



IP TELEPHONE



The DPH-80 IP Telephone for voice communication over the Internet or any IP network.

The DPH-80 IP Telephone combines state-of-the-art technology with low cost to give you quality voice communication on a single data/voice integrated network at a very affordable price. Supporting industry standard MGCP, H.323 and SIP protocols, this telephone can guarantee you interoperability with different IP telephony systems. Designed primarily for the small office and home users, the DPH-80 has the latest VoIP technology built into a handy telephone set, providing you with a ready-for-use, convenient IP telephony solution.

Its biggest benefit is the elimination of the high cost associated with the normal long distance and international phone calls. This phone gives the look and feel of a normal PSTN phone, but allows voice data to be carried by the same path used by your computer like Internet or Local Area Network. This IP telephone can be easily installed at your home or office on LAN connection.

- Simple Setup, Simple Operation - The DPH-80 is simply easy to use. A user-friendly web-based interface lets you quickly set up your IP number. After that, you plug the telephone to your modem or your company network, then dial your destination number (preceded by some digits provided to you by your Internet service provider) and talk. IP telephony hardware and software are all built into the DPH-80, so there is no need to hook it up to any equipment or run any software on your PC.

- Home or Office Use - The idea behind an IP telephone is the big savings from making long-distance and international phone calls on the Internet -- you pay hardly any extra charge for your calls using your existing Internet line. But with its incredible low cost, the DPH-80 is ideally suitable for home use. Through a built-in Fast Ethernet interface, this phone can be directly connect to your home's DSL or cable modem. PPPoE support means you can use the DPH-80 with dial-up broadband lines. This results with more savings for you, as you can hang up the line when it's not in use to save ISP charge. In an office, the DPH-80's Fast Ethernet port easily connects to your company network. In this application, the DPH-80 is linked to the Internet through a remote router.

- Quality Voice Communication - The DPH-80 incorporates QoS functions to ensure that voice received on the IP Telephone is almost the same as that received on the ordinary phone. To allow for a smooth voice reception, voice packets get a higher priority over data packets on the network packet stream. Other capabilities include echo cancellation, silence suppression/comfort noise generation (when there is a prolonged silence), voice activity detection, adaptive jitter buffer and lost voice packet recovery.

- Full Protocol Support - Three models supporting different IP telephony protocols are available for selection: MGCP, H.323 and SIP. This allows you to select the model that works with the protocol employed by your ISP or Call Center.

- Phone Set Functions - The DPH-80 provides the following convenient function buttons: Redial, Mute, and Hold. A speaker is built in for hands-free dialing. Ring volume can be adjusted through a slide switch.

FEATURES

- IP address assignment using DHCP or static configuration
- Silence suppression, voice activity detection (VAD), comfort noise generation (CNG)
- Adaptive jitter buffer
- Lost voice packet recovery
- DTMF tone generation
- Easy-to-use web-based setup
- Hands-free dialing
- 10/100Mbps Ethernet port connects to DSL/cable modem or Ethernet network
- Remote software update support save and reload information through the network configuration

TECHNICAL FEATURES:

- Call Control Protocol: H.323, SIP, MGCP
- Voice Compression: G.711 (A-Law / W-Law) G.723.1, G.729A/AB
- WAN Connection: through 10/100 Mbps Fast Ethernet Port.
- H.450 Call Transfer / Call on Hold (for H.323)
- Phone Set Functions: Redial, Mute, Hold, Transfer; Speaker for hands free dialing.
- Configuration Set-up: through keypad, web browser.
- Diagnostic LED's
- External AC Power Adapter, Power 5W Maximum.
- EMI: FCC class B, CE class B

ORDERING INFORMATION

IP Telephone

- DPH - 80M** MGCP protocol
1 10/100 Mbps Fast Ethernet Port
- DPH - 80H** H.323 protocol
1 10/100 Mbps Fast Ethernet Port
- DPH - 80S** SIP protocol
1 10/100 Mbps Fast Ethernet Port