

NetPhone

"Revolutionising the concept of telecommunications"

NetPhone KE1020A

This phone is a deluxe professional looking phone. It has a 10 base-T RJ-45 port for connecting with the Internet, allowing it to communicate with any phone on the regular telephone network (PSTN).

The Netphone-KE1020A is suitable for both an enterprise LAN and the regular Internet user. With no software to install, you simply plug it in to any Ethernet port that has Internet access (for example your DSL router). Our Powerline Networking products enable you to situate the KE 1020A anywhere there is a power socket.

System Characteristics

Program memory—1024KB Flash memory

8 one-touch speed dial buttons plus phonebook to store over 100 numbers.

Ethernet interface—Two RJ45 connectors compatible with IEEE 802.3

10 Base-T. Second RJ45 port allows the phone to act as a Hub - plug your PC into the phone.

12 function keys for operation and setting of Netphone-KE1020A

Status indicator—LED to indicate working status and LCD light

Hands free function—full duplex speakerphone,

Speaker and dial-tone volume can be digitally adjusted independently

AC/DC adapter—input 100~120V (USA, Japan etc.) or 220~240V

(China, Europe etc.) or 100~240V,47-63Hz

Support DHCP: Automatically obtain local IP, subnet mask, router IP

Support PPPoE

Voice active detection

16ms echo cancellation

Dynamic buffer management—minimize effect to voice quality caused by audio delay jitter



Technical Specifications

IEEE 802.3 10 Base-T

G.711A, G.711 μ , G.723.1 5.3K/6.3 Kbps and

G.729 audio codec H.323

Abbreviation dial plan

TCP/IP: Internet Transport and Control Protocol

RTP: Real-time Transport Protocol

RTCP: Real-time Control Protocol

G.723.1 G.729 VAD/CNG economical bandwidth

G.165 16ms Echo cancel

DTMF: DTMF Tone Generation and Detection

DHCP: Dynamic Host Configuration Protocol

DNS: Domain Name Server

NTS: Network Time service

HTTP: Hyper Text Transfer protocol

FTP File Transfer Protocol

Built in H323 proxy support

Electrical Specifications

Voltage: 12V DC, 500mA

Power adapter: AD/DC input 100~120V (USA, Japan etc.)

220~240V (China, Europe etc.) or 100~240V,47-63Hz

Network interface: IEEE 802.3 10 Base-T

EMC: FCC Part15 CLSS B

Operating Environment

Operating temperature: 0 to 50° C (32° to 122° F)

Storage temperature: -30° to 65° C (-22° to 149° F)

Humidity: 10% to 90% no dew

Recommended Internet / Network Conditions

Delay: Less than 400ms

Jitter: Less than 100ms

Packet loss: Less than 10%

Bandwidth: More than 33Kbps

Dimensions

180 x 160 x 92 mm (L x W x H)

Local Distributor



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