

# TIPT Handset, Device and Headset Guide



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# TIPT Handsets – Poly

## Poly Edge E220



- 2.8 Inch Colour LCD (320 x 240 Pixel Resolution)
- 4-line keys supporting up to 16 lines, features and contacts.
- Integrated Power over Ethernet support (IEEE 802.3af)
- Integrated Bluetooth® 5.0 for mobile phone or headset pairing.
- Signature Poly HD voice.
- Poly NoiseBlockAI and Poly Acoustic Fence technologies.
- Single RJ-9 headset port; 1 x USB type c 2.0 port (headset capable)
- 2 x 10/100/1000 Base-TX Gigabit Ethernet switch ports (across LAN and PC Ports)

## Poly Edge E350



- 3.5 Colour LCD (320 x 240 Pixel Resolution)
- 8-line keys supporting up to 32 lines, features and contacts
- Integrated Power over Ethernet support (IEEE 802.3af)
- Integrated Bluetooth® 5.0 for mobile phone or headset pairing.
- Signature Poly HD voice.
- Poly NoiseBlockAI and Poly Acoustic Fence technologies.
- Single RJ-9 headset port; 1 x USB type c 2.0 port (headset capable)
- 2x10/100/1000 Base-TX Gigabit Ethernet switch ports (across LAN and PC ports)-WiFi

## Poly Edge E450



- 3.5 Inch LCD Screen (320 x 240 Pixel Resolution)
- 14-line keys (arranged 8+6 on two displays) supporting up to 44-line key assignments for lines, contacts, and features supported with pagination
- Integrated Power over Ethernet support (IEEE 802.3af)
- Integrated Bluetooth® 5.0 for mobile phone or headset pairing.
- Signature Poly HD voice.
- Poly NoiseBlockAI and Poly Acoustic Fence technologies.
- Single RJ-9 headset port; 2 x USB 2.0 ports (headset-capable)
- 2x10/100/1000 Base-TX Gigabit Ethernet switch ports (across LAN and PC ports)-WiFi

## Poly Trio 8500 Audio & Video Conferencing - Small to Medium Room



- 4.3 Metre microphone pickup range
- Integrated PoE support (IEEE 802.3af)
- Patented Polycom Acoustic Clarity™
- Polycom HD Voice for all audio paths (160-22,00Hz)
- Gesture-based, multitouch-capable capacitive touch screen
- Supports External Microphones
- One-port 10/100/1000 Ethernet switch
- Bluetooth Support

## Poly Trio 8800 Audio & Video Conferencing- Medium to Large Room



- 6 Metre microphone pickup range
- Integrated PoE support (IEEE 802.3af)
- Patented Polycom Acoustic Clarity™
- Polycom HD Voice for all audio paths (160-22,00Hz)
- Gesture-based, multitouch-capable capacitive touch screen
- Supports External Microphones
- Two-port 10/100/1000 Ethernet switch & 802.11 a/b/g/ Wi-Fi
- Bluetooth Support

## Expansion module for Poly Edge E 450



- Application target: telephone attendant's desk – High Performance Attendant Console for Edge 450
- 5.0 Inch LCD WVGA Colour Screen (480 x 800 Pixels)
- 22 multifunctional line keys configurable as line registrations, Enhanced Feature Keys, call appearances, contacts, speed dials, busy lamp fields
- Power and signalling are provided by the host phone - no AC power required
- 3-page keys for additional line appearances
- 1 EM module can be installed on a single Edge 450 handset

