



AudioCodes One Voice for Microsoft Lync



AudioCodes 400HD Series Lync-Compatible IP Phones

The AudioCodes 400HD series of Lync-compatible IP phones offers enhanced voice quality and clarity for users of Microsoft Unified Communications. The phones' wide range of essential business features, reliability and certified interoperability make them the perfect choice for any Lync deployment, from small businesses up to large multi-site enterprises.

AudioCodes is a leading Microsoft partner with a complete offering of voice-enabling solutions for the Microsoft Lync Unified Communications (UC) market. In addition to IP phones, AudioCodes' portfolio for Lync includes media gateways, survivable branch appliances, enterprise session border controllers and call recording.



420HD is a cost-effective, feature-rich enterprise IP Phone. Its flexibility and robust design make it extremely suitable for demanding enterprise and contact center deployments.

- Graphic multi-lingual LCD display (128 X 48)
- 4 programmable soft keys



430HD is an advanced, mid-range enterprise IP Phone. Built for ease-of-use and convenience, the 430HD boasts a large LCD display and 12 programmable speed dial keys.

- Graphic multi-lingual LCD display (132 X 64)
- 6 multi-function keys
- 12 programmable speed dial keys with presence monitoring
- 4 programmable soft keys
- Optional GbE Support



440HD is a high-end, executive IP phone. The 440HD includes a dedicated LCD screen displaying Lync contacts and their presence.

- Graphic multi-lingual LCD display (132 X 64)
- 6 multi-function keys
- 12 programmable speed dial keys with presence monitoring
- Lync contacts with presence displayed on dedicated LCD screen
- 4 programmable soft keys
- GbE Support

HD VoIP with full support for Microsoft's RTA codec

Benefit from full integration with Microsoft Unified Communications

Lync presence indication

USB Headset support

Provisioning via Lync

Enhanced "Better Together" support over Ethernet*

Simple, secure sign-in

Lync contacts displayed on LCD screen (440HD model)

Optional tablet expansion for attendant console*

Powerful Set of Essential Enterprise Phone Features

- High-definition voice quality
- Multiple language support
- Full SIP protocol support with extensive interoperability
- Voice quality monitoring
- Supplementary calling features (including Lync conferencing)
- Robust security mechanisms
- Power over Ethernet (PoE)
- Full duplex speakerphone and headset connectivity
- Available in black and white

* 2013 roadmap feature



Specifications for the 400HD Series

Telephony Features				
Supplementary Features	Call Waiting, Call Hold, Call Transfer, Call Forward, support for Lync conferencing services, Hot Line, DND, Mute, Speed Dial, Dial Plan, CWRR, Call Logs, Auto Answer, Music on hold ³			
Signaling	Caller ID, MWI, DTMF Relay - RFC2833, DTMF via SIP INFO, Configurable Call Progress Tones			
Media Processing				
Wideband Voice Coders	Microsoft Real Time Audio (RTA)			
Narrowband Voice Coders	G.711µ/a and RTA			
Additional Media Features	Acoustic echo cancellation (AEC) - multiple path, wideband acoustic EC, Packet Loss Concealment, Silence Suppression, Voice Activation Detection, Adaptive Jitter Buffer, Media Bypass			
Protocol Support				
VoIP and Signaling	SIP – RFC 3261, SDP – RFC 2327, SIP over TCP/UDP/TLS, DNS_SRV (Redundancy), Digest authentication, PRACK, Early Media, SIP Subscribe notify, BLF (busy lamp field), Presence, MWI (message waiting indication), Call Admission Control, E911			
Data Protocols	IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, RTCP-XR, 802.1x, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN Configuration, LDAP, NAT and Firewall Traversal with STUN / TURN / ICE			
Security	802.1x, HTTPS, SIP over TLS and SRTP, Configuration file encryption, PC port disable option			
Provisioning & Management	Web Server for Configuration and Management, Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66,67,160,12,60,77), Mass Deployment Provisioning with TR-069 and TR-104 (client), Provision URL via SIP SUBSCRIBE and NOTIFY, Lync device in-band provisioning			
General Specifications				
Language support	English (default), Spanish, Italian, Portuguese, German, Russian, Ukrainian, Polish, French, Hebrew, Finnish			
Telephony Interface	RJ-9 Headset Jack X 1, USB port for headset ¹ , DHSG ¹			
Network Interface	2 LAN RJ-45 10/100/1000 Base-T for PC and LAN connectivity ²			
Power Requirements	+12V DC, 1A Power adapter AC 100V-240V and/or Integrated Power over Ethernet - IEEE 802.3af (see price list for ordering options)			
Storage/Operation Temperature	-20° to +70°C/0° to +40°C			
Approvals, Safety and Country Certifications	FCC Part 15 Class B, ICES-003 Class B, EN55022 Class B, EN61000-3-2, EN61000-3-3, UL-60950-1, EN60950-1, IEC-60950-1 (CB), CE mark, cTUVus, Australia A-Tick, AS/NZS60950-1 and AS/ASIF S004, Brazil Anatel, Japan VCCI Class B			
Physical Specifications		420HD	430HD	440HD
Dimensions (HxWxD mm)		165X188X163	249X189X59	249X189X59

¹ 430HD and 440HD models.

² GbE support is optional on the 430HD and supported by default on the 440HD.

³ 2013 roadmap



International Headquarters
 1 Hayarden Street,
 Airport City
 Lod 70151, Israel
 Tel: +972-3-976-4000
 Fax: +972-3-976-4040

AudioCodes Inc.
 27 World's Fair Drive,
 Somerset, NJ 08873
 Tel: +1-732-469-0880
 Fax: +1-732-496-2298

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