



Safety



Comfort



Security



Silent Alarm
Telephone Book

Smoke Alarm
Hands-free Comfort Phone

home-based DECT System
Voice Assistant

DATA SHEET

Technical Specification

please browse website for updated Data Sheet

GENERAL DATA

size (L*W*D)	70*42*14 [mm]
weight	45g
operational temperature	+5° till 45° Celsius
storage temperature	-15° till 55° Celsius
	non-condensing
protection	splash protected IP64
mechanical stress	till 2m fall height
housing	high gloss plastic white
	rubber seal in 5 colors
necklace	80cm / length adjustable
	breaking point at 4kg tension load
Call Button	central with LED and Vibration
Side Keys	waterproof
LED	Ring LED for operational states
	point LED for states BATT and DECT
Loud Speaker	high sound level
Microphone	all around characteristic
USB (for configuration)	Micro USB
Battery	Li-Ion-Polymer 450mAh
Standby	typ 72h
Standard Operation	typ 48h
contactless Charging	Qi Standard

RADIO SYSTEM

DECT ETSI Standard CI	ETS 300 175
DECT ETSI Standard GAP	EN 300 444
DECT GAP EU, US	Auto Detect
Operation in Europe, USA	Auto Mode
Range	typ 50m within building
	typ 300m outdoor
DECT chipset	DCX79 (DSPG)
DECT Handset Stack (PP)	DOSCH&AMAND
Hands-Free Telephone	premium Audio quality
Compatibility	all DECT GAP Base Stations
Subscription	Plug & Play via "easy subscription"
PIN Basis individual	up to 8 numbers via PC APP

SILENT ALARM

manual Help Call	Tastendruck > 2Sek
Audio	Loudspeaker OFF
Room Monitoring	Microphone ON
Ring LED	OFF
Status LED	dimmed optical display
Vibration 1 time	S-LED red dialling 1. number
Vibration 1 time	S-LED red dialling next number

Vibration 3 times	S-LED green contact established
Vibration 3 times	S-LED green room monitoring

Application threat, danger or scary situation
 Alarm triggered unnoticeable
 target unrecognizable call for help



Control Elements



Charging Disk according Qi Standard contactless charging



„easy subscription“ via Call Button
 Registration to home-based DECT station
 eg Fritzbox, Speedport, Gigaset, Panasonic, Philips



SILENT Alarm LED OFF, Audio OFF
 feedback via
 o Vibration pattern
 o dimmed Status LED (needle LED)
 Room Monitoring activated

SMOKE ALARM DETECTION

Configuration none
 Ready-for-Operation instantly
 compatible with all Smoke-/Heat Detectors
 Activation automatic on Charging Disk
 Audio Analysis SWEEP Comb Filter
 Detection Rate typ >99%
 False Alarm typ <0,1%
 Alarm Progression situative

automatic Help Call Sequence 3 help + 1 emergency
 iVA informs about smoke event, person, address, access
 iVA integrated Voice Assistant

HELP call numbers (with iCM) 3
 immediate help (neighbour, house keeper)
 Repetitions ex works setup 0
 Announcement of called Name iVA
 Dialling Process secured via iCM
 Detection of invalid calls iCM

EMERGENCY Call number (w/o iCM) 1
 professional help, Service Call Center

target call help contacts in case of absence
 protect your apartment/domicil/holiday resort
 avoid expensive false alarms



automatic help call
 „this is a Smoke Alarm at“
 SWEEP Comb Filter Analysis
 Detection Rate typ >99%
 False Alarms typ <0,1%

Comfort Telephony with FAMILY & FRIENDS

Telephone Book, number of entries 10
 Tel-Number with Name PC APP
 Conversion Name into Audio T2A Encoder
 T2A Text-to-Audio
 Announcement Names via iVA
 Incoming Call with Caller Name *1) „Susan is calling“
 Auto-Hook-Off *1) configurable per number

