

Avaya P133F2

Quick Start Guide



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AVAYA

Unpack

Check the package contents for the following:

- ❗ If any items are missing or damaged, contact your supplier.

Equipment

- One Avaya P130 Workgroup Switch
- One AC power cable
- One RJ-45 to DB-9 serial adapter cable
- Four rubber feet
- Four screws with washers for rack mounting
- ❗ Ethernet connection cables are not supplied

Documentation

- Avaya P130 Quick Start Guide (this document)
- Avaya P130 Release Notes
- Avaya P130 Documentation and Utilities CD (see detail below)
- Avaya Warranty and License Agreement

Avaya P130 Documentation and Utilities CD

The CD contains the latest Technical Documentation for the Avaya P130 Workgroup switches and files for use with the Embedded Web Manager.

Technical Documentation

You can view and print the Technical Documentation using Adobe® Acrobat® Reader.

- Avaya P130 User's Guide
- Avaya P130 Device Manager

Auxiliary Files for use with the Embedded Web Manager

Please refer to the documentation for information on how to use these files.

- Java plug-in
- Help files

Adobe Acrobat Reader

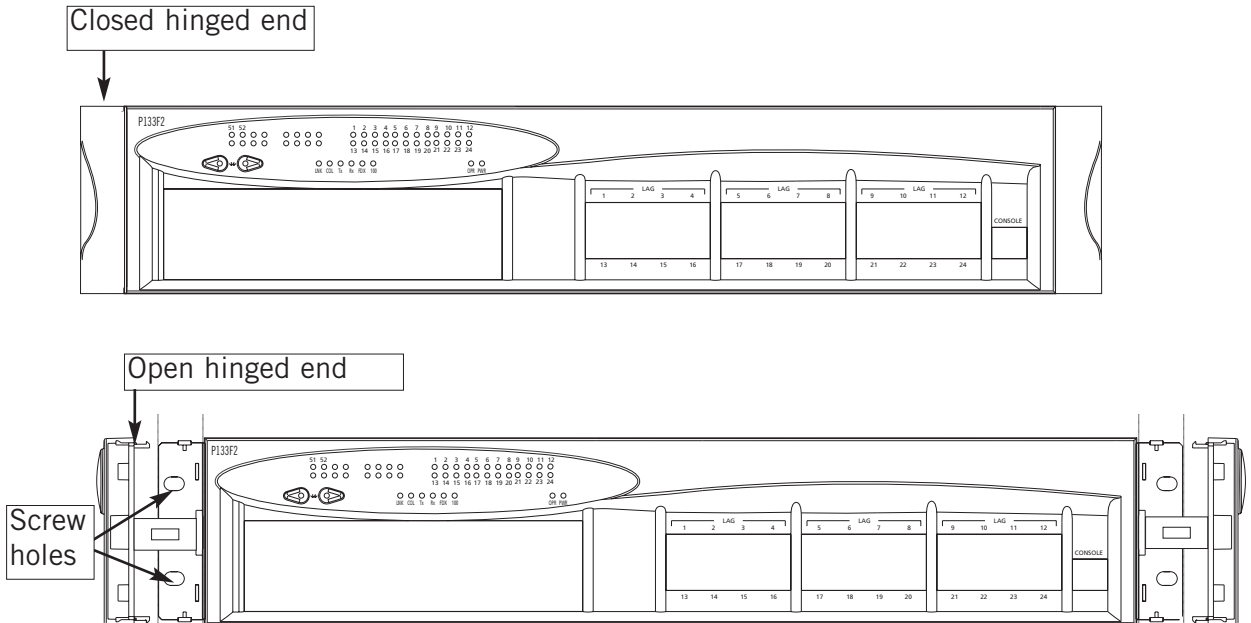
Use this application to view and print the User's Guides on this CD.

Rack mount (optional)



WARNING: Disconnect all cables from the unit before proceeding with the rack installation.

