



Accessories

DOT (Digital Office Technology)[™]
User Guide

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1.0 Plantronics CS540 headset



1.1 The Plantronics CS540 Headset

The Plantronics CS540 is a convertible wireless headset designed specifically for VOIP applications.

When connected to your SPA525G2 phone by an APC-45 cable the headset can be used to answer, end and place calls on mute within a range of up to 100m.

The SPA50x series of phones do not support the Electronic Hook Switch (EHS) feature of the APC-45 cable. This means that calls must be made and answered manually using the phones headset button.

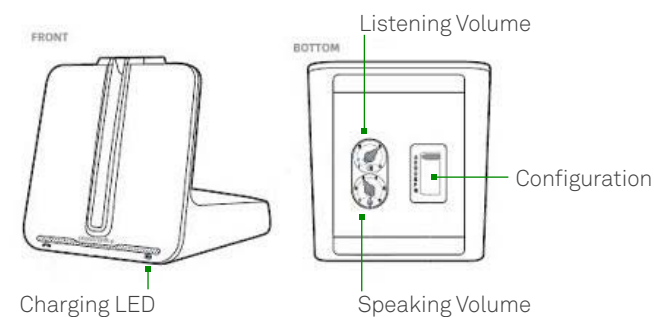
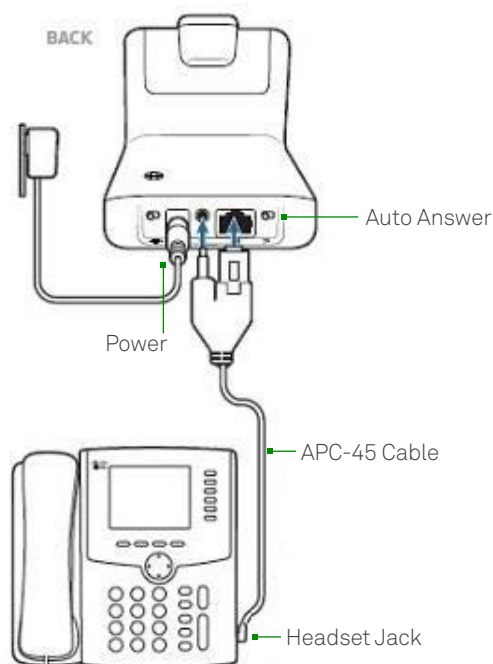
1.2 Charging the Headset

To charge, dock the headset into the base for a minimum of 20 minutes. A full charge will take three hours and will provide up to seven hours of talk time.

While charging the 'Charging LED' on the front of the base will flash green. When the headset is fully charged the LED will be solid green.

1.3 Connecting the CS540 to the Phone

1. Plug one end of the power supply into a working power point and the other into the power jack on the back of the base.
2. Connect the APC-45 cable to the RJ45 and 2.5mm socket end of the CS540 base,
3. Connect the APC-45 2.5mm plug end into the 'Headset Jack' of the phone
4. Set the 'Configuration Slider' on the bottom of the base to "A"
5. Set the 'Listening Volume' control on the bottom of the base to "3"
6. Set the 'Speaking Volume' control on the bottom of the base to "2"
7. Set the 'Auto Answer' switch on the back of the base to the position appropriate to your model of phone.
 - SPA525G2 – Red (default)
 - SPA50x Series - Green



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1.4 Make/Answer Calls – SPA525G2

Make an Outgoing Call

1. Put on your headset.
2. Press the 'Call Button' on the headset.
3. You will hear dial tone.
4. Dial the number using the phone.
5. To end the call, press the 'Call Button' on the headset.
6. Put the headset in the cradle.

Answer a Call

1. Put on your headset.
2. Press the "Call Button" on the headset.
3. You will hear the remote party.
4. To end the call, press "Call Button" on the headset.
5. Put the headset in the cradle.

1.5 Make/Answer Calls – SPA50x Series

Make an Outgoing Call

1. Put on your headset.
2. Press the headset button on the phone.
3. You will hear dial tone.
4. Dial the number using the phone.
5. To end the call, press the headset button on the phone.
6. Put the headset in the cradle.

Answer a Call

1. Put on your headset.
2. Press the headset button on the phone.
3. You will hear the remote party.
4. To end the call, press the headset button on the phone.
5. Put the headset in the cradle.

