

## UC-PHONE-PLUS

Desk Phones for Skype® for Business & Microsoft Teams™ Software

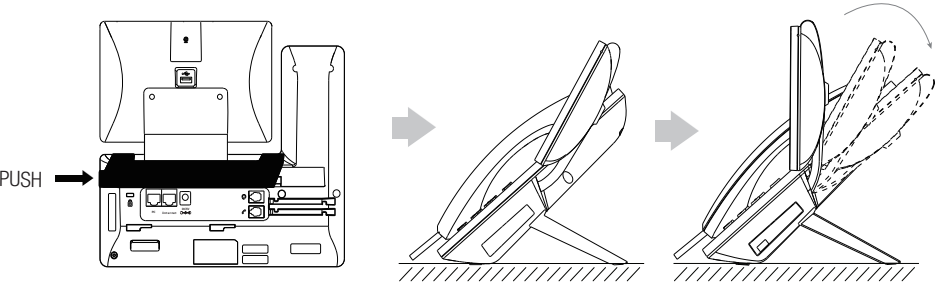


## DO Check the Box

ITEM	QTY
Cable, Ethernet, CAT5e, 6.6' (2 m)	1
Cord, Handset	1
Handset	1
Phone	1
Stand	1

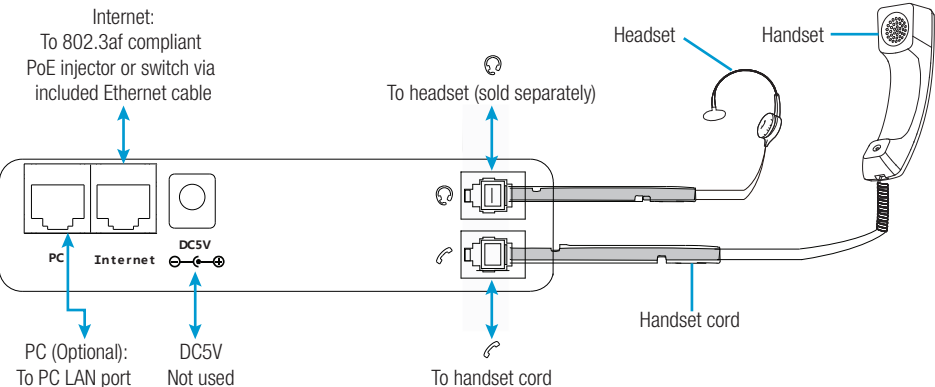
## DO Assemble the Device

Attach the stand and adjust the angle of the touch screen as shown below.



## DO Connect the Device

Make the necessary connections as called out in the following diagrams.



**NOTE:** The USB port on the back of the display is not used.

## DO Use the Device

After the device is connected to the network and supplied with power, it automatically begins the initialization process. After startup, the phone is ready for use. You can configure the phone via the web user interface or phone user interface. For details, refer to UC-PHONE Supplementary Guide (Doc. 8368) at [www.crestron.com/manuals](http://www.crestron.com/manuals).



## DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR images.

UC-PHONE-S-PLUS



UC-PHONE-T-PLUS





As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.



This product is Listed to applicable UL® Standards and requirements tested by TUV.

Ce produit est homologué selon les normes et les exigences UL applicables par TUV.

#### **Federal Communications Commission (FCC) Compliance Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### **Industry Canada (IC) Compliance Statement**

CAN ICES-3 (B)/NMB-3(B)

The product warranty can be found at [www.crestron.com/warranty](http://www.crestron.com/warranty).