1. Snap open the hinged ends of the unit's front panel to reveal the screw holes.

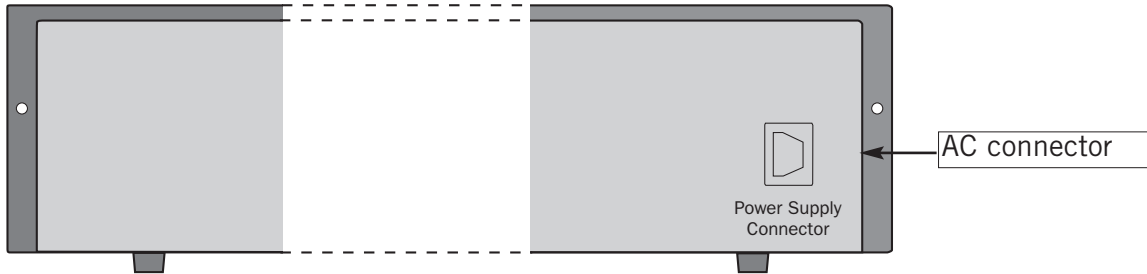


2. Position the unit in the rack.
3. Secure the unit to the rack, taking care not to overtighten the screws.
4. Snap closed the hinged ends of the front panel.
 - ⓘ You can now safely connect the cables to the unit.

Power up

Avaya P130

1. Insert the power cord into the power connector (BUPS or Power Supply) on the rear of the unit.



2. Insert the other end of the power cord into the electricity supply.

3

Connect the cables

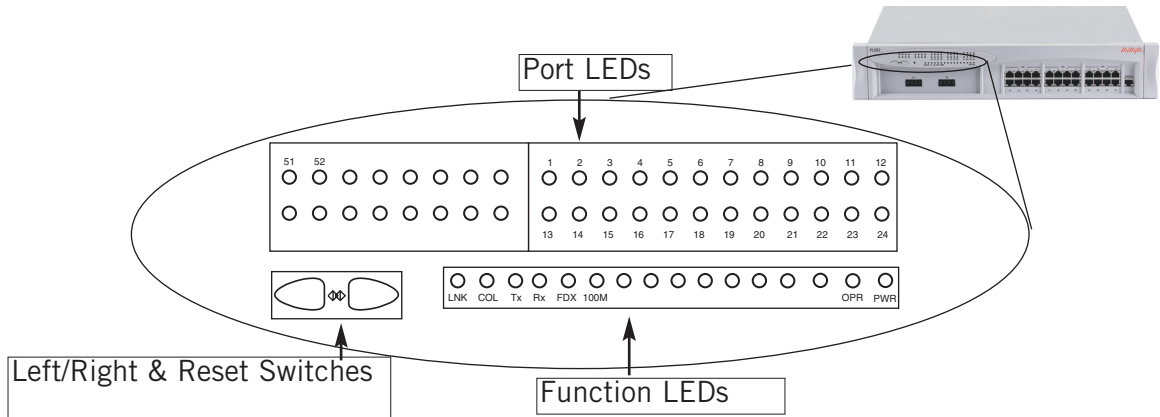
Connect PCs, servers, routers, workstations, and hubs

1. Connect the Ethernet connection cable (not supplied) to a 10/100 Mbps port on the front panel of the P130.
 - ⓘ You should use standard RJ-45 connections. You must use CAT-5 cable for 100 Mbps operation.
2. Connect the other end of the cable to the Ethernet port of the PC, server, router, workstation, switch or hub.
 - ⓘ Use a cross cable when connecting the P130 to a switch or hub.
3. Check that the appropriate link (LNK) LEDs light up.

Connect the console cable

1. Configure the serial port settings of the PC or terminal as follows: Baud Rate – 9600, Parity – no, Data bits – 8, Stop bits – 1, Flow control – no.
2. Connect the supplied special RJ-45 connector to the port marked “Console” on the front panel of the P130.
3. Connect the other end of the cable to a terminal or PC with terminal emulation software installed.
 - ▶ The unit powers up and performs a self test procedure. The OPR AND PWR LEDs are on after the self-test procedure is completed successfully.

Avaya P133F2 LEDs



LNK – When ON, link is OK

COL – When ON, indicates a collision on the line

Tx, Rx – Shows traffic activity for transmitted and received packets

FDX – When ON, indicates Full Duplex mode.
When OFF, indicates Half Duplex mode.