# TIPT Handsets – Poly Matrix

Edge series features	Poly E220	Poly E350	Poly E450
			
Display	2.8-inch Colour LCD (320 x 240 Pixel Resolution)	3.5-inch Colour LCD (320 x 240 Pixel Resolution)	Color 3.5" IPS LCD primary display (320x240 pixel resolution) and Color 2.4"(240x320 pixel resolution) secondary LCD display for BLF and contacts
Expansion module support			Poly Edge E expansion module supported
Power over ethernet IEEE 802.3af	✓	✓	✓
<b>Audio Features</b>			
Polycom HD voice technology	✓	✓	✓
Full duplex speakerphone with acoustic clarity technology	✓	✓	✓
<b>Telephony keys</b>			
Line / speed dial keys	✓	✓	✓
Handsfree and mute	✓	✓	✓
Headset and EHS	✓	✓	✓
Context sensitive soft keys	✓	✓	✓
Display / Navigation keys	✓	✓	✓
<b>Advanced features</b>			
Busy lamp field functionality	✓	✓	✓
Shared call line appearance	✓	✓	✓
Multicall appearances	✓	✓	✓
XHTML browser	✓	✓	✓
RJ-9 and USB headset	✓	✓	✓
Bluetooth	✓	✓	✓
<b>LAN / PC connectivity</b>			
Ports / speed Mbps	Two port 10/100/1000	Two port 10/100/1000	Two port 10/100/1000
WiFi		✓	✓

# TIPT Handsets – Cisco

## Cisco 6851 - Entry Level Monochrome Business Phone



- Application target: cubicle office worker 4 lines (standalone) with expansion module capability
- Integrated PoE support (IEEE 802.3af)
- Duplex Speakerphone
- Wideband audio
- 3.5-inch (396x162-pixel) grayscale display
- RJ 11 Headset
- Two-port 10/100/1000 Ethernet switch

## Cisco 6871 Multiplatform Phone



- Application target: Managers and Staff
- 6 lines (standalone) with Expansion Module capability
- USB port for use with headsets
- 3.5-in.(9-cm) 480 x 272-pixel colour display
- Supports a wideband audio handset connected through an RJ-9 port
- Integrated PoE support (IEEE 802.3af); power consumption does not exceed 12.95W
- Two-port 10/100/1000 Ethernet switch

## Cisco 7861 - Easy-to-Use, Cost-Effective Voice Collaboration



- Application target: Managers and Staff and Speed dial / BLF
- 16 lines (standalone)
- Integrated PoE support (IEEE 802.3af)
- Wideband audio
- 396 x 162 pixel (89 mm)
- Duplex Speakerphone
- RJ 11 Headset
- Two-port 10/100 Ethernet switch

## Cisco 8851- Premium IP Phone with Colour Display



- Application target: office worker
- 10 lines (standalone) with Expansion Module capability
- Wideband audio
- Integrated PoE support (IEEE 802.3af)
- 5-inch widescreen VGA (800x480 pixel), 24-bit colour
- USB Headset Support
- Bluetooth Support
- Two-port 10/100/1000 Ethernet switch

# TIPT Handsets – Cisco

## Cisco 8865 Affordable, High-Quality Desktop HD Video



- Application target: Executive
- 10 lines (standalone) with Expansion Module capability
- Wideband audio
- Integrated PoE support (IEEE 802.3af)
- 720p HD desktop video
- 5-inch widescreen VGA (800x480 pixel), 24-bit colour
- USB Headset Support
- Bluetooth Support
- Wi-Fi - 802.11a/b/g/n/ac
- Two-port 10/100/1000 Ethernet switch

## Cisco 6800 Expansion Module








- Application target: telephone attendant's desk
- 14 Physical Buttons
- Up to 28 buttons across 2 pages
- Power and signalling are provided by the host phone - no AC power required
- Note: Does not support SIP Line Registrations
- Expands Cisco 6851 only

## Cisco 8865 and 8851 Expansion module



- Application target: telephone attendant's desk Graphical, backlit, high-resolution colour display
- 14 Physical Buttons
- Up to 28 buttons across 2 pages
- Expands Cisco 8851 and 8865 only