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

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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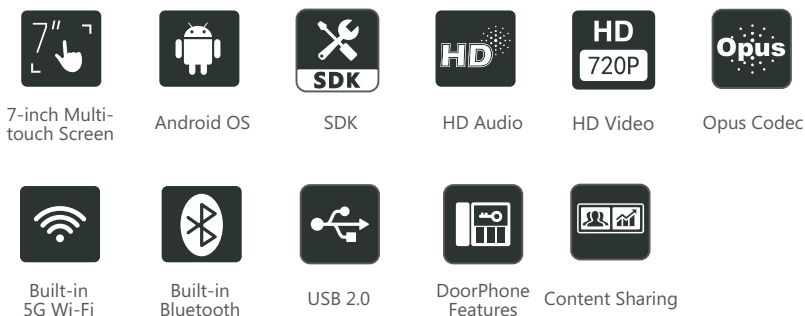
This document was written by the Technical Publications department at Crestron.

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## Easy Audio and Visual Communication

The UC-PHONE-PIUS is a simple-to-use smart business phone that provides an enriched HD audio and video calling experience for business professionals. This all-new smart business phone enables productivity-enhancing visual communication with the ease of a standard phone. Based on Android 5.1.1 operating system, the PHONE features a seven-inch adjustable multi-point touch screen, integrated 5G Wi-Fi and Bluetooth 4.2, and it is coupled with a built-in web browser, calendar, recorder and more, which also supports the installation of third-party applications for business customization. More than that, you can easily turn your smart business phone into a video phone ready with an optional removable two-megapixel HD camera CAM50. Thanks to the DECT technology, if you want to expand your horizons for busy environments, or, share one phone system with your small team by adding multiple handsets, simply turn phone to the corded-cordless phone, and it will repay you up to 4 DECT handsets in total to meet your daily demands. The Smart Business Phone strikes an exquisite balance between simplicity and sophistication, offering an all-in-one communications solution for today's busy executives, managers and teleworkers.



## Key Features and Benefits

### HD Audio and HD Video

The phone includes the latest version of Yealink Optimal HD Voice technologies including the Noise Proof Technology and now supports the Opus codec, which helps maximize the acoustic performance of the phone's handset, headset and especially the speakerphone. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly. The optional dynamic, removable two-megapixel HD camera CAM50 is specially designed for remarkable real-time face-to-face conversations, that you can connect into video conferences directly from your desk. Moreover, you can use the phone with the VC Desktop together to share content from your laptop.

### A Better User Experience with Android Operating System

Based on Android 5.1.1, the phone features a built-in browser, email, calendar and more. Administrators can easily install additional Android applications to improve collaboration and productivity. Meanwhile, the Open the SDK (Software Development Kit) allows the phone to deeply integrate with 3<sup>rd</sup> party applications, providing richer phone features and giving a better user experience.

### Richer Interface for Easy Customization

The phone features Bluetooth 4.2 for pairing with headsets and mobile phones. It also includes dual-port Gigabit Ethernet with PoE as well as built-in 5G Wi-Fi. The USB 2.0 port allows for media and storage via a USB flash drive and a direct wired/wireless USB headset connection. The phone can also be paired with up to 3 color-screen expansion modules.

### Efficient Provisioning and Management

The phone supports the efficient Auto-Provisioning mechanism, including phone deployment and application installation. Administrators can take advantage of centralized deployment, management, updating and uninstallation to ensure application standardization.

- 7 inch (1024 x 600) capacitive adjustable touch screen
- 720p30 HD video (with CAM50)
- Runs Android 5.1.1
- The Noise Proof Technology
- The SDK (Software Development Kit)
- DoorPhone Features  
(Preview, One-button Open, Monitoring)
- Built-in Bluetooth 4.2 for headsets and pairing mobile devices
- Built-in 5G Wi-Fi (802.11b/g/n/ac)
- USB 2.0 port (2.0 compliant) for USB headset, media and storage applications
- Opus Codec support
- Up to 16 VoIP accounts
- Up to 5-party audio conferencing
- Wall mountable
- Color-screen Expansion Module support

## Audio Features

- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Yealink Noise Proof Technology
- Audio codec: Opus, G.722, G.722.1, G.722.1C, G.711 (A/μ), G.723, G.726, G.729AB, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC

## Video Features\*

- 720p@30fps HD video call
- Video codec: H.264 High Profile, H.264, VP8
- Video quality: 720P (1280x720)-30fps ( ≥ 512 kbps)
- Yealink CAM50 camera: 2 mega-pixel, plug and play, adjustable, with privacy shutter and LED indicator
- Vertical tilt angle adjustable: 50°
- Field of view (FOV): 70.2°
- Self view (local video preview)

## Display and Indicator

- LCD screen:
  - 7" 1024 x 600 capacitive adjustable touch screen
  - Vertical tilt angle adjustable: 48°
- 5 points multi-touch surface
- Screensaver and Wallpaper
- LED for call and message waiting indication
- Intuitive user interface with icons and soft keys
- Multilingual user interface
- Caller ID with name, number and photo

## Android bundled Applications

- FileManager/Email/Calendar/Camera/Gallery/Recorder/Calculator/Browser/Message
- Third party Android application support

## Phone Features

- The SDK Software Development Kit ( )
- 16 VoIP accounts
- Call hold, call forward
- Call waiting, call transfer
- One-touch speed dial, hotline
- Mute, DND
- Group listening, emergency call
- Redial, call return, auto answer
- Direct IP call without SIP proxy
- Ring tone select/import/delete
- Set date time manually or automatically
- Dial plan, action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Five-party audio conferencing
- Data import/export via Bluetooth, email, etc.
- DoorPhone features:
  - Preview, One-button Open, Monitoring

## Corded-Cordless Phone (via DECT Dongle DD10K)

- Up to 4 DECT cordless handsets
- Up to 4 concurrent calls
- Support W52H/W53H (OTA pending)/W56H/DD Phone
- Slave Handset for Master Deskset

## IP-PBX Features

- Busy Lamp Field (BLF), Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Remote office, hot desking, intercom, paging
- Message Waiting Indicator (MWI)
- Voice mail, call park, call pickup, music on hold
- Call completion, call recording

## Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

## Feature keys

- 27 one-touch DSS keys
- 8 feature keys: hold, transfer, message, headset, mute, redial, speakerphone, volume
- Illuminated mute/headset/hands-free speakerphone key

## Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- Built-in 5G Wi-Fi (802.11b/g/n/ac)
- Built-in Bluetooth 4.2 for
  - Bluetooth headsets
  - Pairing mobile devices
- 1 x USB 2.0 port (on the top of the phone) for:
  - The CAM50 camera
- 1 x USB 2.0 port (on the rear of the phone) for:
  - USB flash drive
  - Wired/wireless USB headset
  - Color-screen expansion modules
- 1 x Security lock port
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- Supports up to 3 color-screen expansion modules

## Management

- Configuration: browser/phone/auto provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto-provision with PnP, Zero-sp-touch, TR-069
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

- Only the administrator can install/uninstall apps via auto-provisioning
- Setup Assistant wizard

## Network and Security

- IPv4/IPv6
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- SRTP
- Transport Layer Security (TLS)
- HTTPS certificate manager
- AES encryption for configuration file
- Adb encryption authenticated
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X

## Other Physical Features

- Color: Metallic Gray
- Wall mountable (optional)
- External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
- Power consumption (PSU): 1.5W-4.5W
- Power consumption (PoE): 2.3W-6.0W
- Dimension (W\*D\*H\*T): 259.4mm\*220mm\*215mm\*42.6mm
- Operating humidity: 10~95%
- Operating temperature: -10~40°C (+14~104°F)

## Package Features

- Package content:
  - Yealink SIP-T58A IP phone
  - Handset with handset cord
  - Ethernet Cable (2m CAT5E FTP Cable)
  - Stand
  - Yealink CAM50 camera (Optional)
  - Quick Start Guide
  - Power Adapter (Optional)
- Qty/CTN: 5 PCS
- N.W/CTN: 9.3 kg
- G.W/CTN: 10.4 kg
- Giftbox size: 324 mm\*293 mm\*128 mm
- Carton Meas: 680 mm\*303 mm\*332 mm

## Compliance



\*Note: If you want to realize all video features, you should buy a CAM50 camera separately.

