PLANTRONICS
IP40 ™

IP-BASED AUDIO PROCESSOR

Reliable, 'Always On' Call Center Solution — a simple yet robust audio solution for VoIP contact centers

Plantronics presents groundbreaking, simplified IP technology that achieves outstanding voice quality and reduces desktop cost. Our new IP40 IP-based audio processor plugs directly into the Ethernet, so agents do not need an IP desk phone or softphone to place and receive calls. Unlike a soft phone the IP40 guarantees audio quality because the voice path is independent of the PC.

The IP40 simplifies contact center desktops and lowers costs by eliminating the need for desk sets or expensive PC upgrades. Compatible with Plantronics professional grade headsets, the IP40 features plug-and-play installation and key control buttons right on the device. All you need and nothing you don't!

- **Cost savings.** Eliminates superfluous equipment such as IP phones or the need for expensive PC upgrades to support softphones.

- **Reliable audio.** Allows Plantronics headsets to be directly connected to the Ethernet and provide an 'always on' media path for contact center agents.

- **Less desktop clutter.** Boosts agent efficiency with fewer desktop distractions and a smaller footprint than an IP phone.

- **Beyond soft phones.** Addresses the inconsistent performance of PC soft phone technology.

- **Effortless call controls.** Works with the leading contact center applications and provides frequently used call controls, such as answer/end, hold and mute, right on the IP40 device.
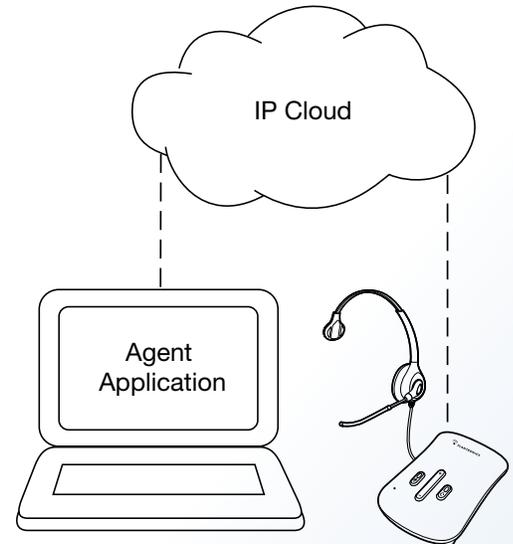
All software is stored in flash memory.

IP Cloud

Agent
Application

Features	
Call Features	Answer (auto answer or manual answer option)
	Mute (button)
	Hold (invoked on disconnect of headset)
	Message waiting indication (flashing LED when message waiting)
	Outbound call (to preconfigured number)
	Hang up (if allowed configurable option)
Audio Specifications	G 711 u-law, A-law
	G 729
	iLBC 30ms
	Silence suppression
	Send 20ms samples
	Echo cancellation
External Interfaces	Headset interface (RJ22 connector)
	Ethernet interfaces (2)
	Ethernet interface speed (10/100)

	DC power:
	  Connector (DC barrel connector)
	  Power over Ethernet (802.3af – PoE class 1)

	Answer key with integrated LED (green, red, amber)
	Mute key with integrated LED (red)
	Vol-up/Vol-down keys
Headset Support	All Plantronics H tops
Supported Protocols	IPv4, ICMP, DHCP, SNTP
SIP	SIP RFC3261
	SIP digest authentication RFC2617
	SIP usage of DNS-SRV and NAPTR lookups RFC 3263 SIP hold RFC 3264
	SIP refer method RFC 3515
	SIP refer event package RFC3265 – as transferee or transfer target (including Broadsoft 'Talk' event)
	SDP RFC4566
	SIP replaces header RFC3891
	RTP, RTCP – RFC3550, RFC3551
	MWI (SIP 'Notify' with LED indication)
Administration	Remote firmware update via file push or pull
	Remote configuration via file push or pull
	Web configuration option (can be switched on or off)
	VLAN

For more information about the IP40 or other Plantronics products, please visit our Web site at www.plantronics.com

Sold by:

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