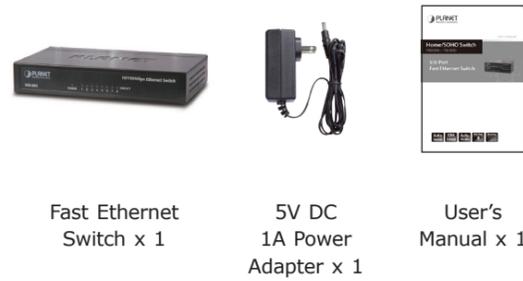


1. Package Contents

Check the contents of your package for the following parts:



Fast Ethernet Switch x 1
5V DC 1A Power Adapter x 1
User's Manual x 1

If any of these are missing or damaged, please contact your dealer immediately; if possible, retain the carton including the original packing material, and use them again to repack the product in case there is a need to return it to us for repair.

- 1 -

3. Switch Front Panel

Figures 3-1 and 3-2 show the front panel of FSD-503 and FSD-803, respectively.

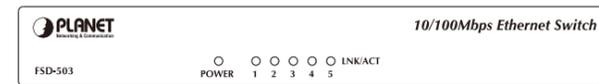


Figure 3-1: FSD-503 Front Panel

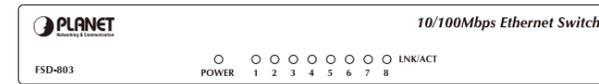


Figure 3-2: FSD-803 Front Panel

- 3 -

5. Switch Rear Panel

Figures 5-1 and 5-2 show the rear panel of FSD-503 and FSD-803, respectively.

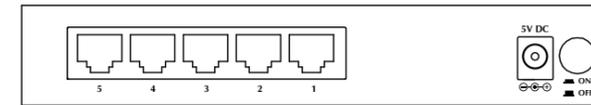


Figure 5-1: FSD-503 Rear Panel

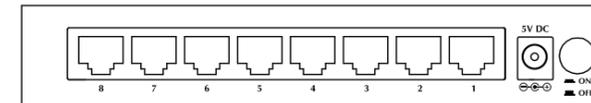
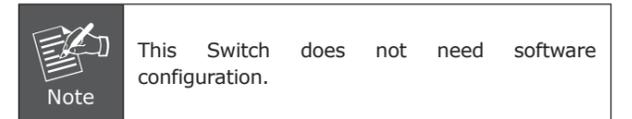


Figure 5-2: FSD-803 Rear Panel

- 5 -

6. Installing the Switch

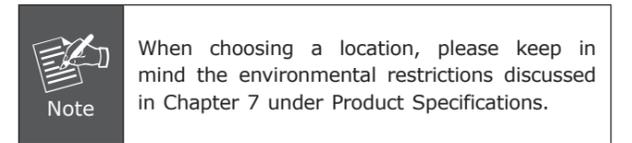
This part describes how to install your Fast Ethernet Switch and make connections to it. Please read the following topics and perform the procedures in the order being presented.



Desktop Installation

To install the Switch on desktop, simply follow the following steps:

- Step 1:** Place the Switch on the desk near a power source.
Step 2: Keep some ventilation space between the Switch and the surrounding objects.



- 7 -

2. Product Features

RJ-45 Interface

- 5/8 10/100Mbps Fast Ethernet ports
- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u 100Base-TX Ethernet standards
- Supports Auto MDI/MDI-X function

Switching

- Hardware based 10/100Mbps, half / full duplex, flow control and auto-negotiation
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE 802.3x flow control for full duplex operation and backpressure for half duplex operation
- Integrated address look-up engine, supporting 2K / 1K absolute MAC addresses (FSD-503 / FSD-803)
- Handles up to 1536bytes packet
- Automatic address learning and address aging
- Supports CSMA/CD protocol

Hardware

- Made from metal, desktop size and wall-mount design
- LED indicators for system power, per port Link / Act
- 5V DC, 1A external power adapter
- One power on/off button for energy saving
- FCC, CE Class B compliant

- 2 -

4. LED Indicators

FSD-503/FSD-803

LED	Color	Function	
PWR	Green	Light	Indicates that the Switch is powered ON.
		OFF	Indicates that the Switch is powered OFF.
Link/ACT	Green	Light	Indicates the link through that port is successfully established at 10/100Mbps.
		Blink	Indicates the Switch is actively sending or receiving data over that port.

- 4 -

Power Notice

1. The device is a power-required device, meaning it will not work till it is powered. If your networks should be active all the time, please consider using UPS (Uninterrupted Power Supply) for your device. It will prevent you from network data loss or network downtime.
2. In some area, installing a surge suppression device may also help to protect your Switch from being damaged by unregulated surge or current to the Switch or the power adapter.

