



# Algo 4900 USB Analog Terminal Adapter (ATA) for IP Softphone 2050

The Algo 4900 USB Analog Terminal Adapter (ATA) enables the use of standard analog devices including cordless telephones, TTY/TDD terminals, or fax machines<sup>1</sup> with Nortel's IP Softphone 2050, providing seamless analog integration within a Business Communications Manager (BCM) or Communication Server 1000 (CS 1000) secure enterprise-class IP environment.

The 4900 USB ATA also supports data applications including TTY/TDD terminals, modems, or low speed fax machines<sup>1</sup> using a G.711 codec communication link. An output from the 4900 USB ATA is compatible with Algo visual alerters to indicate ring and message waiting for additional notification capability, or to meet requirements for special needs. Loud ringing requirements, if necessary, can also be met using Algo's Duet Plus auxiliary loud ringer.

The Nortel IP Softphone 2050 offers an economical, compatible, and secure remote IP connection for BCM or CS 1000 servers. The 4900 USB ATA expands on these advantages by offering additional user choices based on mobility requirements, environment, or user preference

## Features:

- Plug and Play USB (using standard Windows drivers)
- Standard RJ11 telephone jack for easy connection of any analog telephone
- USB powered to minimize cords and connections
- Provides Caller ID for received calls
- Output provided for ring or message waiting alerting

<sup>1</sup> Fax functionality requires use of G.711 Codec. The 4900 USB ATA does not support T.38 fax relay. Fax performance may be affected by PC performance, network capability, and fax transmission speed settings. Algo does not recommend the USB ATA for frequent multi-page fax applications.



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The 4900 USB ATA provides ring voltage and caller ID for calls received by the IP Softphone 2050, and enables outbound calling from the telephone device using standard DTMF dialing. Power is provided by the host PC's USB port to minimize cords and connections and standard Windows® drivers are used for easy plug and play installation.

Softphone users may connect analog cordless or DECT telephones to their PC to receive or originate calls while away from the desk. This capability improves mobility, productivity, and convenience for users in corporate office environments, or for telecommuters working from home. The ability to connect even a standard wired telephone can be an advantage for situations where client access to the host PC is undesirable for security or environmental reasons.

## Benefits:

- Permits user choice of corded, specialized, or cordless telephones
- Enables use of specialized devices including TTY/TDD terminals
- Enables use of fax machines (see note 1 at bottom of page)
- Provides the option of a familiar telephone interface instead of PC screen.
- Enables the PC to be kept in a secure protected environment
- Minimizes missed calls or message delays by allowing remote high visibility notification of ring or message waiting

## Target Applications:

- Office workers or telecommuters requiring increased mobility
- Softphone users preferring an alternative to a headset
- Fax and TTY/TDD terminals
- Locations where PC access is not desirable for security or environmental concerns.
- Special needs

## Specifications:

- Power: USB 4.5-5.5Vdc 500mA Maximum
- Ring Voltage: Nominal 60 Vrms 20/25/50 Hz sinewave – 1 REN
- Talk Battery: 48 VDC
- CLID Format: Bellcore 30 (NA), SIN 242 (UK), ETS-300-659-1 (Europe)
- Regulatory: CSA/UL, FCC, CE
- Relay Output Function: Ring and Message Waiting (Switching 30v 50mA MAX)
- Dimensions: 2-5/8" (67mm) x 4-3/16" (106mm) x 1-1/8" (29mm)
- Weight (Packaged): 0.55lb (240g)
- Environmental: RoHS Compliant

## Compatibility:

- Requires Nortel IP Softphone 2050 v2.0 B254 or above
- Relay output compatible with Algo 1127 Desktop Alerter

## Company Information

Company Name:  
Algo Communication Products Ltd

URL: [www.algosolutions.com](http://www.algosolutions.com)

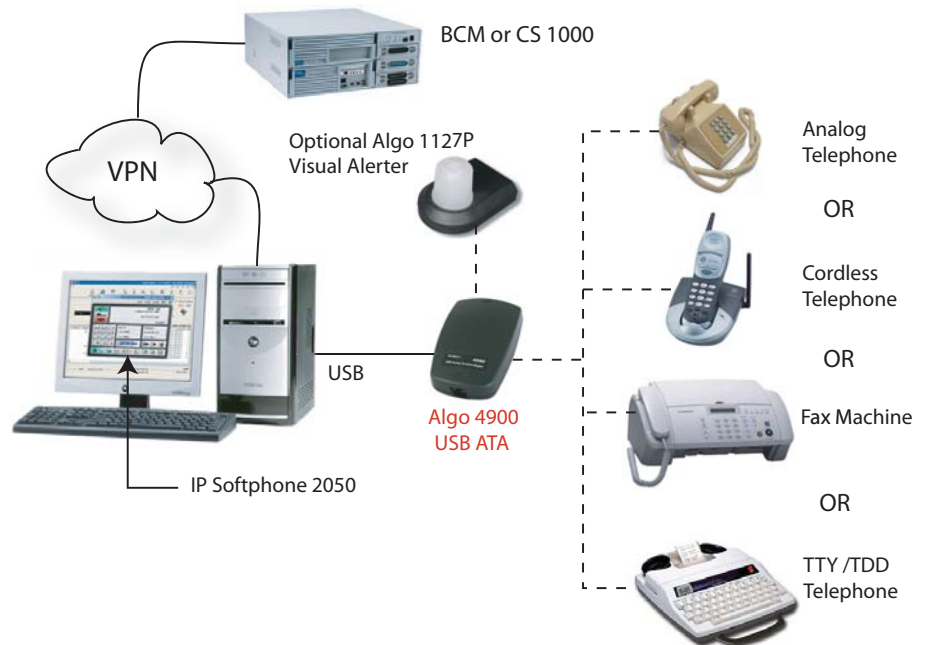
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For all inquiries on this product,  
please provide the following  
reference code: **USBATA**



### Compatibility Information:

USB Analog Terminal Adapter (ATA) was verified as compatible in a controlled laboratory environment. For complete compatibility details, including specific Nortel platforms and releases, please refer to the Certificates of Compatibility at:  
[www.nortel.com/prd/dpp/product/prodpages/z6264.html](http://www.nortel.com/prd/dpp/product/prodpages/z6264.html)

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