AudioCodes One Voice for Skype for Business

Skype for Business

Lync-Compatible IP Phones

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 Skype for Business 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 unified communications (UC) market. In addition to IP phones, AudioCodes' portfolio for Skype for Business includes media gateways, survivable branch appliances, enterprise session border controllers and call recording.

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

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.

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

- Graphic multi-lingual LCD (132 X 64)
- 6 multi-function keys
- 12 programmable speed dial keys with presence monitoring
- Skype for Business contacts with presence displayed on dedicated LCD (376 X 60)
- 4 programmable soft keys
- GbE Support

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

- Graphic multi-lingual LCD (128 X 48)
- 4 programmable soft keys
- Optional GbE Support

Benefit from full integration with Microsoft Unified Communications

| BLF for co-workers presence (430/440HD models) | Enhanced "Better Together" support over Ethernet | Simple, secure sign-in | Skype for Business contacts displayed on LCD screen (440HD model) |

| HD VoIP | USB Headset support (430/440HD models) | Provisioning and management (EMS) support | Boss Admin support (430/440HD models) | One Voice Resiliency support |

AudioCodes

Powerful Set of Essential Enterprise Phone Features

- High-definition voice quality
- Multiple language support
- Mass management capabilities with AudioCodes EMS
- Better Together over Ethernet for easy sign in, click to call and Skype for Business conferencing manageability
- Boss Admin support with 430HD and 440HD
- With Busy on Busy the 400HD Microsoft compatible phone will reject an incoming call while the user is engaged on another call
- Direct access to the Skype for Business contact list
- Voice quality monitoring
- Supplementary calling features (including Skype for Business conferencing)
- Robust security mechanisms
- Power over Ethernet (PoE)
- Full duplex speakerphone and headset connectivity
- Available in black and white

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Specifications for the 400HD Series

Telephone 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, Busy on Busy, Call Pickup, Call Park, T9 Directory Search
Signaling	Caller ID, MWI, DTMF Relay - RFC2833, DTMF via SIP INFO, Configurable Call Progress Tones

Media Processing

Wideband Voice Coders	G.722
Narrowband Voice Coders	G.711µ/a
Additional Media Features	Acoustic echo cancelation (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	AudioCodes IP Phones management support (EMS), Web Server for Configuration and Management, Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66,67,160,12,60,77), Provision URL via SIP SUBSCRIBE and NOTIFY, Lync device in-band provisioning

General Specifications

Language support	English, Spanish, Russian, German, Ukrainian, French, Italian, Hebrew, Polish, Portuguese (displayed only if included in your Feature Key), Koreanm, Finnish, Simplified Chinese, Traditional Chinese, Hungarian, Japanese, Slovak, Czech
Telephone 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 (-4 to +158°F / 32 to +104°F)
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[3]

	420HD	430HD	440HD
Unit Dimension (HxWxD)	188 x 157 x 163 mm (7.40 x 6.18 x 6.41 in.)	250 x 168 x 163 mm (9.84 x 6.61 x 6.42 in.)	250 x 168 x 163 mm (9.84 x 6.61 x 6.42 in.)
Unit Weight	0.82Kg (1.81 lb)	1.00Kg (2.20 lb)	1.05Kg (2.31 lb)
Unit Box Dimension (HxWxD)	262 x 236 x 95 mm (7.40 x 6.18 x 6.41 in.)	316 x 255 x 95 mm (9.84 x 6.61 x 6.42 in.)	316 x 255 x 95 mm (9.84 x 6.61 x 6.42 in.)
Unit Box Weight	1.2Kg (2.65 lb)	1.44Kg (3.17 lb)	1.49Kg (3.28 lb)
Master Carton Dimension (HxWxD)	540 x 495 x 260 mm (7.40 x 6.18 x 6.41 in.)	530 x 495 x 340 mm (20.87 x 19.49 x 13.39 in.)	530 x 495 x 340 mm (20.87 x 19.49 x 13.39 in.)
Master Carton Weight	13.1Kg (28.88 lb)	15.73Kg (33.73 lb)	15.8Kg (34.83 lb)

[1] 430HD and 440HD models.

[2] GbE support is optional on the 420/430HD and supported by default on the 440HD.

[3] The weights do not include an external Power Supply

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