- 6 -

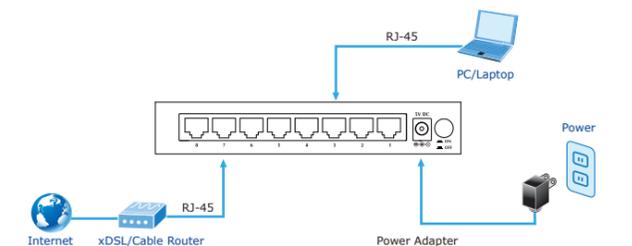
Step 3: Connect your Switch to network devices.

- A.** Connect one end of a standard network cable to the 10/100 RJ-45 ports on the Rear Panel of the Switch.
B. Connect the other end of the cable to the network devices such as printer servers, workstations or routers, etc.

Step 4: Supply power to the Switch.

- A.** Connect one end of the power cable to the Switch.
B. Connect the 5V DC power adapter to a standard wall outlet.

When the Switch receives power, the Power LED should remain solid Green.



- 8 -

7. Product Specifications

Product	FSD-503	FSD-803
Hardware Specifications		
Hardware Version	4	
10/100Base-TX Ports	5 Auto MDI/MDIX ports	8 Auto MDI/MDIX ports
LED Display	One for power, One for Link / ACT Per Port	
Enclosure	Metal	
Dimensions (W x D x H)	155 x 86 x 26mm	
Weight (g)	306g	316g
Power Requirements (External power adapter)	5V DC, 1A	
Power Consumption / Dissipation (Full operation)	2.6 watts / 8.8 BTU	2.6 watts / 8.8 BTU
Switch Specifications		
Switch Processing Scheme	Store-and-Forward	
Address Table	2K	1K
Shared Buffer	Built-in	448k

- 9 -

Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex	
Switch Fabric	1.0Gbps	1.6Gbps
Throughput (packet per second)	0.744Mpps	1.19Mpps
Maximum Packet Size	1536bytes	
Standards Conformance		
Standards Compliance	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Full-duplex Flow Control)	
Regulation Compliance	FCC Part 15 Class B, CE	
Environments		
Temperature	Operating: 0~50 degrees C Storage: -10~70 degrees C	
Humidity	Operating: 5% to 95%, Storage: 5% to 95% (non-condensing)	

- 10 -

8. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource on PLANET web site first to check if it could solve your issue. If you need more support information, please contact PLANET switch support team.

PLANET online FAQ :
<http://www.planet.com.tw/en/support/faq.php?type=1>

Switch support team mail address :
support_switch@planet.com.tw

Copyright © PLANET Technology Corp. 2014.

Contents are subject to revision without prior notice.

PLANET is a registered trademark of PLANET Technology Corp. All other trademarks belong to their respective owners.

- 11 -


EC Declaration of Conformity

For the following equipment:

*Type of Product: 5/8-Port 10/100Mbps Fast Ethernet Switch (Metal)
*Model Number: FSD-503, FSD-803

* Produced by:
Manufacturer's Name : Planet Technology Corp.
Manufacturer's Address: 10F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.).

is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility Directive on (2004/108/EC).
For the evaluation regarding the EMC, the following standards were applied:

EN 55022 EN 61000-3-2 EN 61000-3-3 EN 55024	(2010+AC: 2011) (2006+A1:2009+A2:2009) (2008) (2010)
--	---

Responsible for marking this declaration if the:
 Manufacturer Authorized representative established within the EU
Authorized representative established within the EU (if applicable):
Company Name: Planet Technology Corp.
Company Address: 10F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)
Person responsible for making this declaration
Name, Surname: Kent Kang
Position / Title: Product Manager

Taiwan 5. May, 2014
Place Date


Legal Signature

PLANET TECHNOLOGY CORPORATION
e-mail: sales@planet.com.tw <http://www.planet.com.tw>
10F., No.96, Minquan Rd., Xindian Dist., New Taipei City, Taiwan, R.O.C. Tel:886-2-2219-9518 Fax:886-2-2219-9528



User's Manual

Home/SOHO Switch

FSD-503 / FSD-803

www.PLANET.com.tw

5/8-Port
Fast Ethernet Switch



PLANET Technology Corp.
2351-A33030-000



Energy Saving Note of the Device

This power required device does not support Standby mode operation. For energy saving, please remove the DC-plug or push the hardware Power Switch to OFF position to disconnect the device from the power circuit.

Without removing the DC-plug from or switching off the device, the device will still consume power from the power source. In view of Saving the Energy and reducing the unnecessary power consumption, it is strongly suggested to power off or to remove the DC-plug from the device if this device is not intended to be active.

