



## ***BROADBAND INTERNET IP PHONE***

### ***EASY TO USE INTERNET PHONE***

Web-based GUI for easy installation and configuration provide convenient Internet phone calling

### ***SUPERIOR SOUND QUALITY***

Special features such as Echo Cancellation, CNG, VAD, and Dynamic Jitter Buffer promote excellent sound quality performance

### ***COMPLETE FEATURE SET***

Extensive phone functions including call transfer, forward and hold, 3-way conference, phonebook, large LCD screen



### ***INTERNET PHONE IDEAL FOR HOME & OFFICE***

The DPH-400GE Broadband Internet IP Phone allows you to take advantage of your DSL/cable modem connection to make inexpensive Internet phone calls. It combines the industry's latest Voice over IP network (VoIP) technology with advanced communication features, and is compatible with industry-wide phone services. D-Link combines the qualities of a traditional desktop phone with all the advantages of VoIP technology to create a modern designed phone ideal for the home or office.

### ***SUPERIOR VOICE QUALITY***

The DPH-400 incorporates Quality of Service (QoS) to ensure that the voice received through the Internet is the same as – or even surpasses – that received on an ordinary phone. Functions such as Voice Activity Detection (VAD), Silence Suppression, Packet Loss Concealment (PLC), and other features enhance the quality of voice communication, providing quality in sound and performance.

### ***EXTENSIVE PHONE FEATURES***

Store up to 100 contact names and phone numbers with the built-in phonebook. Extended call log allows you to keep track of received, missed and dialed calls and caller ID lets you see incoming calls. Optional extended dial module (DPH-400SEDM) for speed dial available to both models.

### WHAT THIS PRODUCT DOES

Connect the DPH-400GE Broadband Internet IP Phone to your DSL/cable modem or router, and you can make phone calls anywhere in the world using the Internet. This IP phone gives you all the advantages of VoIP, while retaining the same look and feel of a traditional, advanced desktop telephone.

### CLEAR, SMOOTH VOICE OVER THE INTERNET

This IP phone allocates network resources while guaranteeing Quality of Service (QoS). Network bandwidth management delivers smooth and clear voice communication over the Internet, while increasing your productivity and efficiency by tailoring your Internet connection to time-sensitive VoIP applications.

### KEY FEATURES

- + Connects to the Internet through router or directly to DSL/cable modem
- + Easy to use setup/programming interface
- + Large LCD for phonebook and caller ID display
- + Sleek designed desktop speakerphone with full-feature keypad, phonebook, speed-dial, volume control, and ring tone selections
- + IP address assignment using PPPoE, DHCP, or static configuration

### TECHNICAL SPECIFICATIONS

#### NETWORK INTERFACE

- + DPH-400GE: 2 10/100/1000 BASE-TX Ethernet Ports (1 to PoE LAN switch with 802.3af compliance, 1 to PC)

#### NETWORK SUPPORT

- + PPPoE
- + Static IP
- + DHCP Server

#### VOICE CODEC

- + G.711a/u (64 kbps)
- + G.726
- + G.729A/B (8 kbps) (Optional)
- + G.723.1 (Optional)
- + BroadVoice16/32 (Optional)

#### KEYPAD FEATURES

- + Volume Control for Ringer, Handset and Speaker
- + Speakerphone
- + Mute
- + Headset
- + Redial
- + Hold
- + Call Transfer
- + Call Conference
- + Message Retrieval (MWI)
- + Phonebook
- + Soft Keys
- + Multiple Like Keys
- + EDM extend module for speed dial abbreviated code, programmable features

#### PHONE FEATURES

- + Caller ID display (Incoming call & CWI)
- + Call log: 30 Missed Calls, 30 Answered Calls, 30 Dialed Calls
- + Phonebook (up to 100 contact names and phone numbers)
- + Day/Time display
- + Call timer display
- + 10 Selective Ring tones
- + 10 Speed dial numbers
- + Incoming call indicator
- + User/Admin Password control for Configuration

#### LCD

Black/White

#### ADVANCED VOICE QUALITY FEATURES

- + Silence Suppression
- + Acoustic Echo Cancellation (G.167)
- + Voice Activation Detection (VAD)
- + Comfort Noise Generation
- + Dynamic Jitter Buffer
- + DTMF Transmitter (SIP info, Transparent, RTC 2833 relay)
- + Packet Loss Concealment (PLC)

#### QOS & SECURITY

- + IEEE 802.1Q & IEEE 802.1p Compliant
- + DiffServ (DSCP)
- + Full range VLAN ID Support
- + Class of Service Support by VLAN Tag

#### USER INTERFACE & NETWORK MANAGEMENT

- + LCD/Keypad UI in English version
- + HTTP (WEB) UI in English version
- + SNMP v2
- + FTP/TFTP (Trivial File Transfer Protocol) for firmware remote update
- + APS auto-provisioning for firmware and profile upgrade
- + Emergency upgrade if firmware corrupted

#### INPUT POWER

Through 100V to 240VAC extended power adapter

#### OUTPUT POWER

5V / 1000mA

#### OPERATING TEMPERATURE

0°C to 40°C

#### STORAGE TEMPERATURE

-20°C to 65°C

#### OPERATING HUMIDITY

10% to 90 %

#### STORAGE HUMIDITY

5% to 95%

#### CERTIFICATION

- + CE Class B
- + FCC Class B



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