

Avaya 1151B1

Avaya 1151B1 VOIP POE Power Supply Injector User Manual

Model: 1151B1

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Avaya 1151B1 VOIP POE Power Supply Injector. This device is designed to provide Power over Ethernet (POE) to compatible Avaya IP Phones, such as the 4600 and 5600 series, ensuring reliable power and data connectivity through a single Ethernet cable.

SAFETY INFORMATION

CAUTION: This device is intended for indoor use only. Do not expose to water or excessive humidity. Ensure the power source meets the specified voltage and frequency requirements to prevent damage or electrical hazards.

PACKAGE CONTENTS

Verify that all items are present in the package upon unboxing:

- Avaya 1151B1 POE Power Supply Injector
- Power Cable



Image: The Avaya 1151B1 POE Power Supply Injector and its accompanying power cable, neatly packaged in a cardboard box. The injector is sealed in a plastic bag.

PRODUCT OVERVIEW

The Avaya 1151B1 is a Power over Ethernet (POE) injector that supplies both power and data to a connected IP phone via a single Ethernet cable. It features standard RJ45 connectors for network and phone connections, along with a power input.



Image: Front view of the Avaya 1151B1 POE Power Supply Injector, showing two RJ45 ports labeled "PHONE" and "LINE", and a "POWER ON" LED indicator.

- **LINE Port:** Connects to your network switch or router. This port receives data from your network.
- **PHONE Port:** Connects to your Avaya IP Phone. This port delivers both data and power to the phone.
- **POWER ON LED:** Illuminates to indicate when the unit is receiving power and is operational.



Image: Detailed label on the Avaya 1151B1 POE Power Supply Injector, displaying model number 1151B1, input specifications (100-240V, 50-60Hz, 500-250mA), and output specifications (+48V, 417mA). Various regulatory compliance marks are also visible.

SETUP AND INSTALLATION

Follow these steps to properly set up your Avaya 1151B1 POE Power Supply Injector:

1. Connect the provided power cable to the power input on the Avaya 1151B1 injector. Then, plug the power cable into a standard electrical outlet. The "POWER ON" LED on the injector should illuminate, indicating it is receiving power.
2. Connect an Ethernet cable from your network switch, router, or wall jack to the **LINE** port on the Avaya 1151B1 injector. This provides the data connection.
3. Connect another Ethernet cable from the **PHONE** port on the injector to the Ethernet port on your compatible Avaya IP Phone (e.g., 4600/5600 series). This cable will deliver both data and power to the phone.
4. Ensure all cable connections are secure and properly seated. Your IP phone should now power on and begin its startup sequence, establishing a network connection.

OPERATING INSTRUCTIONS

Once properly connected and powered, the Avaya 1151B1 operates automatically. The "POWER ON" LED indicates that the unit is functioning correctly and supplying power. The connected IP phone will power on and attempt to establish a network connection, allowing for normal VOIP phone operation.

MAINTENANCE

The Avaya 1151B1 POE Power Supply Injector requires minimal maintenance to ensure optimal performance and longevity:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning. Avoid using liquid cleaners.
- Ensure adequate ventilation around the unit to prevent overheating. Do not block any ventilation openings.
- Avoid exposing the unit to liquids, extreme temperatures, or direct sunlight.
- Regularly check all cable connections to ensure they are secure and undamaged.

TROUBLESHOOTING

If you encounter issues with your Avaya 1151B1 POE Power Supply Injector, refer to the following troubleshooting steps:

- **No Power LED:**
 - Check if the power cable is securely plugged into both the injector and a functional electrical outlet.
 - Test the electrical outlet with another device to confirm it is supplying power.
- **IP Phone Not Powering On:**
 - Ensure the "POWER ON" LED on the injector is illuminated. If not, refer to "No Power LED" troubleshooting.
 - Verify the Ethernet cable connection between the injector's PHONE port and the IP phone is secure and undamaged.
 - Confirm that your IP phone is compatible with POE and the Avaya 1151B1 specifications.
- **No Network Connection on IP Phone:**
 - Verify the Ethernet cable connection between your network switch/router and the injector's LINE port.
 - Ensure your network switch/router is operational and providing network connectivity.
 - Check the Ethernet cable between the injector and the IP phone for damage.

SPECIFICATIONS

Property	Value
Model	1151B1
Manufacturer	Avaya Inc.
Product ID (Comcode)	700227242


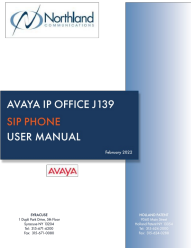


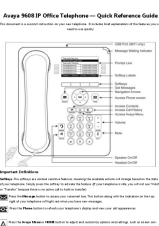
Property	Value
Serial Number	S05R450001948
Input Voltage	100-240 V AC
Input Frequency	50-60 Hz
Input Current	500-250 mA
Output Voltage	+48 V DC
Output Current	417 mA
Output Wattage	20 Watts
Connector Type	RJ45 (D8W modular plug cables)
Item Weight	1.1 pounds (0.5 kg)
Package Dimensions	8.5 x 4.8 x 2.8 inches
Environmental	Indoor Use Only



Image: Product label on the packaging box, indicating "AVAYA Inc. 1151B1", Product ID "700227242", and Serial Number "05R450001948". It also states "ASSEMBLED IN PRC" and "WT: 0.5 KGS".

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Avaya documentation or contact Avaya customer service directly. It is recommended to keep your purchase receipt and the product serial number (S05R450001948) for reference when seeking support.

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 <p>Northland</p> <p>AVAYA IP OFFICE J139 SIP PHONE USER MANUAL</p> <p>© 2008 Avaya Inc. All rights reserved.</p>	<p>Avaya J139 SIP Phone User Manual</p> <p>A comprehensive user manual for the Avaya J139 SIP Phone, detailing its features, functions, and operation. Covers call processing, additional features like call park and do not disturb, user programming for call forwarding and contacts, and settings for personalization.</p>
 <p>AVAYA</p> <p>Using Avaya J159 SIP IP Phone in Avaya Aura®</p> <p>© 2008 Avaya Inc. All rights reserved.</p>	<p>Avaya J159 SIP IP Phone User Guide for Avaya Aura®</p> <p>Comprehensive user manual for the Avaya J159 SIP IP Phone, detailing setup, features, call management, customization, and advanced functionalities within the Avaya Aura® system.</p>
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