

## Avaya 700426224

# Avaya IPO 500 Phone 30 Analog Station Expansion Module User Manual

Model: 700426224

## 1. INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of the Avaya IPO IP500 EXP MOD-PHONE 30 Analog Station Expansion Module (Model 700426224). This module is designed to expand the analog station capacity of your Avaya IP Office 500 phone system. Please read this manual thoroughly before proceeding with installation or configuration to ensure proper functionality and safety.

## 2. PRODUCT OVERVIEW

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The Avaya IPO IP500 EXP MOD-PHONE 30 is an expansion card designed to integrate seamlessly with the Avaya IP Office 500 phone system. It provides 30 additional analog station ports, allowing for the connection of standard analog telephones, fax machines, or modems to the IP Office system.



Figure 2.1: Angled view of the Avaya IPO IP500 EXP MOD-PHONE 30 module, showing the top and front panels with port labels.



Figure 2.2: Front view of the Avaya IPO IP500 EXP MOD-PHONE 30 module, clearly displaying the 30 analog station ports.



Figure 2.3: Rear view of the Avaya IPO IP500 EXP MOD-PHONE 30 module, displaying the power input, serial port, and an Ethernet port.



Figure 2.4: The Avaya IPO IP500 EXP MOD-PHONE 30 module shown with its included power adapter and an Ethernet cable.



Figure 2.5: The brown cardboard packaging box for the Avaya IP Office product, featuring the Avaya logo.

### 3. SETUP

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The Avaya IPO IP500 EXP MOD-PHONE 30 is an internal expansion module for the Avaya IP Office 500 system. Installation should be performed by qualified personnel.

## 3.1 Safety Precautions

- Ensure the Avaya IP Office 500 system is powered off and disconnected from all power sources before installation.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle the module by its edges; avoid touching circuit board components.

## 3.2 Installation Steps

1. Carefully open the chassis of the Avaya IP Office 500 control unit according to its specific service manual.
2. Locate an available expansion slot within the IP Office 500 unit.
3. Align the Avaya IPO IP500 EXP MOD-PHONE 30 module with the expansion slot and gently press it into place until it is securely seated.
4. Secure the module with any retaining clips or screws provided by the IP Office 500 chassis design.
5. Close the IP Office 500 chassis.
6. Connect the provided power adapter to the module's power input port (refer to Figure 2.3) and then to a suitable power outlet.
7. Connect analog telephones, fax machines, or modems to the 30 analog station ports on the front of the module using standard RJ11 cables.
8. Power on the Avaya IP Office 500 system.

## 3.3 Initial Configuration

After physical installation, the module will need to be configured within the Avaya IP Office 500 system software. Refer to the Avaya IP Office 500 System Administrator Guide for detailed instructions on detecting new hardware, assigning extensions, and configuring analog station settings.

# 4. OPERATING INSTRUCTIONS

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The Avaya IPO IP500 EXP MOD-PHONE 30 is an expansion module that provides connectivity for analog devices. Its operation is integrated into the overall Avaya IP Office 500 phone system. Once installed and configured, the connected analog devices will function as extensions of the IP Office system.

## 4.1 Analog Device Functionality

- **Making Calls:** Use the connected analog telephone as usual to dial internal or external numbers.
- **Receiving Calls:** Incoming calls to the assigned extension will ring on the connected analog telephone.
- **Fax Machines:** Connected fax machines will send and receive faxes according to their configuration within the IP Office system.

For advanced features, call handling, and specific dialing instructions, consult the user guide for your Avaya IP Office 500 system and the documentation for your specific analog telephone model.

# 5. MAINTENANCE

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The Avaya IPO IP500 EXP MOD-PHONE 30 module requires minimal maintenance. Adhering to the following guidelines will help ensure its longevity and reliable performance.

## 5.1 Cleaning

- Ensure the IP Office 500 system is powered off before cleaning.
- Use a soft, dry, lint-free cloth to wipe the exterior surfaces of the module.
- Do not use liquid cleaners, aerosol sprays, or harsh chemicals, as these can damage the components.

## 5.2 Environmental Considerations

- Operate the module within the recommended temperature and humidity ranges specified for the Avaya IP Office 500 system.
- Ensure adequate ventilation around the IP Office 500 unit to prevent overheating.
- Keep the module and the IP Office system away from direct sunlight, heat sources, and excessive dust.

## 6. TROUBLESHOOTING

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If you encounter issues with the Avaya IPO IP500 EXP MOD-PHONE 30 module, consider the following basic troubleshooting steps.

