



AUDIOCODES FLEXIBLE SUBSCRIPTION PROGRAM “FLEX”

AudioCodes **Flex** is a subscription-based program aimed at providing you with state-of-the-art solutions while protecting your investment for years to come. By offering flexible options that fit the way our customers do business, Flex enables early adoption of the latest technologies while minimizing the risk of ownership.

Pay monthly & upgrade on-demand

Starting
\$3
Per month

36 months subscription, includes:

- Entitlement to modify subscription (increase/reduce number of devices, or terminate) once every 12 months
- Onboarding assistance
- 24/7 support and advanced hardware replacement

After 12/24 months

Upgrade to a new model?

Once every 12 months, swap your phones for a new model, and renew 36 months program. New price determined by selected model.

Extend by additional 12 months?

Pay 60% of monthly fee, and remain entitled to 24/7 support and advanced hardware replacement. Commitment for 12 months.

Stop the program after 12/24 months?

At each anniversary, exit the program by paying 20% of MSRP (non discountable) and return device

Renew? Different model?

Returning customers receive a 10% discount on new subscription plan for any AudioCodes model (requires subscription continuity)

C450HD IP Phone



The C450HD IP phone is an high-end, native Microsoft Teams executive IP phone with a large, color 5" touch screen, integrated **bluetooth and **Wi-fi, and optional connectivity to color touch screen expansion modules.

- Switch between SfB client and native Teams in just a few clicks
- Full duplex speakerphone and headset connectivity
- Graphical 5" color touch screen (1280 X 720)
- Multi-lingual support
- Dual GbE support
- PoE or external power supply
- 2xUSB headset support
- Integrated **Bluetooth and **Wi-fi
- Expansion module support



C448HD IP Phone



The C448HD IP phone is a Microsoft Teams-native entry level common area phone with a large, color 5" touch screen. Recommended for hot-desking environments..

- Full duplex speakerphone and headset connectivity
- Graphical 5" color touch screen (1280 X 720)
- Multi-lingual support
- Dual GbE support
- PoE or external power supply
- 1xUSB headset support



450HD IP Phone



The 450HD IP phone is an executive high-end business IP phone with a large, color 5" main touch screen and optional connectivity to color touch screen expansion modules.

- Large 5" color TFT main screen (800 X 480)
- Multi-lingual support
- Touch oriented user interface allowing up to 8 programmable soft keys
- Expansion module (optional) with 5" color TFT screen (480 X 854)
- Full duplex speakerphone and headset connectivity
- Integrated Bluetooth for wireless headset connectivity
- 8 lines
- Dual GbE support
- USB headset support
- PoE or external power supply



445HD IP Phone



The 445HD IP phone is an advanced, high-end business IP phone with a large, color 4.3" main display, integrated **Bluetooth and **Wi-fi support, and a dedicated LCD displaying contacts and their presence (integrated sidecar).

- 4.3" high resolution, color screen (480x272)
- Full duplex speakerphone and headset connectivity
- 6 multi-function keys
- 4 soft keys
- Dedicated LCD (370 X 60) for 12 contacts display with (BLF)
- Dual GbE support
- USB headset support
- PoE or external power supply



440HD & 430HD IP Phones



The 440HD/430HD IP phones are, mid-range business IP phones. Built for ease-of-use and convenience, the 430HD boasts a large LCD and 12 programmable speed dial keys. The 440HD includes a dedicated LCD displaying contacts and their presence (integrated sidecar).

- Full duplex speakerphone and headset connectivity
- 6 lines
- Graphical multi-lingual LCD (256 X 128)
- 6 multi-function keys
- 4 soft keys
- 12 programmable speed dial keys with presence monitoring (BLF)
- Dedicated LCD (370 X 60) for contacts display (440HD only)
- Dual GbE support
- USB headset support
- PoE or external power supply



405HD & 405 IP Phones



The 405HD and 405 IP phones are a cost-effective, entry-level IP phones designed to offer the essential everyday features that the modern business environment demands.

- Full duplex speakerphone and headset connectivity
- 2 lines
- Graphical, backlit multi-lingual LCD (132 X 64)
- 4 programmable soft keys
- PoE or external power supply
- Dual GbE support (supported only on the 405HD)
- USB headset support (supported only on the 405HD)



RX50 Conference Phone



The AudioCodes RX50 conference phone, developed in partnership with Dolby®, delivers a superior meeting room experience with outstanding audio quality in rooms of any shape or size. Packaged in a sleek, modern design, the RX50 is impressively easy to use and manage.

