

# Ergophone



## Ergophone S 510 IP

Ergonomic telephone of the new generation.

The „Ergophone S 510 IP“ telephone combines ergonomic design and easy operation with the possibilities of the modern IP network. The phone becomes the control center for the exchange of information between telephones, emergency call servers and home automation electronics. Special versions of the phone allow the integration of wired call triggers.



### Features

#### Extra large display

- LCD graphic display, 240 x 64 pixels, illuminated
- Display messages in 5 languages switchable
- Indication of date and time
- Brightness of display adjustable

#### Extra large keys

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

#### Telephone features

- Dialling with offline call preparation
- 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
- Access to voice-mail systems
- Phonebook for 50 entries (name and number)
- Call list entries can be stored in the phonebook
- 7 speed dialling keys with name plates
- 10 memories (abbreviated dialling)
- Hands-free mode/Listening in

- On hook dialling
- Direct call<sup>1</sup> and automatic direct call<sup>1</sup>
- Full dialling restriction<sup>1</sup>
- Dialling restriction excluding speed dialling numbers<sup>1</sup>
- Dialling restriction of selected phone numbers (5 barring numbers)<sup>1</sup>
- Keypad leading adapter (aid for dialling)

#### Audio

- 10 ringing melodies adjustable
- Volume control by shifting ringer. Extra loud, if desired.
- Full ringer off
- VIP-list/Forbidden number list (each 9 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
- Audio-Codecs: G711 (PCMU, PCMA), G723, G726-16, G729

#### Visual displays

- Ringing indication via flashlight (on/off)
- Ringing indication via display
- LED for special applications

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### Features, continuation

#### Safety- and care-functions

- Emergency call function (emergency calls to a server and/or to phone numbers, for each trigger up to 6 call numbers and one announcement are assignable individually, separate emergency call key with reassurance-LED, automatic hands-free connection, automatic hang up, special emergency call parameters programmable)<sup>2</sup>
- Auto answer mode (after calling the phone switches into monitoring mode). Activation via time or CLIP number.
- Vital sign function (confirmation of presence)
- Fault messages (if the registra or the LAN is failed or the DHCP server could not be reached) indicated at the phone
- Automatic fault message to a server or to a phone
- Test call with test call announcement (automatic call to a server or to a phone at a specified time)

#### Basic settings

- Personal identification number PIN programmable
- Exception numbers programmable
- Date/time/movement-detector/illumination/headset mode/caller LED on/off
- Optional: Wall mounting

#### Administration/Configuration

- Auto-provision via FTP/TFTP
- Configuration via browser/phone/auto-provision
- Factory configuration customized
- Trace package and system log export
- Backup via FTP-config-server
- Automatic/manual firmware update

#### Network features

- 1 SIP-account
- SIP v1 (RFC2543)
- SIP protocol (TCP and UDP)
- IPv4
- DTMF: In-Band, RFC2833, SIP Info
- IP-assignment
- TFTP/DHCP-client
- HTTP-server

#### Special versions for expansion as an emergency system

„Ergophone S 510 IP“ with

- Contact input (connection of cord pull switches)
- Pear switch connection
- Contact output

### Technical data

Dimensions (W x D x H):	About 230 x 197 x 80 mm
Weight:	About 850 g
Housing material:	ABS
Connections:	LAN 10/100 via network cable
Power supply:	PoE or AC adapter
PoE Standard:	IEEE 802.3af, class 2
AC adapter, optional:	Protection class 2, DC 5V 2A
Conversation circuit:	Active
Earphone and microphone capsules:	Dynamic earphone/electret microphone
Ringng 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 pixels
Max. length of numbers:	20 digits
Temperature range	
- operation:	+ 5°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 and red

Intended use:	The telephone is designed for connection to the Ethernet
Color:	Anthracite

<sup>1)</sup> Exception numbers and emergency call numbers can be dialled.

<sup>2)</sup> In case of network failures, call recipients can not be reached.

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

*Subject to modifications.*

*Product color similarly to the illustrations. Doc.-version: 07.*