

FLYINGVOICE FTA5120

FLYINGVOICE FTA5120 2 FXO VoIP Adapter User Manual

Model: FTA5120 | Brand: FLYINGVOICE

1. INTRODUCTION

The FLYINGVOICE FTA5120 is a high-performance 2 FXO VoIP adapter designed to provide reliable voice communication and data connectivity. This device integrates multiple functions, including support for two Public Switched Telephone Network (PSTN) lines, high-performance Network Address Translation (NAT) routing, and the ability to function as a small network switch.

Key features include:

- **2 FXO Ports:** Connects to two PSTN lines for traditional telephone services.
- **High-Performance NAT Routing:** Manages network traffic efficiently.
- **Small Switch Functionality:** Provides internal Internet access for connected devices.
- **Caller Identification (SAS):** Supports call type identification to manage toll calls.
- **Stand-alone Operation:** Functions independently without requiring a PC for internal calls.
- **Broad Compatibility:** Based on SIP V2 protocol, ensuring compatibility with most service providers.
- **Easy Management:** Equipped with advanced management protocols such as SNMP and TR069 for unified deployment and centralized management.

All-in-one Adapter



Figure 1: The FLYINGVOICE FTA5120 functions as an all-in-one adapter, supporting PSTN calls and network routing.

Stand-alone Device



Figure 2: The FTA5120 operates as a stand-alone device, enabling convenient and flexible Internet calls without a connected PC.

2. SETUP GUIDE

Follow these steps to set up your FTA5120 VoIP adapter:

1. **Connect Power:** Connect the provided power adapter to the DC 12V/1A port on the rear panel of the FTA5120 and plug it into a power outlet. The Power LED on the front panel should illuminate.
2. **Connect to Network (WAN):** Connect an Ethernet cable from your broadband modem or router to the blue WAN port on the FTA5120. The WAN LED should light up, indicating network activity.
3. **Connect to Local Network (LAN):** If you wish to connect local devices (e.g., computers, switches) to the FTA5120 for Internet access, use Ethernet cables to connect them to the yellow LAN1 or LAN2 ports. The corresponding LAN LEDs will indicate activity.
4. **Connect to PSTN Lines (FXO):** Connect your analog telephone lines (from your telephone wall jacks) to the

FXO1 and FXO2 ports on the FTA5120. These ports allow the adapter to interface with traditional phone services.

5. **Initial Configuration:** Access the device's web-based management interface by typing its IP address into a web browser on a computer connected to the LAN port. Refer to the device's default IP address and login credentials provided in the separate Quick Installation Guide or on the device label.



Figure 3: Rear panel of the FTA5120 showing FXO1, FXO2, WAN, LAN1, LAN2, RST, and DC 12V/1A ports.

3. OPERATING INSTRUCTIONS

Once the FTA5120 is set up and configured, you can begin using its features:

- **Making and Receiving Calls:** The FTA5120 allows you to make and receive calls over your connected PSTN lines. Ensure your analog phones are connected to the appropriate FXS ports (if available on a different model, this model has FXO for PSTN connection).
- **Caller Identification (SAS):** The device supports SAS (Stand-Alone Survivability) and call type identification. This feature can identify toll calls, and with proper configuration, internal lines can be prevented from receiving charged calls. This enhances call management and cost control.
- **NAT Routing:** The high-performance NAT routing function enables efficient management of network traffic, ensuring smooth data flow for all connected devices.
- **Small Switch Functionality:** Utilize the LAN ports to connect multiple devices to your network, effectively expanding your local network capabilities.
- **SIP V2 Compatibility:** The FTA5120 is compatible with most SIP V2 service providers, offering flexibility in choosing your VoIP service.

Caller Identification



Figure 4: The FTA5120's caller identification feature, including SAS, helps manage incoming calls.

Broad Compatibility



SIP V2

Figure 5: The FTA5120 supports SIP V2 for broad compatibility with VoIP service providers.

Easy Management



Figure 6: The FTA5120 features easy management through TR069 and SNMP protocols.

4. MAINTENANCE

To ensure the longevity and optimal performance of your FTA5120 adapter, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block the ventilation slots.
- **Firmware Updates:** Periodically check the FLYINGVOICE official website for firmware updates. Keeping the firmware updated can improve performance, add new features, and enhance security.
- **Environmental Conditions:** Operate the device within recommended temperature and humidity ranges. Avoid exposure to extreme temperatures, direct sunlight, or moisture.

5. TROUBLESHOOTING

If you encounter issues with your FTA5120, try the following troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to the device and a working power outlet.

- Verify the power outlet is functional.

- **No Network Connectivity:**

- Check that Ethernet cables are securely connected to the WAN and LAN ports.
- Verify your modem/router is working correctly and providing Internet access.
- Restart the FTA5120 by unplugging and re-plugging the power adapter.

- **Cannot Make/Receive Calls:**

- Ensure PSTN lines are properly connected to the FXO ports.
- Verify your VoIP service provider settings are correctly configured in the device's web interface.
- Check the status of the FXO LEDs on the device.

- **Device Reset:** If issues persist, you may need to reset the device to factory defaults.

- Locate the RST button on the rear panel (often a small pinhole).
- With the device powered on, use a paperclip or similar pointed object to press and hold the RST button for approximately 5-10 seconds until the LEDs flash.
- *Warning:* Resetting the device will erase all custom configurations. You will need to reconfigure it after a reset.

6. SPECIFICATIONS

Feature	Detail
Model Number	FTA5120
Product Dimensions	4.72 x 3.15 x 1.26 inches
Item Weight	14.4 ounces
Hardware Interface	Ethernet
Color	Black
Data Link Protocol	Ethernet
Manufacturer	FLYINGVOICE

7. PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Video 1: An introduction to the FLYINGVOICE FTA5120 High-performance 2 FXO VoIP Adapter, highlighting its features and connectivity options.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official FLYINGVOICE website. Contact information for customer service is typically available on the manufacturer's support pages.

