

# UC-PHONE-T

## Crestron® Flex VoIP Desk Phone for Microsoft Teams® Software



- *Native Microsoft Teams® touch screen UX with simple operation and one-touch meeting joins*
- *Onscreen calendaring and meeting management*
- *Wideband HD voice quality*
- *Network management and provisioning, remote firmware updates and system alerts via the Crestron XiO Cloud™ service*
- *Connects and communicates securely over any enterprise or SMB network*
- *Full-duplex hands-free speakerphone with AEC*
- *Hearing aid compatible handset*
- *Wired headset support*
- *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*

The Crestron Flex UC-PHONE-T desk phone provides a premium voice-over-IP telephone solution for use with the Microsoft Teams 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.<sup>1</sup> Each phone can be synced with a Microsoft Teams account, with contacts, schedules, voicemails, and other preference settings appearing on the phone's touch screen.

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

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

### Native Microsoft Teams® Software Experience

The UC-PHONE-T desk phone provides a native Microsoft Teams IC 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-PHONE-T works with a Microsoft Teams account and connects to an enterprise or SMB network implementing a cloud based Microsoft Teams deployment.

### Superb Sound Quality

Crestron VoIP desk phones facilitate conversations with highly intelligible voice clarity, whether speaking privately on the handset or headset<sup>1</sup>, 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

The extra-large, full-color touch screen makes the desk phone easy to use. 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.<sup>1</sup>

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

### Hot Desking

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

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### Network Management and Security

The Crestron VoIP desk phone is an enterprise-grade appliance, engineered in partnership with Microsoft to integrate seamlessly into any Microsoft Teams 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.

### Crestron XiO Cloud™ Provisioning and Management Service

The UC-PHONE-T is compatible with the Crestron XiO Cloud™ service, which is an IoT (Internet of Things) based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. The service enables installers and IT managers to deploy and manage thousands of devices in the amount of time it previously took to manage just one. As part of the UC-PHONE-T system, the Crestron XiO Cloud service allows for network management and provisioning, remote firmware updates and system alerts. For more information, visit [www.crestron.com/xiocloud](http://www.crestron.com/xiocloud).

## Specifications

### Communications & Audio

<b>Ethernet</b>	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, Crestron XiO Cloud client, Microsoft Intune® client, dual-port Gigabit Ethernet switch, IEEE 802.3at Type 1 PoE compliant
<b>VoIP</b>	Microsoft Teams client; compatible with Office 365 cloud service; 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
<b>Codec Support</b>	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

<b>Display Type</b>	TFT active matrix color LCD
<b>Size</b>	7 in. (178 mm) diagonal
<b>Aspect Ratio</b>	16:9 WSVGA
<b>Resolution</b>	1024 x 600 pixel
<b>Touch Screen</b>	Capacitive, 5-point multi-touch capable
<b>Language Support</b>	English (United States), Chinese Simplified, Chinese Traditional, French (EU), German, Italian, Polish, Portuguese (EU), Spanish (EU), Turkish, Russian

### Buttons & Indicators

<b>Power</b>	(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
<b>Keypad</b>	(12) ITU E 1.161 standard keypad buttons
<b>Functions</b>	(9) Buttons for Hold, Transfer, Message, Volume +/-, Headset*, Mute*, Redial, Speakerphone*; *Buttons are LED backlit to indicate active status
<b>Hook Switch</b>	(1) Handset hook switch

### Connectors

<b>PC</b>	(1) 8-pin RJ45 connector, female; 1000Base-T Ethernet port; Switched LAN port for optional computer connection
<b>Internet</b>	(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
<b>DC5V</b>	(1) DC power connector; 5 VDC power input (not used)
<b>Headset</b>	(1) RJ9 4P4C connector, female; For optional headset (not included)
<b>Handset</b>	(1) RJ9 4P4C connector, female; For handset (included)
<b>USB</b>	(1) USB Type A connector, female (behind touch screen); USB 2.0 host port (not used)

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### Power

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

### Environmental

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

### Construction

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<b>Housing</b>	Plastic, fixed-angle touch screen
<b>Mounting</b>	Freestanding desktop, 5° adjustable-angle tilt stand included

### Dimensions

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<b>Height</b>	7.66 in. (195 mm); 7.99 in. (203 mm) with stand extended
<b>Width</b>	10.22 in. (260 mm)
<b>Depth</b>	6.88 in. (175 mm); 6.96 in. (177 mm) with stand extended

### Weight

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2.72 lb (1.24 kg)

### Compliance

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

### Model

UC-PHONE-T

### 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

#### SW-XIOC-P-1

Crestron XiO Cloud Premium Provisioning and Management Service for one device, 1 year subscription

#### SW-XIOC-P-2

Crestron XiO Cloud Premium Provisioning and Management Service for one device, 2 year subscription

#### SW-XIOC-P-3

Crestron XiO Cloud Premium Provisioning and Management Service for one device, 3 year subscription

#### SW-XIOC-S-1

Crestron XiO Cloud Standard Provisioning and Management Service for one device, 1 year subscription

#### SW-XIOC-S-2

Crestron XiO Cloud Standard Provisioning and Management Service for one device, 2 year subscription

#### SW-XIOC-S-3

Crestron XiO Cloud Standard Provisioning and Management Service for one device, 3 year subscription

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### 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](http://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](http://www.crestron.com/warranty) for full details.

The specific patents that cover Crestron products are listed online at [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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