- Full-room pickup range of 6 meters/20 feet
- Dynamic leveling filters out distractions and balances loud and quiet or distant voices
- Clear, 4.3 inch touch screen with intuitive user interface
- Modern, sleek hardware design
- Optional satellite microphone kit
- Fully integrated with Device Manager for centralized management and monitoring



Technical Specifications for the 400HD Series

Telephony Features	
Supplementary Features	Call waiting, call hold, call transfer, call forward, 3-way conference (local mix) and network conferencing, hot line, DND, mute, speed dial, dial plan, CWR, call logs, auto answer via TALK event, call pickup, multiple Boss Admin, shared line appearance, call park
Signaling	Caller ID, MWI, DTMF relay – RFC2833, DTMF via SIP INFO, configurable call progress tones
VoIP Applications	
Unified communications, IP contact centers, open-source IP-PBX, hosted IP-PBX and IP centrex	
Enhanced VoIP Processing Capabilities	
Packet loss concealment, high quality wideband, wideband acoustic echo canceler, low-delay adaptive jitter buffers	
Media Processing	
Wideband Voice Coders	G.722, OPUS ² , SILK ²
Narrowband Voice Coders	G.711µ/a, G.729A/B, OPUS ² , SILK ²
Additional Media Features	Acoustic echo cancelation (AEC) - multiple path, wideband acoustic EC, packet loss concealment, silence suppression, voice activation detection, adaptive jitter buffer
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)
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
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 global redirection server, provision URL via SIP SUBSCRIBE and NOTIFY, RFC6035 SIP publish for QoE reporting
General Specifications	
Language Support	English (default), Spanish, Italian, Portuguese (with feature key), German, Russian, Ukrainian, French, Polish, Hebrew, Finnish, Korean, Simplified and Traditional Chinese, Turkish, Japanese (Kanji, Hiragana, and Katakana input modes), Hungarian, Slovak, Czech
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
Power Requirements	+12V DC, 1A power adapter (C448HD, 450HD, C450HD, HRS: +12V DC, 2A) 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)
Homologations & Approvals	FCC Part 15 Class B, ICES-003 Class B, EN55032 Class B, EN61000-3-2, EN61000-3-3, UL-60950-1, EN60950-1, IEC-60950-1 (CB), CE mark, cTUVus
	RCM, KC, Anatel, CCC, ICASA, EAC, IC, ACTA, VCCI, BSMI

The homologation list can change from model to model, please contact AudioCodes for up to date model specific information.

Physical Specifications

	C450HD/C448HD/450HD	445HD	440HD/430HD	420HD	405HD/405 ⁴
Unit Dimension (WxDxH)	234 x 190 x 170/195 mm ³ (9.21 x 7.48 x 6.69/7.67 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.)	188 x 157 x 163 mm (7.40 x 6.18 x 6.41 in.)	191 x 180 x 153 mm (7.52 x 7.09 x 6.02 in.)
Unit Weight	1.284Kg (2.83 lb)	1.05Kg (2.31 lb)	1.05Kg (2.31 lb)	0.82Kg (1.81 lb)	0.68Kg (1.5 lb)
Unit Box Dimension (WxDxH)	275 x 245 x 110 mm (10.82 x 9.64 x 4.33 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.)	262 x 236 x 95 mm (7.40 x 6.18 x 6.41 in.)	210 x 200 x 100 mm (8.27 x 7.87 x 3.94 in.)
Unit Box Weight	1.722kg (3.79 lb)	1.49Kg (3.28 lb)	1.49Kg (3.28 lb)	1.2Kg (2.65 lb)	0.9Kg (1.98 lb)
Master Carton Dimension (WxDxH)	579 x 467 x 293 mm (22.79 x 18.38 x 11.53 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.)	540 x 495 x 260 mm (7.40 x 6.18 x 6.41 in.)	495 x 395 x 237 mm (19.49 x 15.55 x 9.33 in.)
Master Carton Weight	16.07 Kg (35.42 lb)	16.07 Kg (35.42 lb)	15.8Kg (34.83 lb)	13.1Kg (28.88 lb)	10.1kg (22.27 lb)

¹ USB port not supported on 405, 420HD | DHSG not supported on 405/405HD and 420HD

² OPUS and SILK supported on 405HD, 420HD 430HD, 440HD, 450HD and HRS

³ C448HD, 450HD and C450HD supports two desktop positions: Low position: 170mm | High position: 195mm

⁴ GbE and USB are available on 405HD (not supported on 405)



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Ref # LTRM-20096 01/20

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