### 6.1 No Dial Tone on Analog Phone

- **Check Power:** Ensure the Avaya IP Office 500 system is powered on and the module's power adapter is securely connected.
- **Check Connections:** Verify that the analog telephone is correctly plugged into one of the module's analog station ports.
- **System Configuration:** Confirm that the analog station is properly configured and enabled within the Avaya IP Office 500 system software.

### 6.2 Module Not Detected by IP Office System

- **Reseat Module:** Power off the IP Office 500 system, open the chassis, and carefully reseat the expansion module to ensure it is fully connected to the expansion slot.
- **Firmware Compatibility:** Ensure the IP Office 500 system's firmware is compatible with the expansion module. Consult Avaya documentation for compatibility matrices.

For more complex issues, refer to the Avaya IP Office 500 System Administrator Guide or contact Avaya technical support.

## 7. SPECIFICATIONS

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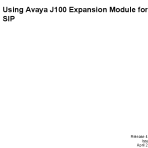

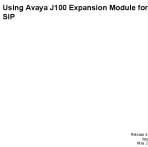




Feature	Specification
Brand	Avaya
Model	700426224
Product Type	Analog Station Expansion Module
Compatible Devices	Avaya IP Office 500 phone system
Analog Ports	30
Power Source Type	Corded Electric
Dimensions (L x W x H)	54.86 x 30.99 x 10.67 cm (21.6 x 12.2 x 4.2 inches)
Item Weight	3.4 kg (7.5 lbs)
Recording Capacity	30 Minutes (System-dependent)
Answering System Type	Digital (System-dependent)

Feature	Specification
Conference Call Capability	Basic (System-dependent)

## 8. WARRANTY AND SUPPORT

Specific warranty details for the Avaya IPO IP500 EXP MOD-PHONE 30 (Model 700426224) are not provided within this document. For information regarding product warranty, technical support, and service options, please refer to the official Avaya website or contact your authorized Avaya reseller. It is recommended to register your product with Avaya to ensure access to the latest support resources and updates.

### Related Documents - 700426224

  	<a href="#">Using Avaya J100 Expansion Module for SIP - Avaya Product Guide</a> Comprehensive guide to using the Avaya J100 Expansion Module for SIP, covering setup, features, settings, and troubleshooting. Learn how to enhance your Avaya IP phone experience with this module.
  	<a href="#">Avaya J100 Expansion Module for SIP: User Guide</a> This guide provides comprehensive information on using the Avaya J100 Expansion Module for SIP, covering its overview, call operations, settings customization, troubleshooting, and resources for Avaya IP phone users.
  	<a href="#">Using Avaya J100 Expansion Module User Guide</a> Comprehensive guide to using the Avaya J100 Expansion Module with Avaya J169 and J179 IP Phones, covering setup, features, customization, troubleshooting, and resources.
  	<a href="#">Avaya J100 Expansion Module H.323 User Guide</a> This guide provides an overview of features, setup procedures, and operational instructions for the Avaya J100 Expansion Module H.323, enhancing Avaya IP phone functionality.



### Using Avaya J100 Expansion Module for SIP

Release 5.2.14  
Issue 4  
October 2022

## Using Avaya J100 Expansion Module for SIP

This user guide provides comprehensive information on setting up, operating, and troubleshooting the Avaya J100 Expansion Module for SIP, enhancing Avaya IP phone functionality. Learn about its features, call operations, settings, and support resources.



Application Notes for Configuring Bell Canada SIP Trunking  
with Avaya IP Office Release 11.0 using UDP/RTP - Issue 1.0

## Abstract

These Application Notes describe the procedures for configuring System Resource Protocol (SRP) Testing between two providers: Bell Canada and Arpa Systems Inc. (ASIS).

**Bell Canada SRP Testing:** System resource tests (SRTs) use a SRP link between the computer and the Bell Canada router, as an alternative to tape testing or digital media. This system is generally used to test new or existing systems.

**Results:** After the test is complete, the SRP link is removed from the system. The results of the test are stored in the system's log files. The results of the test are not automatically stored in the system's log files.

**Bell Canada is a member of the Arpa/Comcast System Resource Provider group.** Information on their Application Notes has been obtained from Arpa/Comcast compliance testing and additional technical documents. Testing was conducted in the Bell Canada Program at the Arpa/Comcast and Interoperability Test Lab.

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## Avaya IP Office SIP Trunking Configuration with Bell Canada

Detailed application notes and configuration procedures for integrating Avaya IP Office Release 11.0 with Bell Canada's SIP Trunking service using UDP/RTP, covering testing and setup.