



ADTRAN VVX 500

Performance Business Media Phone

Product Features

- Improves knowledge-worker productivity
- Reduces training time through superior calling features in a sleek design and simple-to-use phone
- Reduces telephony administration and maintenance costs
- Leverages previous IT infrastructure investments
- Is simple to deploy and easy to administer, upgrade, and maintain
- Delivers easy integration productivity applications

The ADTRAN® VVX 500 performance business media phone unifies superior voice capabilities and applications into a simple-to-use, yet high performance unified communications (UC) solution. It is the ideal, all-in-one knowledge worker productivity tool, built to integrate seamlessly into a wide range of UC environments.

Simplicity and Ease of Use

The ADTRAN VVX 500 phone is built for today's busy managers and knowledge workers who need a powerful, yet intuitive, expandable office phone that keeps up with their multi-tasking and schedule-juggling. Building on the behavior common to mobile phones, the intuitive, multi-touch, gesture-based user interface of the VVX 500 phone makes navigation easy and requires no learning curve.

Maximize Productivity

Designed for a broad range of environments from small and medium businesses to large enterprises, the VVX 500 performance business media phone improves productivity, by complimenting the workplace applications on the user's computer. Users benefit from such capabilities as viewing and managing

their Exchange calendars and contacts on the phone and receive meeting reminders while still having access to their corporate directory—and all while waiting for their PCs to boot. Users can also extend their PC desktop to include the VVX 500 phone's screen, enabling simplified interactions and dialing using their PC's mouse and keyboard. Training and multipoint communication applications are complemented by the VVX 500 video playback capability for streaming content.

Best-in-Class Deployment and Administration

The VVX 500 phone is easy to deploy and simple to manage. Its enterprise-grade, Web-based, intuitive configuration method gives administrators the ability to easily provision and maintain a large number of phones throughout the entire enterprise. The built-in, broad interoperability capabilities allow IT departments to leverage previous IT infrastructure investments and achieve easy integration with third-party UC and productivity applications, expansion modules and accessories for applications such as video conferencing and even wireless networking.

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Product Specifications

User Interface Features

- Gesture-based, multitouch-capable, capacitive touchscreen
- 3.5-in TFT LCD display at QVGA (320x240 pixel) resolution, 4:3 aspect ratio
- Screensaver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support¹
- Dual USB ports (2.0 compliant) for media and storage applications
- WebKit-based Browser
- Adjustable base height
- Unicode UTF-8 character support. Multilingual user interface including Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, and Swedish

Audio Features

- Polycom HD Voice technology delivers life-like voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset
- Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
 - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response: 100 Hz – 20 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722, G.722.1, G.722.1C
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC 2833 and in-band)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Headset and Handset Compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY

Adapter equipment

- Support USB Headsets (see TB37477 for list of compatible headsets)

Call Handling Features¹

- 12 lines (registrations)
- Up to 24 simultaneous calls
- Shared call/bridged line appearance
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way audio conferencing
- One-touch speed dial, redial
- Remote missed call notification
- Do not disturb function
- Electronic hook switch capable
- Local configurable digit map/dial plan

Open Application Platform

- WebKit enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for thirdparty business and personal applications
- Bundled with Polycom Productivity Suite:
 - Corporate Directory Access using LDAP
 - Local Voice Call Recording on USB flash drive
 - Visual Conference Management

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Network and Provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
 - 10/100/1000Base-TX across LAN and PC ports
 - Conforms to IEEE802.3-2005 (Clause 40) for Physical Media Attachment
 - Conforms to IEEE802.3-2002 (Clause 28) for Link Partner Auto-Negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS4 server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported¹
- QoS Support: IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- VLAN: CDP, DHCP VLAN discovery, LLDPMED for VLAN discovery
- Network Address Translation (NAT) – support for static configuration and “Keep-Alive” SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Local configurable digit map/dial plan
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

Security

- 802.1X Authentication and EAPOL
- Media encryption via SRTP
- Transport Layer Security (TLS)³
- Encrypted configuration files³
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address³
- HTTPS secure provisioning³
- Support for signed software executables³

Power

- Built-in auto sensing IEEE 802.3 at Power over Ethernet (Class 4)
- Energy-saving smart motion detector enables the screen to go into power-save mode when no one is in the office.
- External Universal AC Adaptor (optional, 48V 380mA DC)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- China CCC
- ROHS compliant
- UAE TRA
- Russia GOST-R
- Brazil ANATEL
- Australia A & C Tick



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Safety

- UL 60950-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1-03
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1

Operating Conditions

- **Temperature:** (+32 to 104°F (0 to 40°C))
- **Relative Humidity:** 5% to 95%, noncondensing

Storage Temperature

- -40 to +160°F (-40 to +70°C)

ADTRAN VVX 500 Comes With:

- VVX 500 console
- Handset with handset cord
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size

- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Weight

- **Unit Weight:** 2.0 lbs (0.9 kg)

Unit Box Dimensions/Weight

- 12 x 9 x5 in
- 3.1 lbs (1.4 kg)

Master Carton Quantity

- Five

Country of Origin

- China

Warranty

- One year

1. Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/Softswitch vendor or service provider for a list of supported features.
2. To enjoy all the benefits of HD Voice when using the phone in the headset mode, you must use a wideband headset.
3. Requires UCS SW version 4.0.1 or higher.

Ordering Information

| Equipment | Part # |
|----------------|-----------|
| ADTRAN VVX 500 | 1202855G1 |



TL19.1270



ADTRAN is an ISO 9001, ISO 14001, and a TL 9000 certified supplier.

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