

*DPH-C160S*

## DECT CORDLESS VOIP PHONE

### *FREEDOM*

make calls without being tied to your desk

### *BACKUP*

PSTN failover in case of loss of internet connection

### *CONFIGURATION*

an easy-to-use web based control panel for setup

### *JUST PLUG IT IN AND START TALKING*

The DPH-C160S is an DECT/VoIP Cordless dual-mode phone solution that makes adding a VoIP phone service to an existing standard phone service quick, easy and inexpensive. It also provides immediate access to low cost international and interstate VoIP calling and traditional phone service in a single device. With true plug & play simplicity, the DPH-C160S is a normal DECT cordless phone when you connect it to an ordinary phone line connection, and it is an VoIP phone when you connect it to the Internet through a broadband connection.

### *MAKE & RECEIVE REGULAR AND VoIP CALLS ALL ON THE SAME PHONE*

The DPH-C160S is a standalone device that does not require a computer to use. All you need is high-speed Internet access to make and receive calls<sup>1</sup>. Use it at home or the office<sup>2</sup>. This DPH-C160S uses Session Initiation Protocol (SIP) meaning that it is ready to be used with an Internet (VoIP) phone service plan. With features like echo cancellation, packet delay compensation, and lost packet recovery, you can expect the voice quality from the DPH-C160S to be similar to traditional phones calls.

### *CONVENIENT FEATURES*

The DPH-C160S includes a large LCD screen that displays call information such as call history, address book entries, and caller ID numbers. The DPH-C160S also supports several other convenient calling features including redial, mute, and hold. D-Link's Cordless DECT VoIP Phone combines the convenience of Cordless DECT technology with money-saving features of a VoIP Internet phone service.

### IDEAL FOR PC-BASED VOIP PHONE USERS

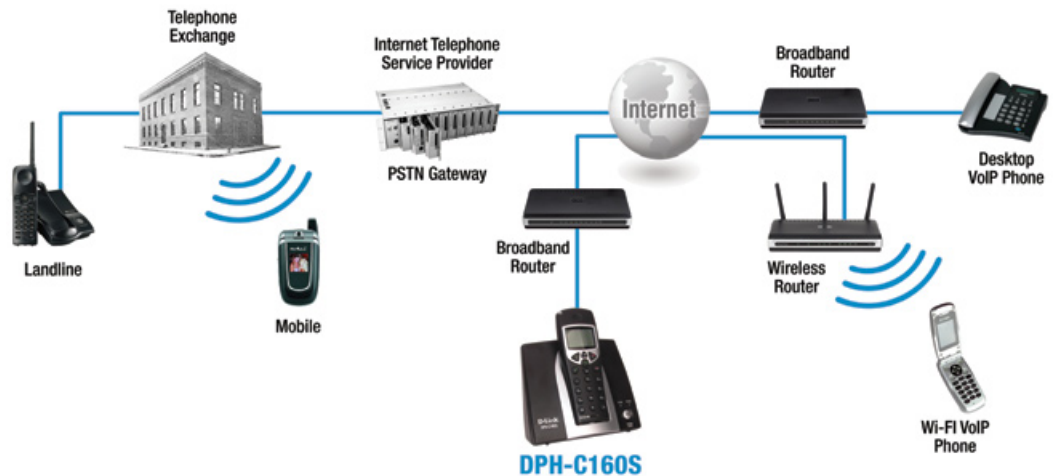
The DPH-C160S is an excellent solution for current Voice or other PC-based VoIP phone users who would appreciate not being tethered to a computer while trying to talk long-distance.

### HOT APPLICATIONS

- + Make/Receive VoIP and regular calls on the same phone
- + Echo cancellation for enhanced voice quality
- + Speed-dial from your phone
- + Call waiting between VoIP and regular phone line
- + Call forwarding
- + 3-Way conference calling between VoIP and regular phone line
- + Switch between VoIP and regular phone line
- + Auto detection and switching of incoming VoIP and regular calls
- + Handset locator
- + PSTN failover for loss of Internet connection
- + Speaker phone



## DPH-C160S



## TECHNICAL SPECIFICATIONS

### PORTS

- + One RJ-45, Auto MDI/MDI-X, 10/100Mbps
- + One RJ-11 FXO POTS

### NETWORK STANDARDS

- + IEEE 802.3 for 10 Mbps Ethernet
- + IEEE 802.3u for 100 Mbps Ethernet

### DATA RATE

- + 10/100 Mbps, Auto-Negotiation

### CORDLESS PHONE INTERFACE

- + DECT (Digital Enhanced Cordless Telecommunication)
- + GAP (Generic Access Profile)
- + Frequency: 1880-1900 MHz
- + 10 RF Channels
- + GFSK Modulation

### PHYSICAL ENVIRONMENT

- + Multiple handsets supported by one base unit
- + Cordless range from 50 (indoor) to 300 (outdoor) metres

### VOIP

- + SIP call control protocol
- + RFC-3261

### CODECS

- + G.711 (A-law and U-law)
- + G.726
- + G.729A
- + iLBC
- + G.168 Echo Cancellation

### DEVICE MANAGEMENT

- + Embedded Web Server
- + DHCP Client
- + RFC-2131
- + Configuration Restore/Backup
- + TELNET
- + TFTP Client for firmware upgrade and configuration file download
- + Performance Monitor

### SECURITY

- + Username/Password control for TELNET and WEB configuration
- + SIP Authentication with MD5 password encryption
- + VoIP NAT Traversal via SIP/STUN

### POWER SUPPLY

- + External AC Power Adapter - 9V AC, 1A

### CERTIFICATIONS

- + UL / CUL
- + FCC Class B
- + BSMI Class B
- + CE Class B

### OPERATING TEMPERATURE

- + 0° to 40°C

### STORAGE TEMPERATURE

- + -10° to 55°C

### OPERATING HUMIDITY

- + 5 to 95%, Non-condensing

### WARRANTY

- + 1-Year Limited Warranty available only in Australia and New Zealand

1 You must choose an Internet (VoIP) Phone Service Plan and sign up for service. VoIP phone plans, rates, and features may vary depending on VoIP Phone Service Provider. D-Link Australia Pty Ltd is not a Telephone Service Provider or VoIP Phone Service Provider.  
2 Making and receiving VoIP calls requires a high-speed Internet connection.

Note that an electrical power outage or a broadband provider outage will disrupt Internet access and prevent the user from making or receiving calls on the Cordless DECT VoIP Phone, including for emergency purposes (e.g. calling 000). 000/emergency number service using this phone is provided by the Internet Telephone Service Provider and operates differently from traditional 000/emergency number services. Please contact your service provider for 000/emergency number details.

Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.



Release 01 (Aug. 2006)