UC-P110-S

Crestron® Flex VoIP Desk Phone w/Tilt Screen for Skype® for Business Software

The UC-P110-S features HD audio quality for making phone calls, or hosting conference calls or online meetings. The UC-P110-S is secure, easy to deploy, and easy to manage.

See also the Crestron Flex UC-P100-S for a lower cost alternative with fixed-position touch screen, and the Crestron Flex UC-P110-T for a model to use with Microsoft Teams® applications.

Visit https://www.crestron.com/flex for an overview of all available Crestron Flex UC solutions.

Native Skype® for Business Software Experience

The UC-P110-S desk phone provides a native Skype for Business and Office 365 UC software experience, with simple operation and one-touch meeting joins through a feature-rich touch screen. Onboard calendaring, corporate directory access, and hot desking are provided. The UC-P110-S works with a Skype for Business account and connects to an enterprise or SMB network implementing a cloud based Skype for Business deployment.

- Native Skype® for Business touch screen UX with simple operation and one-touch meeting joins
- Onscreen calendaring and meeting management
- Wideband HD voice quality
- Connects and communicates securely over any enterprise or SMB network
- Full-duplex hands-free speakerphone with AEC
- Hearing aid compatible handset
- Wired headset support
- Tiltable 7 in. (178 mm) color touch screen and physical keypad and function buttons
- Hot desking capability for shared workstations
- Active Directory® authentication and corporate directory access
- Microsoft® Exchange and Office 365® software integration
- Enterprise-grade security
- Dual-port Gigabit Ethernet connectivity
- PoE network powered
- Complete kit contains the UC-PHONE-S-PLUS VoIP desk phone, handset, and cables

> **NOTE:** When ready to migrate to the Microsoft Teams platform, Crestron Flex desk phones can be upgraded easily with a simple firmware update.

Superb Sound Quality

Crestron VoIP desk phones facilitate conversations with highly intelligible voice clarity, whether speaking privately on the handset or headset[1], or conferencing using the hands-free speakerphone function. High-performance AEC technology achieves transparent full-duplex performance free of distracting echo or noise. Wideband audio codec support allows for full-spectrum, bidirectional voice communication. The handset is hearing aid compatible to ensure an optimal experience for individuals with hearing impairment.

Tiltable Color Touch Screen

The extra-large, full-color touch screen makes the desk phone easy to use. It can be freely tilted to achieve a perfect viewing angle. The physical keypad provides the essential controls for dialing out, managing a call in progress, muting or adjusting volume, and switching to hands-free or headset mode.[1]

The intuitive touch screen UI employs a look and layout similar to Skype for Business and Office 365 software, so users can move effortlessly between using a phone and personal computer at their desk and other Skype for Business based Crestron UC conferencing solutions in a meeting room.

The Crestron Flex UC-P110-S desk phone provides a premium voice-over-IP telephone solution for use with the Skype for Business intelligent communications platform. It offers wideband HD voice quality and full-duplex hands-free speakerphone capability in an elegant desktop design. It features an easy-to-use keypad and spacious color touch screen display, hearing aid compatible handset, and wired headset support.[1] Each phone can be synced with a Skype for Business account, with contacts, schedules, voicemails, and other preference settings appearing on the phone's touch screen.

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Hot Desking

For organizations employing shared workstations or offices, workers can log in at any phone using their personal Skype for Business account. Once signed in, the individual's presence status, contacts, voicemail, and meeting schedule immediately sync with their account for a seamless user experience.

Network Management and Security

The Crestron VoIP desk phone is an enterprise-grade appliance, engineered in partnership with Microsoft to integrate seamlessly into any Skype for Business deployment. It is ideally equipped for mass deployment throughout any-sized corporate, university, medical, military, or governmental facility.

Advanced security features ensure privacy, reliability, and compliance with the organization's IT policies. PoE compatibility enables the desk phone to be powered through its LAN connection.