# TIPT Handsets – Cisco Matrix

Edge series features	Cisco 6851	Cisco 6871	Cisco 7861	Cisco 8851	Cisco 8865
					
Video					✓
Display	3.5 inch (396 x 162 pixel) grayscale display	High-resolution 3.5 inch (480 x 272 pixel) color display with backlighting	3.5 inch (396 x 162 pixel) grayscale display	5 inch widescreen VGA (800 x 480 pixel), 24-bit color	5 inch widescreen VGA (800 x 480 pixel), 24-bit color
Expansion Module Support	✓			✓	✓
Power over ethernet	✓	✓	✓	✓	✓
<b>Audio Features</b>					
Wideband Voice Technology	✓	✓	✓	✓	✓
Full duplex speakerphone	✓	✓	✓	✓	✓
<b>Telephony keys</b>					
Line/speed dial keys	4	6	16	10	10
Handsfree and mute	✓	✓	✓	✓	✓
Headset and EHS	✓	✓	✓	✓	✓
<b>Advanced features</b>					
Busy lamp field functionality	✓	✓	✓	✓	✓
Shared call line appearance	✓	✓	✓	✓	✓
Multicall appearances	✓	✓	✓	✓	✓
USB headset		✓		✓	✓
RJ9 headset	✓	✓	✓	✓	✓
Bluetooth				✓	✓
<b>LAN / PC connectivity</b>					
Ports / speed Mbps	Two port 10/100/1000	Two port 10/100/1000	Two port 10/100	Two port 10/100/1000	Two port 10/100/1000
WiFi					✓



# TIPT Handsets - Grandstream

## WIFI & DECT

### Grandstream – WP820 Wi-Fi IP Phone



- Dual-band WiFi and advanced roaming support
- Bluetooth for syncing headsets and mobile devices
- HD voice & dual MIC design
- Rechargeable 1500mAh battery
- 7.5-hour talk time, 150-hour standby
- Accelerometer and configurable button for push-to-talk, panic and other related functions
- Micro USB port and 3.5mm headset jack
- 2 SIP accounts, 2 lines

### Grandstream – DP752 HD DECT Base



- Pairs with up to 5 of Grandstream's DP series DECT handsets
- Instant pairing using a dedicated pairing button
- Up to 10 SIP accounts per system; up to 10 lines per handset
- Support outdoor range of up to 400 meters with the DP730 or up to 350 meters with DP722/DP720 as well as indoor range up to 50 meters
- Supports Push-to-Talk and activity based on proximity and accelerometer sensors

### Grandstream – DP722 HD DECT Handset



- Supports a range of up to 350 meters outdoors and 50 meters indoors when used with the DP752 (300 meters outdoors when used with DP750)
- 1.8-inch (128x160) colour LCD with 2 programmable soft keys
- Offers 20 hours talk time and 250 hours standby time
- Supports up to 10 SIP accounts and 10 lines per handset as well as 3-way conferencing
- Push-to-talk via a configurable button
- HD audio on the speakerphone, handset, and headset jack

### Grandstream – DP760 DECT Repeater



- The DP760 is a wideband HD DECT repeater that auto associates with Grandstream's DP752 DECT Base Station to offer extended mobility for users
- Additional range of 300 meters outdoors and 50 meters indoors
- Automatic or manual association to DP750/DP752 base stations for easy use
- Power over Ethernet enabled



# TIPT Devices - IADs

## Integrated access device - Cisco ATA192 2 port IAD



- Multiplatform Analog Telephone Adapter interfaces traditional analogue telephone, fax and overhead paging communications devices into the SIP TIPT platform
- Features two RJ-11 FXS ports; 2 x 100BASE-T
- Supports up to 2 analogue devices such as Standard Telephones (POT); FAX machines, Public Address systems
- Supports up to 2 FAX machines

## Integrated Access Device - One Access – 8 Port IAD - One100 SX5E 2V



- Multiplatform Analog Telephone Adapter interfaces traditional analogue telephone, fax and overhead paging communications devices into the SIP TIPT platform
- Connects up to a total of 8 analogue devices; such as Standard Telephones (POT); FAX machines; Public Address system.
- 4 x 10/100Mbps, half/full duplex with auto-sense (LAN); 1 x 10/100Mbps, half/full duplex with auto-sense (WAN)