SPA525G2



SPA50x



CS540 Headset

Headset Button



CS540 Headset

Headset Button



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2.1 10 Port Gigabit PoE Managed Switch

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2.0 10 Port Gigabit PoE Managed Switch

2.1 10 Port Gigabit PoE Managed Switch

The DOT 10 Port Gigabit PoE Managed Switch is an ethernet switch capable of speeds up to 1000Mbps. It overcomes the four port limitation of DOT routers allowing you to connect up to 12 devices such as IP phones, IADs, printers and computers.

Multiple switches can be used to provide even greater capacity.

2.2 Power over Ethernet (PoE)

The switch supports PoE on ports one to eight. This means that PoE enabled devices, such as DOT IP phones, can be powered by the switch. This eliminates the need for power adapters, freeing up power points and reducing clutter.

2.3 Gigabit ports

Ports G9 and G10 on the switch are Gigabit ethernet ports. Each port has two physical interfaces, one RJ45 and one MiniGBIC optical interface. Either interface is capable of up to 1000Mbps, however when one interface is used the other is disabled.

These ports do not support PoE so it is recommended that the DOT router is connected to one of these, freeing up a PoE port. If the MiniGBIC interface is used (requires an adapter) then the router will have the added benefit of the highest available bandwidth.

2.4 LED Indicators

System: Steady green when powered on, flashes green while booting. Flashing amber indicates a hardware fault.

PoE: Steady amber when providing power to a PoE device.

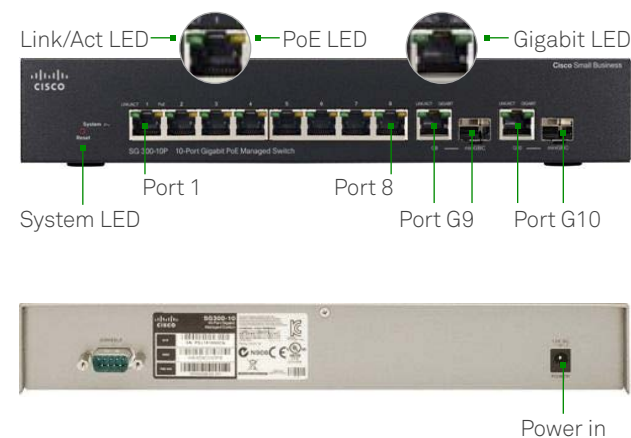
Link/Act: Steady green when a link has been established with a device, flashes green when passing traffic.

Gigabit: Steady green when a 1000Mbps link is established with a device.

2.5 Setup

The switch is delivered configured and optimised for DOT so it is literally 'plug and play.'

1. Connect the power adapter to the mains and to the 'Power In' port at the rear of the switch
2. Wait for the switch to power up and confirm the 'System LED' is steady green
3. Connect one of the LAN ports from the router to a port to the switch (Ports G9 or G10 recommended)
4. Connect your IP devices to the switch ports. You can continue to use the LAN ports on the router, or move devices to the switch. To take advantage of PoE you must use ports one to eight on the switch.



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3.0 Cisco Wireless N Bridge for Phones Adapter

3.1 The Wireless N Bridge Adapter

The Cisco Wireless N Bridge for Phones Adapter lets you transform your Cisco SPA IP Phone into a flexible wireless device. Designed specifically for small businesses, it gives you the freedom to place your IP phone almost anywhere in the office, without the need for a nearby wired network connection.

3.2 Wi-Fi Setup

This process assumes that the adapter is being installed on a currently working phone.

1. Plug one end of the phones power adapter into the mains and the other into the 'Power In' socket of the adapter
2. Wait until the 'System LED' has stopped flashing and is solid green
3. Press and hold the WPS button on the gateway device until the WPS indicator on the gateway begins to flash
4. Press and hold the 'WPS Button' on the adapter until the 'WPS LED' starts flashing
5. When the 'WPS LED' on the adapter has turned solid green it has successfully connected to the gateway
6. Connect the adapters 'Power Out' and 'Ethernet Out' cables to the phone
7. The phone should register and be able to make calls.

