Ergophone

Ergophone S 510 IP radio

Ergonomic telephone of the new generation.

The „Ergophone S 510 IP radio" combines unique telephone comfort with the monitoring and control possibilities of modern IP network. The phone can be expanded by numerous radio units and the integration of the room automation electronics to a comprehensive comfort- and security system.

made in QUALITÄT germany

One radio pendant included.

Features

Extra large display
- LCD graphic display, 240 x 64 pixels, illuminated
- Display messages in 5 languages adjustable
- 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
- Call pick-up via radio transmitter (transmitter activates hands-free mode at the phone)
- 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[1] and automatic direct call[1]
- Full dialling restriction[1]
- Dialling restriction excluding speed dialling numbers[1]
- Dialling restriction of selected phone numbers (5 barring numbers)[1]
- 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 functions
- Emergency call function (emergency calls to a server and/or to phone numbers, for each trigger up to 6 phone numbers and one announcement are assignable individually, separate emergency key with reassurance-LED, automatic hand-free connection, automatic hang up, special emergency call parameters programmable)[2]
- Radio emergency call operation (one radio pendant included, European 869,2 MHz Social Alarm frequency, up to 19 wireless transmitters can be registered)[2]
- 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 or if the pendant's batterie is nearly empty or if the daily message do not appear) 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
- 1SIP-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 emerg. system
Contact input, pear switch connection, contact output

Components for an radio emergency system
Radio pendant TRX with cord, radio smoke detector TRX, radio thermal detector TRX, technical radio transmitter TRX, radio cord pull switch, radio tile TRX, radio sensor mat TRX

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
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 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
Radio receiver system:	869,2 MHz, MFM coding
Coverage of the radio transmitter:	Outdoors up to 250 metres / in buildings up to 30 meters

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

[1] Exception numbers and emergency call numbers can be dialled.

[2] In case of network failures or radio interferences 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.