100M – When ON, indicates port speed of 100 Mbps. When OFF, indicates port speed of 10 Mbps.

OPR – Shows CPU boot and BIT status

PWR – Shows power ON/OFF

Basic configuration

To connect a PC terminal or VT-100 terminal to the Avaya P130

1. If you are using a PC, initiate a VT-100 terminal emulation session using an application such as Windows® HyperTerminal.
2. Press Enter.
 - ▶ The `Welcome to Avaya P130` menu is displayed.
3. Type the User name `root` when prompted and press Enter.
4. Type the default password `root` when prompted and press Enter.
 - ▶ The `P130-1(super)#` prompt appears.

Assigning the Stack IP Address

① Commands are shown as follows: `set interface inband;`
parameters which you need to enter are shown in `<>` as follows: `<vlan>`

1. Type `set interface inband <vlan> <ip_address> <netmask>` replacing `<vlan>`, `<ip_address>` and `<netmask>` with the VLAN, IP address and net mask of the stack and press Enter.
2. Type `reset` and press Enter to reset the stack.
3. After the Reset, perform login again as described above.
 - ▶ The `P130-1(super)#` prompt appears.
4. Type `set ip route <destination> <gateway>`, replacing `<destination>` and `<gateway>` with the destination and gateway IP addresses.
5. Press Enter to save the destination and gateway IP addresses.

Setting the Parameters

If you wish to change the default parameters shown and configure the mandatory parameters, we recommend that you use the Command Line Interface (CLI).

① For further information, please refer to Chapter 6 of the Avaya P130 Documentation.

Default Switch Parameters

Configuration Parameter	Default Setting
P130 IP address	149.49.32.134
Default gateway	0.0.0.0
VLANs	VLAN 1
Spanning tree	Enabled
Bridge priority for Spanning Tree	32768
NTP server IP address	0.0.0.0
Timezone offset	0 hours
Read-only SNMP community string	Public
Read-write SNMP community string	Public
Trap SNMP community string	Public
SNMP retries number	3
SNMP timeout	2000 Seconds
SNMP authentication trap	Disabled
CLI timeout	15 Minutes

Default Port Parameters

Configuration Parameter	Default Setting
Duplex Mode	<ul style="list-style-type: none">• 10/100BaseTX ports: Half duplex• 100BaseFX ports/1000BaseF ports: Full duplex
Speed Mode	<ul style="list-style-type: none">• 10/100BaseTX ports: 10 M• 100BaseFX ports: 100 M• 1000BaseF ports: 1000M
Flow Control	<ul style="list-style-type: none">• Off
Flow Control Advertisement	<ul style="list-style-type: none">• 1000BaseF ports: Off
Autonegotiation	<ul style="list-style-type: none">• 10/100BaseTX ports/1000BaseF ports: Enabled• 100BaseFX ports: Not applicable
Administration State	Enabled
Port VLAN ID	1
Tagging Mode	Clear
Port Priority	0
Spanning Tree Cost	<ul style="list-style-type: none">• 10/100BaseTX ports : 100• 100BaseFX ports: 20• 1000BaseF ports: 4
Spanning Tree Port Priority	80 Hex

Run the Web-Based Manager (optional)

- ① To configure the Avaya P130 you can use the P130 Web-based Manager in addition to using the CLI.

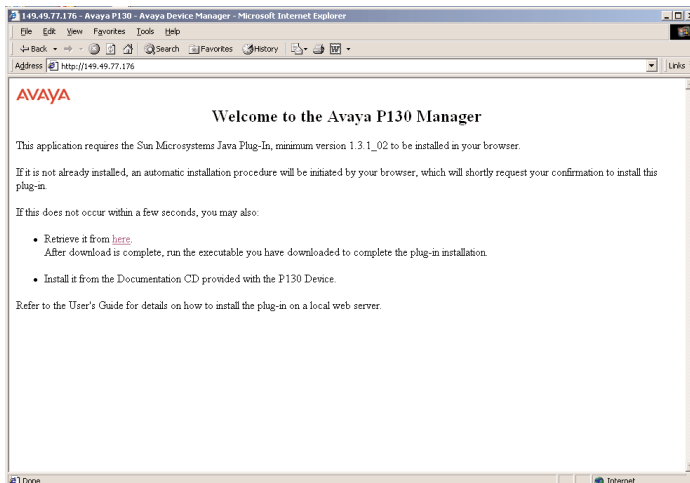
System Requirements

Minimum hardware and Operating System requirements are:

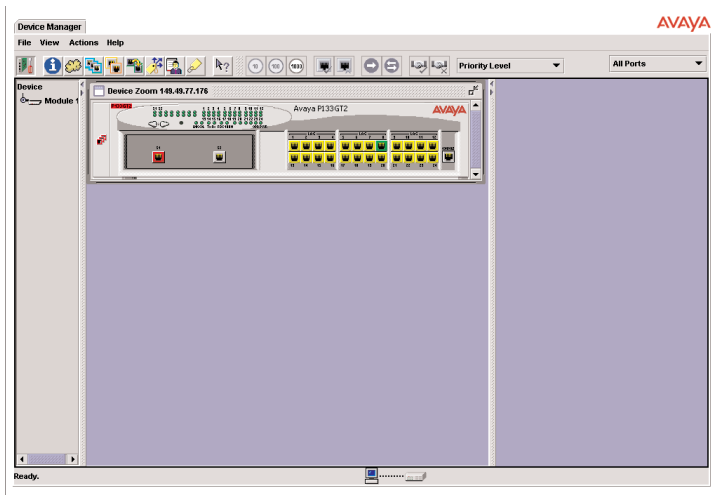
- Windows® 95 or NT® 4.0 or higher
 - Pentium® 200 Mhz-based computer with 64 Mb of RAM (Pentium-II recommended)
 - Minimum screen resolution of 1024 x 768 pixels
 - Microsoft® Internet Explorer® 4 or higher **or** Netscape Navigator® 4.x or higher
 - Sun Microsystems Java™ plug-in (supplied on the “Documentation and Utilities” CD)
- ① Refer to the Release Notes for the exact version of the Java plug-in

Running the Embedded Manager

- ① Assign an IP address to the P130 before starting this procedure.
1. Open your browser.
 2. Enter the URL of the switch in the format `http://aaa.bbb.ccc.ddd`
 - ① `aaa.bbb.ccc.ddd` is the IP address of the switch.
 - ▶ You are prompted to log into the switch.
 - ① The user name is “root”.
The default password for read-write access is “root”.
 - ① The Web management passwords are the same as those of the CLI. If you have created additional CLI user names or changed the default passwords then you can use those passwords for Web management as well.
 - ▶ The welcome page is displayed:



- ▶ If you do not have the Java plug-in installed, follow the instructions on the Welcome page that offers a variety of options to install the plug-in.
- ① If the network manager has configured the system the plug-in should be installed automatically.
 - If the plug-in is not installed automatically, there are three ways to install the plug-in manually:
- **Either** install the plug-in from the “Documentation and Utilities” CD as follows:
 1. Close all unnecessary applications on your PC.
 2. Insert the “Avaya P130 Documentation and Utilities” CD in the CD drive.
 3. Open Windows® Explorer.
 4. Open the embweb-aux-files\ folder on the CD
 5. Double click on the plugin_a_b_c.exe file (a, b and c are the version numbers of the plug-in).
 6. Follow the on-screen instructions.
- **Or** install the plug-in from the Web site by clicking on the link on the welcome page.
- **Or**, if the network manager has placed the files on the local site, install the plug-in from there by clicking the link on the welcome page.
- ▶ If you have the Java plug-in already installed or once you have successfully installed the plug-in as described above, the Web-based manager opens in your browser.



Documentation and Online Help

Refer to the Avaya P130 Documentation and Utilities CD for full instructions



Notes

Contact Information

To contact Avaya technical support:

From the United States:

Please call 1-800-237-0016, press 0, then press 73300.

From outside the United States:

EMEA (Europe, Middle East and Africa). Email: csctechnical@avaya.com

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Ghana	+31 70 414 8044	Norway	+47 235 001 00	UK	+44 0207 5195000
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Japan	+0 120 766 227				

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① For updated information, visit www.avayanetwork.com, and click “Global Support Organization (GSO)”.

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