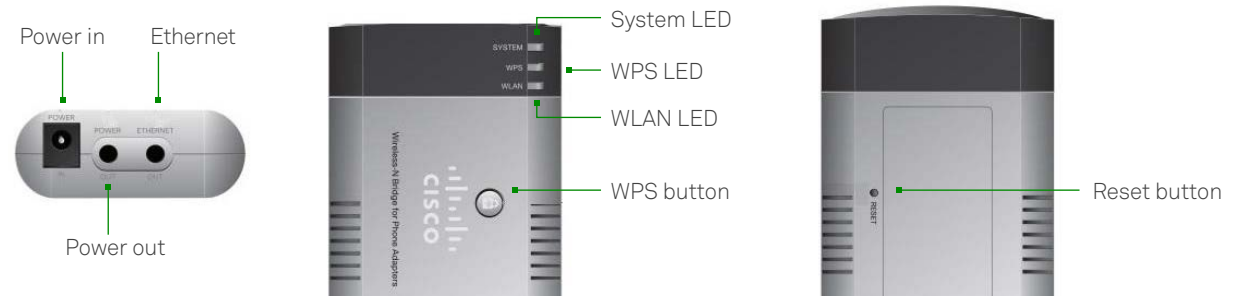
3.3 Hints and Tips

The 'WLAN LED' will flash while receiving traffic, if it is off there is no connection. Perform setup again

- The 'WPS LED' will be solid green after initial Wi-Fi setup, but if restarted it will be off. This is normal and does not affect operation.
- If Wi-Fi setup fails check that the adapter is close to the gateway without any obstruction. If it fails again perform a factory reset.
- If any LEDs continuously flash orange after a restart perform a factory reset.

3.4 Factory Reset

1. Remove the 'Power Out' and 'Ethernet Out' cables from the phone and power up the adapter
2. Wait until the 'System LED' is solid green
3. Using a paperclip; press and hold the 'Reset Button' on the adapter until the 'System LED' begins to flash
4. Press and hold the 'Reset Button' again until the 'System LED' begins to flash orange
5. Disconnect and reconnect the power to the adapter
6. When the 'System LED' is solid green perform the Wi-Fi setup.



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4.0 Cisco SPA122 analogue telephone adapter (IAD)

4.1 The Cisco SPA122

The Cisco SPA122 is a two port Integrated Access Device (IAD) used to connect legacy telephones and fax/EFTPOS machines to DOT. This allows customers to protect and extend their investments in telephones and fax machines while enabling their migration to IP. The SPA122 converts the analogue voice into data packets for transmission across the network.

4.2 SPA122 Setup

1. Connect one end of the RJ-11 phone cable to the PHONE 1 port of the SPA122. Connect the other end to the analogue phone or fax machine.
2. Repeat step 1 with the PHONE 2 port if you have an additional devices to connect.
3. Connect one end of the Ethernet network cable to the INTERNET port of the SPA122. Connect the other end to the switch or router.
4. Connect the power adapter to the power port of the SPA122, and then plug the power adapter into an electrical outlet.

4.3 SPA122 Rear Panel

Phone 1/Phone 2. These ports are for the connection of phone, fax or EFTPOS services. When the DOT service is ordered each port is assigned to a specific device so please ensure that devices are connected to their allocated ports, described in the Configuration Summary emailed to you.

Internet: Connects the IAD to the DOT switch or router.

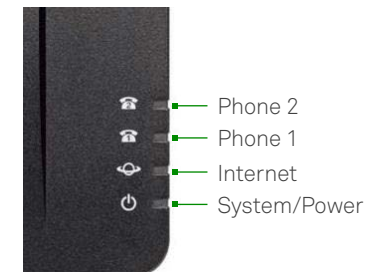
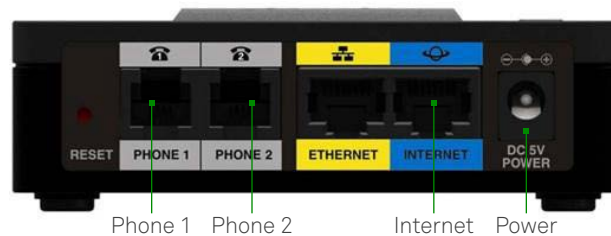
Power: Power input via the supplied mains adapter.

4.4 SPA122 LED Indicators

System: Flashes while booting, steady when ready. Flashes rapidly when performing a firmware upgrade and off when the IAD has no power or cannot boot.

Internet: Flashes while transmitting and receiving data on the Internet port. Off indicates that there is no link to the switch.

Phone1/Phone 2. Steady when the phone is ready and on-hook. The LED flashes slowly when the phone is off-hook.



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5.0 Need more support

If you have questions beyond this guide, we want to help.

To learn more about your DOT tools and features, visit the DOT Online Support page at telstra.com/dot/support

To speak with a DOT consultant, phone us on 13 2000 and say “Digital Office Technology” when prompted.

When calling, please have your Account Number or phone number, including area code, ready for the consultant.

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Thank you