FreiTel-TWB-IP

Flush-mounting Handsfree Phone for VoIP (with emergency telephone)

FreiTel-TWB-IP is a phone module for VoIP that can be connected directly to a LAN-switch. It is using standard SIP protocol for VoIP interaction with a soft-PBX or a service provider

Standard phone functionality:
For outgoing calls FreiTel-TWB-IP has a illuminated dial keypad with a hook-off and hook-on key. DTMF post dialling is implemented according to CCITT Q.23.

Emergency call:
FreiTel-IP establishes connection to a predefined helpdesk while pushing the button on the front. The connection remains stabile until the helpdesk terminates the phone call (emergency call function). During establishment of the connection an automatic announcement is done instead of the dial tone and the yellow light is on.
The yellow light remains on during the whole connection, the green light shows the open channel for speaking.

Announcement:
FreiTel-IP is able to accept incoming calls, if it is allowed by configuration The permission can be reduced to predefined CLI and/or to loudspeaker activation only. The yellow light is on during connection, the green light shows if the channel is open for speaking.

An external active loudspeaker box can be connected to FreiTel-IP to replace a separate electroacoustic system. The loudspeaker is activated only during incoming calls without open microphone.

Option:
FreiTel-IP emergency phone without dial keypad
Please see document FreiTel-IP

Separate accessories:
Surface-mount chassis:
Stainless steel

8W surface-mount loudspeaker with amplifier:
Replacement for a separate electroacoustic system.

FreiTel-IP features

VoIP phone features
Connection to a SIP-proxy/ -registrar (Soft-PBX or service-provider) according to RFC 3261
G.711 voice encoding for best voice quality

Monitoring of availability:
The soft-PBX „TAS-Com“ in the centre office is able to control availability of interconnection to FreiTel-IP regularly and its functionality .
A floating output signalises faults of interconnection and functionality at the unit directly.

Technical data:
- Integrated Loudspeaker 0,8W and microphone
- Pushbutton (Stainless-steel)
- LED display yellow and green
- Ethernet 10 Base-T, RJ45 jack
- VoIP-signalling SIP (RFC 3261)
- Frontpanel: Stainless steel or aluminium
- Flush-mounting unit (B x H): 120 mm x 300 mm
- Power consumption: 2W over PoE according to 802.3af or 12V= by separate mains.
- External interface to loadspeaker-amplifier or active loudspeaker box.

Abb.: FreiTel-IP handsfree-phone

V1.10 Subject to change without notice !

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