Ergophone

Ergophone H 200

Digital carephone

Thanks to pure mobile radio operation, only a power connection is required for the carephone: plug in, test, done. The unique display solution revolutionizes usability and brings significant benefits for users and installers. Ergonomic design, network capability and the exchangeable housing are further advantages of the carephone.

made in QUALITÄT germany

Features

Emergency call
- Large emergency call button with red LED light ring
- Plain text display, LED-signalisation and voice announcement during emergency call process
- Hands-free with excellent voice quality
- Standardized digital SCAIP protocol for secure data connection to the service centre
- 10 targets (IP-address/call number)

Service call
- Call button for easy contacting of the service centre
- Plain text display during service call

Vital sign function
- Yellow daily button for confirmation of activity
- Green function button to log in and out
- Button labelling in plain text
- Optional: Motion detector for activity confirmation
- Optional: Burglary protection (project-specific)

Connections
- 2 SIM card slots (lockable)
- DIN socket for power supply
- Micro-USB port for programming via PC or to transfer data via stick
- Internal USB socket for optional IP, WLAN or Bluetooth applications
- Connection for an external mobile radio antenna

Housing
- Two table positions (flat or inclined) or wall mounting
- Insensitive to dirt, easy to clean surface
- Replaceable housing

Radio transmitter
- Connection of up to 12 radio transmitters possible
- Different Ergophone-radio components can be registered: e.g. radio smoke detector, radio cord pull switch or radio sensor mat
- Simple assignment of the transmitters

Administration/Configuration
- Local configuration via the web-based configuration program
- Fast „on-site commissioning" via menu in the device (menu navigation via display)
- Local backup of the configuration
- Automatic configuration
- Configuration via USB-stick
- Local update via PC or USB stick or mobile radio connection
- Maintenance menu in the device (set carephone to factory settings and switch off)

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Features, continuation

Safety
- External antenna for secure mobile reception
- Permanent display of the current mobile radio field strength in the display
- Test of the mobile radio field strength and the range of the radio components via test mode in the menu
- Test mode for radio transmitters on site (e.g. for smoke detectors)
- Monitoring of power supply, battery power, mobile radio connection, radio transmission path and battery status of the radio transmitters
- Plain text display of faults in the display, optional voice announcement or warning tones
- Overview of the faults in the „Service-Info" menu
- Emergency power supply via integrated rechargeable battery (at least 24 hours)
- Connection security to the service centre through adjustable TLS encryption

Comfort
- Ergonomic operating elements
- Large display (240 x 64 pixels), white backlit, contrast adjustable
- Display of the emergency call sequence in plain text reassures the user
- Button labelling in plain text (button function must not be learned)
- Helpful status messages in plain text
- Acceptance of external calls via the radio pedant (optionally configurable)
- Privacy protection: External calls can be suppressed
- Auto answer mode (after calling, the phone switches to hands-free mode automatically)
- Fault messages in plain text
- Acoustic fault messages can be muted
- Individual display messages configurable
- Day/night switching (acoustic warning messages are suppressed at night, the illumination is dimmed)
- Setup-, info- and maintenance-menu can be called up on the device

Radio pendant TRX-S
- Non-slip button with a clear pressing point
- Dust-tight and protected against temporary submersion in water according to protection class IP67
- Hygienic, easy to clean
- European Social Alarm frequency 869,2 MHz
- Bidirectional transceiver (TRX)
- 2-color LED to indicate a triggered call (red) and acknowledgment of receipt (green)
- Battery- and transmission path-monitoring
- Battery life: up to 5 years under normal use

Technical data

Connectivity	Mobile radio communication
Mobile radio-standard	LTE (VoLTE-4G) with fallback level to 2G
Emergency protocol	SCAIP
Number of targets	10 IP addresses/call numbers
Number of radio transmitter	12
Radio receiver	Class 1 according to EN 330220-1 V3.1.1 / EN 300220-3-1 V2.1.1
Radio frequency	869.2375 MHz
Radio-based signal transmission 896,2 MHz	According to DIN EN 50134-2
Radio-coverage	Up to 30 m in buildings (depending of the building structure), up to 250 m outdoors
Protection class	Radio pendant: IP67
Power supply	Mains operation, emergency power battery
AC Adapter	Protection-class 2, DC 5V 2A
Battery pack	3,7V, NI-MH 3000 mAh
Battery operating time	24 hours
Display	LCD graphic display 240 x 64 pixels
Available languages	DE, GB, FR, IT, NL
Speakerphone	Duplex
Volume settings	5-levels, up to 5 m range
Dimensions (W x D x H)	About 195 x 120 x 33 mm
Weight	About 520 g (with battery pack)
Housing material	PC/ABS
Temperature range - operations - for storage	5°C - 40°C -5°C - 70°C

- Coverage: up to 30 m in buildings (depending of the building structure), up to 250 m outdoors
- Cord and stretch bracelet included

Connection:	Mobile radio communications LTE (4G)
Color:	Light grey

The carephone includes Linux/GNU open source software. You can request further support via „info@ergophone.de".

Subject to modifications.
Product color similarly to the illustrations. Doc.-version: 05.