Ergophone

Ergophone S 510

Analog ergonomic comfort telephone

The „Ergophone S 510" sets new standards of comfort, quality and safety. The easy and intuitive operation results from the unique ergonomics of the phone. The emergency call and vital sign function as well as the auto answer mode ensure flexible and rapid communications in case of emergency. Special versions of the phone allow the integration of wired call triggers like pear- or cord pull switches.

Features

Extra large display
- LCD graphic display, 240 x 64 dots, illuminated
- Display messages in 5 languages adjustable
- Indication of call duration, date and time
- Brightness of display adjustable

Extra large keys
- Large ergonomic keys
- Key „5" with orientation light, if keypad illumination off
- Illumination of display and keypad by movement detector

Telephone features
- Dialling with offline call preparation
- Automatic disconnection of the line by engaged tone recognition
- Redialling from the call list
- Easy menu guidance (suppression of functions reserved to authorized persons. Activation via PIN code)
- Call list of incoming and outgoing calls (20 entries), missed calls are signaled via LED and cleartext
- Indication of the last incoming number (CLIP)[1]
- Phonebook for 50 entries (name and number)

- Call list entries can be stored in the phonebook
- 7 speed dialling keys with name plates
- Service-key (only programmable with PIN-code)
- 10 memories (abbreviated dialling)
- Hands-free mode/listenig in
- On hook dialling
- Direct call[2] and automatic direct call[2]
- Full dialling restriction[2]
- Dialling restriction of selected phone numbers (5 barring numbers)[2]
- Dialling restriction excluding speed dialling numbers[2]
- Keypad leading adapter (aid for dialling)

Audio features
- 10 ringing melodies adjustable
- Volume control by shifting ringer. Extra loud, if desired.
- Full ringer off
- VIP-list/Forbidden number list (each 10 entries)
- Volume control by shifting for loudspeaker and handset via slide switches. Extra loud, if desired.
- Key tone (on/off)
- Handset to hearing aid compatible

Ergophone S 510
Features, continuation

Visual displays
- Ringing indication via flashlight (on/off)
- Ringing indication via display
- LED for missed calls/fault messages on/off switchable

Safety functions
- Emergency call function (separate emergency key with reassurance-LED, 9 emergency numbers can be stored, standard-announcement, individually emergency announcement recording, automatic switch to hands-free mode after acknowledgement via key 5, automatic hang up, special emergency call parameters programmable)[3]
- Auto answer mode (after calling the phone switches into monitoring mode). Activation via „number of rings", CLIP[1] number or special call.
- Vital sign function (confirmation of presence)
- Fault messages if the power supply fails, if the telephone line fails, if the battery is almost empty (indicated at the phone or via dialling of stored numbers with fault message annnouncement)
- Test call (automatic call to stored phone numbers at a specified time)
- Battery pack for phone operation during a power failure
- Log in/out of the caregiver via key

Basic settings
- Personal identification number (PIN) programmable
- Dialling mode: tone
- Connection to a PABX possible (programmable signal key flash and CO-line code)
- Exception numbers programmable
- CLIP mode[1] (rated CLIP or DTMF-CLIP) switchable
- Headset mode
- Date/time/movement-detector/illumination on/off

Configuration/Software-Updates
- Configuration via phone-menu/web-browser and transfer to other phones via SD card
- Software-update via SD card
- Check out: All non-PIN-protected functions are set to the factory settings.
- Reset

Special versions for expansion as an emergency system
„Ergophone S 510" with
- Contact input (e.g. to connect cord pull switches)
- Pear switch connection
- Priority function
- Contact output

Technical data

Dimensions (W x D x H):	About 230 x 197 x 80 mm
Weight:	About 850 g
Housing material:	ABS
Telephone connecting cable:	3 metres
Wire assignment:	Pin 3: la, pin 4: lb
Power supply:	Conduction current only for phone operation
Conversation circuit:	Active
Earphone and microphone capsules:	Dynamic earphone/electret microphone
Ringing device:	Variable ringing signal, adjustable volume (variable slide switch) and melody (10 different melodies)
Hands-free device:	Half-duplex
Loudspeaker/handset volume:	Variable, adjustable via slide switch
Display:	Graphic LCD, 240 x 64 dots
Max. length of numbers:	20 digits
AC adapter:	Protection class 2, DC 5V 1A
Battery:	4,8V, NI-MH 700 mA
Temperature range - operation:	0°C up to + 40°C
- for storage:	- 5°C up to + 70°C
Length of the emergency announcement:	About 15 seconds
Movement detector for illumination:	Infrared movement sensor
Illumination of display and dial pad:	High eff. LED in white

Table and wall version
Optional: Wall mounting using a separate wall holder

Intended use:	The telephone is designed for connection to analog line interfaces of public switched telephone networks and analog ports of PBXs.
Color:	Anthracite

[1] Function must be offered and activated by the network operator.
[2] Exception numbers and emergency call numbers can be dialled.
[3] In case of network failures, call recipients can not be reached.

Subject to modifications.
Product color similarly to the illustrations. Doc.-version: 03.