



Sangoma P310 Value IP Phone

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Product Name: Sangoma P310 Value IP Phone Manufacturer: Sangoma Model Number: 1TELP310LF

Sangoma P310 Value IP Phone

The Sangoma P310 offers essential entry-level features without sacrificing on the function and performance typically available with more advanced phones. Enjoy HD voice and unprecedented plug-and-play deployment for Sangoma's entire Unified Communications portfolio, including Switchvox, PBXact, FreePBX, and Asterisk. Sangoma P310 Key Features

i¿½ High definition call quality
i¿½ Two VoIP lines
i¿½ 2.4" backlit colour display
i¿½ Built-in EHS support for wireless headset compatibility
i¿½ TLS, SRTP, and VLAN for secure communications
i¿½ Gigabit Ethernet option (Available with P315)

Sangoma P310 - Technical Specifications User Interface

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 $\frac{1}{2}$ 2.4 inch 320 x 240 pixel backlit color LCD display

ï¿1/2 2 line appearance keys

ï¿1/2 4 feature keys

ï¿1/2 4 context-sensitive soft keys

ï¿1/2 6-key easy navigation controller

ï¿1/2 Headset, handsfree, and mute keys

ï¿1/2 2-colour LED message waiting indicator

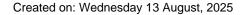
ï¿1/2 Volume Control

Phone Applications

� Contacts � Call log � Status � Park calls � Forward calls

Phone Features

i¿½ Auto-answer
i¿½ Headset-answer
i¿½ Headset-ring
i¿½ Distinctive ring
i¿½ Custom ringtones
i¿½ Call waiting
i¿½ Call transfer (blind & attended)
i¿½ Call forward
i¿½ Call forward
i¿½ Call parking
i¿½ Call pickup
i¿½ Intercom/Paging
i½ Busy Lamp Field (BLF)
i¿½ 3-way conferencing





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� Do Not Disturb (DND)
� Redial
� Call timer
� Caller ID display
� Hot Desking Supported on Switchvox 7.8 and above

Audio Features

i¿½ Handset, handsfree, and headset modes
i¿½ Full-duplex HD speakerphone with echo cancellation
i¿½ Hearing aid compatible
i¿½ Background noise suppression
i¿½ Multicast audio playback
i¿½ Wideband: G.722
i¿½ Narrowband: G.711 ulaw/alaw, G.726, G.729a

Network Support

i¿½ Static or DHCP IP address assignment
i¿½ NTP time synchronisation
i¿½ Priority quieting
i¿½ VLAN, LLDP, NAT traversal, QoS
i¿½ 802.1X pass-through
i¿½ 802.1X authentication

Language Support

ï¿1/2 Dutch, English, French, German, Italian, Portuguese, Russian, Spanish

SIP/VoIP Support

� SIP v2
� TLS/SRTP
� DTMF, RFC4733
ï½ SIP peer-to-peer
ï½ SIP presence (SUBSCRIBE/NOTIFY)
� Per-account digit map/dial plan
� Dial using SIP URI
� Dial using SIP server
� Secure SIP authentication

Connections

i¿½ 4P4C (RJ-9) handset and headset jacks
i¿½ P310: 2 switched 10/100 Mbps Ethernet ports
i¿½ P315: 2 switched 10/100/1000 Mbps Ethernet ports
i¿½ 12-volt DC power port (12-volt power unit optional)
i¿½ 5-pin Electronic Hookswitch (EHS) communication port

Provisioning

i¿½ Switchvox
 i¿½ Sangoma Endpoint Manager for PBXact and FreePBX
 i¿½ DPMA (Deskphone Module for Asterisk)
 i¿½ DHCP Option 66



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ï¿1/2 XML Configuration

Management

i¿½ Firmware update via browser i¿½ Factory restore via GUI i¿½ Remote logging via syslog

Regulatory Compliance

ï¿1/2 CE Mark, FCC Part 15, Class B

Maximum Power Consumption

� P310: 2.5W � P315: 2.5W

Operating Conditions

� Temperature: +32 to 122F / 0 to 50C � Relative Humidity: 5% to 95% non-condensing

Storage Temperature

ï¿1/2 -4 to 160F / -20 to 70C

Shipping Box Dimensions / Weight

ī¿½ P310: 11.93" x 8.2" x 3.5" 2.4 lbs ī¿½ P315: 11.93" x 8.2" x 3.5" 2.4 lbs

Warranty

� One Year

Software Minimum Version Requirements

ï¿1/2 Swichvox 7.7.1, DPMA 3.6 and latest versions of FreePBX/PBXact and EndPoint Manager

Price: £52.20