## Integrated Access Device - One Access - 24 Port IAD - One700 Gb5T 24V



- Multiplatform Analog Telephone Adapter interfaces traditional analogue telephone, fax and overhead paging communications devices into the SIP TIPT platform
- Connects up to a total of 24 analogue devices
- Features 24 RJ-11 FXS ports via RJ-21 cable
- Supports up to 24 devices such as Standard Telephones (POT); FAX machines; Public Address system
- Includes a single multi-port RJ-21
- 50-pin connector

# TIPT Headsets - Cisco

## Cisco 561 Wireless Single Headset w Standard Base



- Mono wireless Headset
- DECT wireless, up to 100 metres roaming
- Auto-answers when undocked
- Base connections: USB-A connection and RJ9/11 Y -cable
- On-ear call control capabilities, including answer call, end call, reject call, hold/ resume (for multiple calls), mute/unmute, volume up, and volume down.
- AES-128 encryption
- Up to 3 headsets can pair to base at once
- Narrowband (8 kHz), Wideband (16 kHz), Full band (48 kHz)

## Cisco 561 Wireless Single Headset w Multi Base



- Mono wireless Headset
- DECT wireless, up to 100 metres roaming
- Auto-answers when undocked
- Base connections: USB-A connection; RJ9/11 Y -cable; Bluetooth
- On-ear call control capabilities, including answer call, end call, reject call, hold/ resume (for multiple calls), mute/unmute, volume up, and volume down.
- AES-128 encryption
- The headset can answer calls from any source with a single press of a button. The Multibase station will automatically select the source with the incoming call.
- Simultaneously connect to multiple physical and Bluetooth sources. Select a connection with the source selector buttons on the base station
- Pair Bluetooth devices to the base for convenient connectivity to mobile devices and phones. The Multibase station supports four paired devices and one active Bluetooth connection.
- Narrowband (8 kHz), Wideband (16 kHz), Full band (48 kHz)
- NOTE: INCOMPATIBLE with Cisco IP Phone 7800 Series phones using Power over Ethernet (PoE). Use the external power supply if you intend to connect the multibase.

## Cisco 562 Wireless Dual Headset w Standard Base



- Stereo wireless Headset
- DECT wireless, up to 100 metres roaming
- Auto-answers when undocked
- Base connections: USB-A connection and RJ9/11 Y -cable
- On-ear call control capabilities, including answer call, end call, reject call, hold/ resume (for multiple calls), mute/unmute, volume up, and volume down.
- AES-128 encryption
- Up to 3 headsets can pair to base at once
- Narrowband (8 kHz), Wideband (16 kHz), Full band (48 kHz)

# TIPT Headsets - Cisco

## Cisco 562 Wireless Dual Headset w Multi Base



- Mono wireless Headset
- DECT wireless, up to 100 metres roaming
- Auto-answers when undocked
- Base connections: USB-A connection; RJ9/11 Y-cable; Bluetooth
- On-ear call control capabilities, including answer call, end call, reject call, hold/resume (for multiple calls), mute/unmute, volume up, and volume down.
- AES-128 encryption
- The headset can answer calls from any source with a single press of a button. The Multibase station will automatically select the source with the incoming call.
- Simultaneously connect to multiple physical and Bluetooth sources. Select a connection with the source selector buttons on the base station
- Pair Bluetooth devices to the base for convenient connectivity to mobile devices and phones. The Multibase station supports four paired devices and one active Bluetooth connection.
- Narrowband (8 kHz), Wideband (16 kHz), Full band (48 kHz)
- NOTE: INCOMPATIBLE with Cisco IP Phone 7800 Series phones using Power over Ethernet (PoE). Use the external power supply if you intend to connect the multibase.

