<sup>2</sup>**

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

**Alarm<sup>2</sup>**

Location types:	Closest DECT Base station as standard 9dLD Location Devices as option
Alarm types:	2 push button alarms No-movement, Man-down and Pull-cord alarms as option

**DECT**

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

SAR <sub>10g</sub> (Specific Absorption Rate):	0.025 W/kg
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**Endurance**

Enclosure protection:	IP64, EN 60529
Free fall test:	IEC 60068-2-32 procedure 1 Dropped 12 times from 1 m

**Compliance to European regulations and standards**

EU directives:	73/23/EEC(LVD), 89/336/EEC(EMC), 1999/5/EC (R&TTE)
Product marking:	CE
DECT:	EN301406, TBR10, TBR22
SAR:	EN50360
Safety:	EN60950-1:2001
EMC:	EN301489-1, EN301489-6

### Compliance to other regulations and standards

DECT standard (AUS):	ACA TS028
Product marking (AUS):	
Safety (AUS):	IEC 60950-1
SAR (AUS):	ACA RS 2003

Functions	9d24 MkII Messenger	9d24 MkII Protector
SIM card with phonebook	Yes	Yes
Vibrator	Yes	Yes
Microphone on/off during call	Yes	Yes
Loudspeaking function	Yes	Yes
Headset connector	Yes	Yes
Messaging <sup>2</sup>	Yes	Yes
Acknowledge <sup>2</sup>	Yes	Yes
Interactive messaging <sup>2</sup>	Yes	Yes
SMS (Short Message Service) <sup>2</sup>	Yes	Yes
Data Send <sup>2</sup>	Yes	Yes
Data with prefix <sup>2</sup>	Yes	Yes
Personal alarm <sup>2</sup>	-	Yes
Alarm with Data <sup>2</sup>	-	Yes
Location, base stations <sup>2</sup>	-	Yes
Location, DECT locators <sup>2</sup>	-	Option
No-movement alarm & Man-down <sup>2</sup>	-	Option
Pull-cord alarm <sup>2</sup>	-	Option

<sup>1</sup> Not applicable with loudspeaking function

<sup>2</sup> System dependent feature

*Specifications are subject to change without notice.*