

UC-P100-S

Crestron Flex P100-S – VoIP Desk Phone for Skype® for Business

- > A premium VoIP desk phone for Skype® for Business
- > Native Skype for Business touch screen UX — provides a consistent user experience with simple operation and one-touch meeting joins
- > A complete kit solution — easy to specify and install
- > Works natively with any Skype for Business account — no MCUs, gateways, or other add-ons needed!
- > Connects and communicates securely over any enterprise or SMB network
- > Wideband HD voice quality
- > Full-duplex hands-free speakerphone with AEC
- > Hearing aid compatible handset
- > Wired headset support^[1]
- > Audio volume adjustment and mute
- > 7" (178 mm) color touch screen
- > Physical keypad and function buttons
- > Hot desking capability for shared workstations
- > Active Directory® authentication and corporate directory access
- > Microsoft® Exchange and Office 365® integration
- > Onscreen calendaring and meeting management
- > Enterprise-grade security
- > Dual-port Gigabit Ethernet connectivity
- > PoE network powered
- > Complete kit contains the UC-PHONE-S VoIP desk phone, handset, cables, and 1-year XiO Cloud Premium^[2,3]



Crestron Flex

Crestron Flex is a comprehensive line of unified communications and collaboration solutions for the enterprise. Current options include conferencing and desk phone solutions for Microsoft Teams® and Skype® for Business, with future solutions coming soon for Zoom Rooms™ and Open UC (open-platform support for any web collaboration, conferencing, or telephony platform). From the desktop to the conference room and beyond, Crestron Flex solutions deliver a distinctively simple and consistent user experience in all the places people work and meet.

The Crestron Flex P100-S desk phone (UC-P100-S) provides a premium voice-over-IP telephony 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]

The Crestron Flex P100-S is the ideal desk phone for any modern workplace running Microsoft® Office 365® and Skype for Business software across the enterprise. Each phone syncs with an individual's Skype for Business account. Personal contacts, schedules, voicemails, and other preference settings appear on the phone's touch screen simply by signing in on the phone.

Intuitive operation and exceptional HD audio quality afford a gratifying and productive experience, whether making a personal phone call, gathering a small group for a conference call, or participating in an online meeting. Crestron Flex is secure, easy to deploy, and easy to manage, with extensive features and capabilities engineered to maximize the value of your investment through increased efficiency and productivity.

See also the Crestron Flex P110-S for Skype for Business (UC-P110-S) which features an adjustable touch screen, and the Crestron Flex P100-T for Microsoft Teams (UC-P100-T) for 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 Experience

The Skype for Business UC platform integrates business communication and meeting technologies, engaging people and bringing them together through messaging, voice over IP, online meetings, conferencing, content sharing, and collaboration. The Flex P100-S desk phone provides a native Skype for Business UC experience, with simple operation and one-touch meeting joins through a feature-rich touch screen UX familiar to users of Skype for Business and Office 365. Onboard calendaring, corporate directory access, and hot desking provide knowledge workers with the tools they need to work smart and efficiently. It simply works with any Skype for Business account and connects to any enterprise or SMB network implementing an on-site or cloud based Skype for Business deployment.

Note: When ready to migrate to the Microsoft Teams platform, every Crestron Flex desk phone can be upgraded easily with a simple firmware update.

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Superb Sound Quality

Crestron® VoIP desk phones facilitate perfectly natural 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.

Color Touch Screen

Its extra-large, full-color touch screen makes the desk phone easy for everyone to use, whether dialing or answering a phone call, starting or joining an online meeting, looking up contacts, viewing call history, accessing voicemail, managing your calendar, or logging in as a new user. 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 familiar to users of Skype for Business and Office 365 software, so staff members can move effortlessly between using a phone and personal computer at their desk or workstation and other Skype for Business based Crestron UC conferencing solutions in a meeting room or huddle space.

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: VoIP desk phone for Skype for Business

SW-XIOC-P-1: XiO Cloud Premium Provisioning and Management Service, 1 year subscription^[2,3]

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, SIP INFO), 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

Display Type: TFT active matrix color LCD

Size: 7 inch (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 Volt DC power input (not used)

Headset: (1) RJ9 4P4C connector, female;

For optional headset (not included)^[1]

Handset: (1) RJ9 4P4C connector, female;

For handset (included)

USB: (1) USB Type A connector, female (behind touch screen);

USB 2.0 host port (not used)

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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 Watts

Environmental

Temperature: 14° to 104° F (-10° to 40° C)

Humidity: 10% to 95% RH (non-condensing)

Construction

Housing: Plastic, fixed-angle touch screen

Mounting: Freestanding desktop, 5° adjustable-angle tilt stand included

Dimensions

Height: 7.66 in (195 mm);
7.99 in (203 mm) with stand extended

Width: 10.22 in (260 mm)

Depth: 6.88 in (175 mm);
6.96 in (177 mm) with stand extended

All dimensions shown fully assembled with handset and tilt stand attached.

Weight

2.72 lb (1.24 kg)

MODELS & ACCESSORIES

Available Models

UC-P100-S: Crestron Flex P100-S – VoIP Desk Phone for Skype® for Business

Available Accessories

CEN-SWPOE-16: 16-Port Managed PoE Switch

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

SW-XIOC-S-1: XiO Cloud™ Standard Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-S-2: XiO Cloud™ Standard Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-S-3: XiO Cloud™ Standard Provisioning and Management Service for one device, 3 year subscription

SW-XIOC-P-1: XiO Cloud™ Premium Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-P-2: XiO Cloud™ Premium Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-P-3: XiO Cloud™ Premium Provisioning and Management Service for one device, 3 year subscription

Notes:

1. A headset is not included. Visit <https://partnersolutions.skypeforbusiness.com/solutionscatalog/personal-peripherals-pcs> for recommended accessories.
2. XiO Cloud integration is not currently supported, and will be added in the future via a firmware update.
3. Complimentary XiO Cloud subscriptions are subject to the terms of the Crestron Cloudware License Agreement at <https://www.crestron.com/cloudwarelicensepdf>, as well as additional terms of the Crestron Cloudware License Agreement Addendum at <https://www.crestron.com/cloudwarelicenseaddendumpdf>, which control in any conflict with the Agreement. Complimentary subscriptions may be applied to new accounts only. New UC-P100-S phones may be added to existing XiO Cloud subscription accounts at a discounted rate. An additional purchase toward the existing subscription account term may be required. For more information, please contact license@crestron.com.

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 <https://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 for 3 years, except for the touch screen display which is covered for 90 days. Refer to <https://www.crestron.com/warranty> for full details.

The specific patents that cover Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, visit <https://www.crestron.com/opensource>.

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