Alcatel

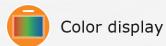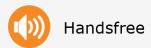## SP2502

The essentials of business telephony redefined

- **2.8" TFT Color display** for easy access to a variety of business functions through a vivid and intuitive interface

- Access to **large local and network phonebooks** for enhanced contact management

- **Full duplex handsfree** to ease your conference calls

- **Headset and EHS* support** for convenient conversations in office environments

- Embedded **VPN client** for secure remote connections

	Color display
	2 sip accounts
	HD voice
	Handsfree

SP2502

MAIN FEATURES

- 2.8", 320x240 TFT color display
- 2 sip accounts
- Power over Ethernet
- Full duplex handsfree
- Wideband audio
- RJ9 headset port and headset key
- EHS support for Plantronics headsets (with APD-80)
- Call log: 100 entries (received, dialed, missed)
- Phonebook: local (500 entries, downloadable), XML. LDAP, black and white lists
- Caller ID (name & number)
- Multiple built-in languages on WUI and phone MMI

FUNCTION SUPPORT

- Call waiting, call swap, up to 10 call handling
- 2 programmable line/function keys with BLF support
- 4 customizable softkeys, downloadable wallpaper
- Programmable shortcuts in navigation keys
- Visual indicators (LED or on/screen:incoming call, MWI, mute, headset, no service)
- Mute, hold, transfer, call forward, call deflection, redial, 3-way conference
- 9 built-in melodies
- Do Not Disturb (per line and per phone), keypad lock
- Auto answer (per line)
- Volume control (handset, speakerphone, headset and ringers)
- Peer-to peer mode, IP Call
- Dial plans, prefix replacement, call barring
- Anonymous call, ACR
- XML browser, action urls, click to talk
- Keypad lock
- Hot line

IP PBX INTEGRATION

- Voicemail access, MWI
- Network conference
- BLF (list/extension)
- DND&CF sync, SCA
- Intercom, music on hold, multicast paging
- Call park, pickup
- Call completion
- Country call progress tones
- Distinctive ringing
- VIP melodies

KEYPAD

- 4 customizable softkeys
- Configurable idle mode function for all hardkeys
- 2 programmable line/function keys with BLF support
- 5 way navigation key (configurable shortcuts for idle mode)
- Redial, access to voicemail keys
- Mute, hands free and headset keys
- Volume up and down (on navi keys)

INTERFACES

- 2 RJ-45 auto sensing 10/100Mps (LAN/PC)
- 1 RJ-9 port for handset connection
- 1RJ-9 port for headset connection
- 5Vdc power jack

TECHNICAL SPECIFICATIONS

VoIP Protocol Support:
- SIPv2 (RFC3261)

Voice Features:
- G722, G711A, G711u, G723.1, G726-32, G729ab
- Wideband audio
- Voice Activity Detection, Comfort Noise Generation, Acoustic Echo Cancellation, Packet Loss Concealment, Adaptive Jitter Buffer (300ms), AGC, VQR, RTCP-XR
- Full duplex handsfree with AEC, 96ms tail length
- DTMF: In band, RFC2833, SIP Info

Network Features:
- DHCP/Static/PPPoE
- DNS Srv, STUN, NTP
- 802.1x, LLDP
- Port mirroring
- QoS 802.1p/Q, ToS/DSCP

Security Features:
- TLS, SRTP, HTTPS with mutual certificate authentication
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- Config file AES encryption
- 2 level access privileges (user/admin)
- Password dial, web filter, firewall
- Server and client certificate upload; MAC-based device certificate

Industrial Standard Certifications:
- FCC, CE

CONFIGURATION AND MANAGEMENT

IP address Assignment:
- DHCP, static IP, PPPoE

Configuration Support:
- Keypad
- Web browser management (Admin/User), HTTP/HTTPS
- Autoprovision with PnP, HTTP/HTTPS/TFTP/FTP, APRT support, firmware upgrade through provisioning files or notification server
- One-click config file generation, config restore
- TR069
- Pcap tracing, syslog

PHYSICAL & ENVIRONMENTAL

Mounting:
- Adjustable multiposition footstand: 2
- Desk top and wall mountable

Power over Ethernet:
- 802.3af, class 1

Power Adaptor:
- AC100-240V input, 5Vdc/1000mA output (not included, order separately)

Power Consumption:
- 1.1-1.8W

Operating temperature:
- From 0º to 40ºC

Operating Humidity:
- 10% to 60% non-condensing

Storage temperature:
- Up to 50ºC

Package dimensions:
- 250x205x70 (WxLxH)

COMMERCIAL REFERENCE

SP2502	3700601490008
PSU for SP2502 (EU)	3700601490107
PSU for SP2502 (US)	3700601490114