## Cisco 730 Wireless Dual Headset USB w Charger



- Stereo Wireless Bluetooth Headset; 40mm Speakers
- USB-A; 3.5mm. Simultaneous connections: 2 Bluetooth + 1 USB
- Integrated Presence LED light; On-ear call and music controls
- Active Noise Cancellation, voice activated microphones, background noise suppression
- 22 hours talk time OR 37 hours music time; Charge by USB C input OR charging stand; Charging Time: 150 minutes

## Plantronics Blackwire 225, Stereo Headset



- Headset - wired - 3.5mm plug
- Mac, Windows
- Computer - communication
- On-ear headphones; Binaural
- Frequency Response 20 - 20000 Hz
- Boom
- Mute, volume

# TIPT Headsets - Jabra

## Jabra Evolve2 30 USB-A UC Stereo



- Corded Stereo Headset
- Dual Microphone boom design
- 28 mm Drivers
- USB Type-A Wired Connection
- Noise Isolation

## Jabra Evolve2 40 USB-A, MS Stereo



- Corded Stereo Headset
- Noise-Cancelling Microphone
- USB Type-C or USB Type-A Connectivity
- Stainless Steel Headband & Slider
- Angled Earcups with Memory Foam Cushions
- Integrated Busy Light

## Jabra Evolve2 65Link380a UC Stereo Black



- Wireless Stereo Headset
- Bluetooth; Range 33 Metres 40 mm speakers Microphones: 3 Digital MEMS Talk Time Busylight Off: up to 35 hrs; Busylight On: up to 24 hrs; Media Time: up to 37 hrs Smartphones, tablets, and computers
- USB Charging

## Jabra Engage 75 Stereo



- Stereo Wireless Headset
- DECT range up to 150 meters
- Busy light
- 13 hours talk time; 40% charge after 30 minutes; 100% charge after 90 minutes
- Headset controls: answer and end calls; mute and adjust volume
- 2x micro USB, RJ-9 for handset, RJ-9 for deskphone audio, RJ-45 for AUX

# TIPT Headsets - Plantronics

## Plantronics Blackwire C3210 (Basic, Mono, USB-A)



- Headset - wired - USB-A
- Mac, Windows
- Computer - communication
- On-ear headphone; Monaural
- Boom
- Mute, volume, answer/end, hold, redial

## Plantronics Blackwire 5210 (Mid, Mono, USB-A)



- Mac, Windows
- On-ear headphone; Monaural
- USB Type-A; 3.5 mm audio
- Boom
- Omnidirectional
- Noise and echo reduction;
- Dynamic EQ optimized

## Plantronics Blackwire 5220 (Mid, Stereo, USB-A)



- Mac, Windows
- On-ear headphone; Stereo
- Headset - Wired - USB Type-A; 3.5 mm
- On-ear (stereo)Wired USB Type-A; 3.5 mm
- Dynamic mute alert;
- Digital signal processing
- Noise cancellation

## Plantronics Voyager Focus UC (Stereo ANC, USB-A/Bluetooth)



- Supports a range of up to 350 meters outdoors and 50 meters indoors when used with the DP752 (300 meters outdoors when used with DP750)
- 1.8-inch (128x160) colour LCD with 2 programmable soft keys
- Offers 20 hours talk time and 250 hours standby time
- Supports up to 10 SIP accounts and 10 lines per handset as well as 3-way conferencing
- Push-to-talk via a configurable button
- HD audio on the speakerphone, handset, and headset jack

# TIPT Headsets - Plantronics

## Plantronics Blackwire 225, Stereo Headset



- Headset - wired - 3.5mm plug
- Mac, Windows
- Computer - communication
- On-ear headphones; Binaural
- Frequency Response 20 - 20000 Hz
- Boom
- Mute, volume

## Plantronics APC 43- EHS (Cisco)




- Electronic Hook Switch for remote call answering.
- Suits the following Cisco models: 7861, 8851, 8865

## Plantronics APP-51 EHS (For Savi, CS500, B335) – Polycom



- Electronic Hook Switch for remote call answering.
- Compatible with Poly Edge E220, E350, E450

Contact your Telstra account representative for more details

 1300 telstra (1300 835 787)

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