

# CP2502



## Reshape the essentials of business telephony



- 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 hands free to ease your conference calls
- Headset and EHS\* support for convenient conversations in office environments
- Embedded VPN client for secure remote connections

## Main Features

- 2.8", 320x240 TFT color display
- 2 sip accounts
- Power over Ethernet
- Full duplex hands-free
- Wideband audio
- RJ9 headset port and headset key
- \*EHS support for Plantronics headsets through ADP-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
- Programmable shortcuts
- 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

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

## 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
- Full duplex hands-free 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
  - VPN: L2TP (Basic Unencrypted) / OpenVPN
  - Config file AES encryption
  - 2 level access privileges (user/admin)
  - Password dial and certificate management
- Industrial Standard Certifications: CE

## Configuration & 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
  - One-click config file generation, config restore
  - TR069
  - Pcap tracing, syslog

## Physical & Environmental

- Mounting:
  - Adjustable multiposition foot stand: 2
  - Desk top and wall mountable
- Power over Ethernet:
  - 802.3af
- Power Adaptor:
  - AC100-240V input, 5Vdc/1000mA output (not included, order separately)
- Power Consumption:
  - 1.1-1.8W
- Operating temperature:
  - From 0° to 40°C
- Operating Humidity:
  - 10% to 60% non-condensing
- Storage temperature:
  - Up to 50°C

## Interfaces

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

## Commercial References

CP2502: 3700601418378

PSU for CP2502/CP2503/CP2503G (EU): 3700601418415

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