Specifications

Included Components

UC-PHONE-S-PLUS	VoIP desk phone with tilt screen for Skype for Business software

Communications & Audio

Ethernet	1000 Mbps, IPv4/IPv6, static/DHCP/PPPoE IP assignment, LLDP-MED VLAN assignment, proxy mode, TCP/IP, UDP/IP, DNS-SRV (RFC 3263), SNTP, TLS, SRTP, 802.1p/Q VLAN tagging, Layer 3 ToS DSCP, EWS authentication, HTTPS certificate manager, IEEE 802.1X, Active Directory, digest access authentication using MD5/MD5-sess, password login, HTTPS web server, dual-port Gigabit Ethernet switch, IEEE 802.3at Type 1 PoE compliant
VoIP	Skype for Business client; compatible with Office 365 cloud service or on-premises Skype for Business Server 2015 (or above); supports Enterprise Voice, Phone System, O365 modern authentication (limited), directory lookup, PSTN calling, E911, common area phone, calendar, hot desking; DTMF tone generation (RFC 2833 out-of-band, in-band), acoustic echo cancellation, automatic gain control, voice activity detection, comfort noise generator, low-delay audio packet transmission, adaptive jitter buffers, packet loss concealment
Codec Support	G.711(A/μ), G.722, G.723.1, G.726, G.729A/B, Ilbc, SILK
Handset	HD wideband handset, hearing aid compatible (HAC)
Speakerphone	HD wideband speaker and microphone, hands-free full-duplex

Touch Screen

Tilt Adjustment Angle	2° to 50° back from vertical
Display Type	TFT active matrix color LCD
Size	7 in. (178 mm) diagonal
Aspect Ratio	16:9 WSVGA
Resolution	1024 x 600 pixel
Touch Screen	Capacitive, 5-point multi-touch capable
Language Support	English (United States), Chinese Simplified, Chinese Traditional, French (EU), German, Italian, Polish, Portuguese (EU), Spanish (EU), Turkish, Russian

Buttons & Indicators

Power	(1) Red LED (above touch screen), illuminates to indicate phone is powered on, flashes fast to indicate an incoming call, flashes slow to indicate a message waiting
Keypad	(12) ITU E 1.161 standard keypad buttons
Functions	(9) Buttons for Hold, Transfer, Message, Volume -/+, Headset*, Mute*, Redial, Speakerphone*; *Buttons are LED backlit to indicate active status
Hook Switch	(1) Handset hook switch

Connectors

PC	(1) 8-pin RJ45 connector, female; 1000Base-T Ethernet port; Switched LAN port for optional computer connection
Internet	(1) 8-pin RJ45 connector, female; 1000Base-T Ethernet port & PoE PD port; For connection to LAN with PoE PSE; 6.5 ft (2 m) CAT5e FTP Ethernet cable included
DC5V	(1) DC power connector; 5 VDC power input (not used)
Headset	(1) RJ9 4P4C connector, female; For optional headset (not included)
Handset	(1) RJ9 4P4C connector, female; For handset (included)

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USB	(2) USB Type A connectors, female (behind touch screen); USB 2.0 host ports (not used)

Power

Power over Ethernet	IEEE 802.3at Type 1 (802.3af compatible), Class 3 (12.95 W) PoE Powered Device
Power Consumption	2.3 to 6.0 W

Environmental

Temperature	14° to 104° F (-10° to 40° C)
Humidity	10% to 95% RH (non-condensing)

Construction

Housing	Plastic, 48° tilt-adjustable touch screen
Mounting	Freestanding desktop, fixed-angle tilt stand included

Dimensions

Height	6.46 in. (165 mm) with screen at 2° tilt; 8.29 in. (211 mm) with screen at 50° tilt
Width	10.22 in. (260 mm)
Depth	7.73 in. (197 mm) with screen at 2° tilt; 6.92 in. (176 mm) with screen at 50° tilt

Weight

2.85 lb (1.30 kg)

Compliance

TUV Listed for US & Canada, CE, IC, FCC Part 15 Class B, Australia RCM, China RoHS 20 year

Model
UC-P110-S

Included Accessories
Ethernet LAN cable, CAT5e, RJ45 male-to-male, 6.5 ft (2 m)

Available Accessories
CEN-SWPOE-16
16-Port Managed PoE Switch

CEN-SW-POE-5
5-Port PoE Switch

Notes:

1. A headset is not included. Visit https://partnersolutions.skypeforbusiness.com/solutionscatalog/personal-peripherals-pcs for recommended accessories.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

Rev 10/29/19

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