A Large Corporation Communications Network for the rest of us.

Featuring digital wireless technology for clear and secure voice & data communications

OFFICE

AirWay516

Features

Controller

- Supports up to five telephone lines (four for voice, fax or dial-up data; one dedicated Internet access)
- Three expansion slots for shared resources and future services
- Transmits and receives to and from peripherals (DataJacks, PhoneJacks, HandSets)
- Interoperates with existing inside wiring and existing wired telephones
- Dynamic bandwidth allocation for optimized voice and data traffic
- Allows multiple computers to share a single Internet connection
- Highspeed data port

HandSet

- Large screen LCD
- Four line call handling with built-in Caller ID (display, storage, recall)
- Advanced features include conference calling, call transfer, extension-to-extension calling
- Storage directory for often called names and numbers
- One-touch Last Number Redial
- Date, time and call duration display
- Intercom
- Auto line selection
- Call privacy and call waiting
- Programmable line dedication and primary line selection.

DataJack

- Plug 'N' Play Installation
- Serial connection (9-pin) to PC
- AC adapter or direct plug to standard 120v power outlet
- Microsoft Windows® 95, 98 NT Plug 'N' Play
- Provides shard Internet connection
- Supports printer and file sharing over wireless LAN
- Includes software drivers and setup wizard

PhoneJack

- Standard RJ-11 Connection (Connection pin that enters into telephones and telephone jacks)
- AC adapter or direct plug to standard 120v power outlet
- Provides wireless connectivity for fax machines, modems and existing phones to the network

What

The AirWay™ System is designed to solve the telecommunications needs for users with up to five telephone lines – four for voice and one line for shared Internet access. Using Advanced Digital Wireless Technology (spread spectrum) the AirWay System seamlessly integrates voice and data communications into one complete, secure network.

Why

The system is designed to free users from some of the hassles and expense of traditional communications products. The wireless network provides the flexibility to place communications equipment (PCs, fax machines, phones, etc.) anywhere, regardless of the location of existing wiring and traditional telephone jacks.

When - Now and Tomorrow

The system is completely upgradeable and portable. The entire system can be disconnected and moved to a new location, so your investment never gets left behind. New software and services may be downloaded via an Internet modem or provided on CD-ROM, protecting you from obsolescence. Currently the system can share a 56kb or 128kb Internet connection to all the PCs on the network. Going forward, standards-based interfaces for 802.11 wireless devices, xDSL devices and other highspeed Internet and PostPC devices are planned and can be easily installed by the consumer as add-on products.

AirWay™

AirWay516

How

1) The network Controller initiates wireless communications within the network, acting not only as a network server, but also a communications gateway with the Internet for data and the public telephone network for voice, fax and dial-up data traffic. Just plug it into a wall where all your phone lines terminate and your wireless network is ready to setup.

2) To connect a PC to the network, simply connect a DataJack to a PC. Then add additional DataJacks for every PC you want on the network. All DataJacks are Plug 'N' Play, so your network will recognize every PC on the network, as soon as you add it.

3) Add fax machines, modems, new telephones and other telephony devices to the network, wirelessly with AirWay System PhoneJacks. All you need is one PhoneJack for every telephony device you wish to add to the network.

4) Registering the PhoneJacks and DataJacks is as easy as inputting serial numbers into your Controller, through a PC or even a HandSet.

5) The HandSet is the ultimate in wireless phones and serves as an interface to the Controller. All special calling functions, including Caller ID, call transfer, conference calling, etc., are completed through the HandSet.

Installation

To install the voice portion of the AirWay System, all you need is a place in your home or office where all your phone lines connect on one telephone jack or within close proximity to each other. If your home or office is not wired this way, or you're unsure, simply call your local telephone company. If you are installing your AirWay System for data or both voice and data networking, we are completely Windows compatible, making it easy to get your network up and running. Likewise, if you choose to use a single modem that is shared by all your computers, you will need an external modem that is Windows compatible. The network shares 28.8K, 33.6K, 56K and even 128Kbps (ISDN) modems.

Specifications

General
Frequency range: 902-928 MHz
Effective range: 1500 feet
Number of devices allowed on network (Handsets, Data Jacks, and/or Phone Jacks): 16
Maximum number of phone lines: 5 (1 for Internet, 4 for voice, fax, dial-up data, etc.)
Total system data rate: 2 Mbps
Channels: 37
Ambient temperature range: 22° F to 122° F
Humidity: 20% to 90% (noncondensing)

Controller
Size: 8.5" x 4.75" x 2.25"
Weight: 14.7 oz.
Power Source: 7.2v DC via external AC Adapter, 9v alkaline battery backup

HandSet
Size: 6.75" x 2" x 1.25"
Weight: 6.6 oz.
Voice transmission rate: 64 Kbps
Power Source: rechargeable NiCad battery pack
Charging Cradle AC Adapter: +9v

Data Jack
Size: 4.5" x 2.75" x 1.25"
Weight: 9.5 oz.
Connectors: DB9 Female
Data rate: 960 Kbps
Power Source: 120v AC power line

Phone Jack
Size: 4.5" x 2.75" x 1.25"
Weight: 10 oz.
Connectors: One RJ-11
Voice transmission rate: 64 Kbps
Power Source: 120v AC power line

Rev3-6.12.00