*1) DECT Base Station with CLIP requested

Outgoing Call Ruf via contact name „calling Martin?“
 Selection of Name via side key



handsfree calls
 Telephone Book with Names
 up to 10 contacts

iCM intelligent CALL MANAGER

Call Monitor & Analyzer all Call Sequences
 Targets Detection of invalid Calls
 secure execution of Call Sequences
 Detection of Busy Tone
 automatic Release of Calls after Busy Tone

Invalid Calls release 06.2019
 to Mobile Phones out-of-range
 switched off
 Answering Machine
 to any phone Answering Machine w/o dial tone
 Call with call duration <2 sec
 Duration of dialling beyond configured Ringing Time

iVA integrated VOICE ASSISTANT

available languages (rev June 2019) 7
 German * Turkish
 English * French * Dutch * Spanish * Italian
 more languages on request
 or download via Support Website

Application Areas
 personal data Name, Address, Access
 announcement in automatic calls
 Telephone Book Names instead of Numbers
 Error Messages for all operations
 Warnings Battery and DECT range

PC APP

compatible with WIN7/WIN10
 included in scope of delivery USB stick
 Configuration and Data Storage locally on USB stick
 Easy Handling no skills necessary
 language PC APP automatic
 available languages (rev June 2019) 7
 German * Turkish
 English * French * Dutch * Spanish * Italian

System Aids

System Time automatic via PC time
 Version Software Release
 registered Base Station RFPI Number
 Upgrade new device Firmware
 Subscription to Base Station PIN up to 8 numbers
 De-Register from Base Station
 RESET to ex works Setup
 RESET all / completely

Personal Settings

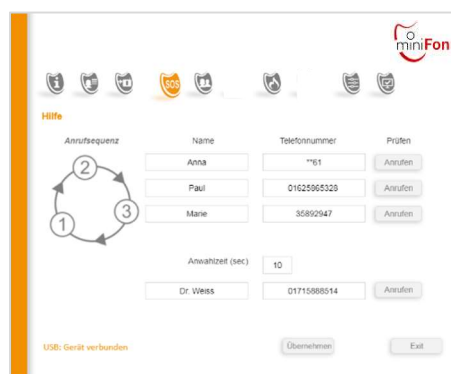
Personal Data Name, Address, Access
 Telephone Book 10 Numbers with Names
 Silent Help Call Call Sequence , indefinite Repts
 Smoke Alarm Detection Call Sequence + Repetition

Audio Settings

iVA Voice Assistant instantly operational
 available languages (rev June 2019) 7
 German * Turkish
 English * French * Dutch * Spanish * Italian
 more languages on request
 loudness in 5 steps, ex works: medium
 Ringing 5 polyphonic melodies, ex works: Old Style
 loudness in 5 steps, ex works: medium
 Telephony loudness in 5 steps, ex works: medium

SET-into-OPERATION

precondition WAN link and DECT Base Station
 Plug & Play in 2 steps operational
 1. subscribe to Base Station press Call Button
 2. external Call to check OK Ringing, Hook Switch
 automatic apply/use 1. call
 for telephone book Tel No 10
 for all Emergency Calls Silent Alarm, Smoke Alarm
 individual configuration via PC APP
 precondition PC with WIN7/WIN10
 remote configuration on request
 release 06.2019 not included



Configuration Sheet: SILENT Alarm

MODEL

Class of Product DECT Amulette Phone
 Type DA1421
 Title DECT miniFon
 Ident Number DA1421.1000.<Color Code>
 color rubber black, blue, green, orange
 Color Code 01 02 03 04

SCOPE of DELIVERABLES

Amulette Telephone DECT miniFon
 Charging battery Qi charging Disk
 connection Qi Disk and PC USB cable
 Power Supply Qi Disk USB Power Supply
 PC APP and Data storage USB stick
 Application necklace
 Set-into-Operation Get-Started leaflet

not included
 DECT Base Station no configuration necessary
 Home-based DECT System
 according DECT GAP Standard
 e.g. Fritzbox, Speedport, Gigaset, Panasonic, Philips,

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