

FLYINGVOICE FTA5111

FLYINGVOICE FTA5111 Analog Telephone Adapter User Manual

Model: FTA5111

1. INTRODUCTION

The FLYINGVOICE FTA5111 is an Analog Telephone Adapter (ATA) designed to bridge traditional analog communication devices with modern Voice over IP (VoIP) networks. It features one FXS port for connecting an analog phone and one FXO port for integrating with the Public Switched Telephone Network (PSTN). This device ensures high-quality voice communication, offers stand-alone survivability (SAS) for emergency situations, and supports advanced SIP V2 protocol for broad compatibility.

Key features include:

- Seamless Analog to VoIP Conversion with 1 FXS port and 1 SIP line.
- PSTN Connectivity with 1 FXO port for failover and traditional line access.
- Stand-Alone Survivability (SAS) for uninterrupted communication during network failures.
- Advanced SIP V2 Protocol for enhanced compatibility with VoIP service providers and PBX systems.
- Effortless Installation & Easy Integration with auto-provisioning and remote management.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your vendor.

- FLYINGVOICE FTA5111 Analog Telephone Adapter
- Power Adapter
- RJ11 Cable (x2)
- RJ45 Ethernet Cable
- Quick Installation Guide

Easy Management



Image: Contents of the FTA5111 product package.

3. PHYSICAL OVERVIEW

The FTA5111 features a compact design with clearly labeled ports and LED indicators for easy setup and monitoring.

3.1 Front Panel Indicators



Image: Front panel of the FTA5111 with LED status indicators.

- **FXO:** Indicates status of the FXO port connection.
- **FXS:** Indicates status of the FXS port connection.
- **WAN:** Indicates status of the Wide Area Network connection.
- **LAN1/LAN2:** Indicate status of the Local Area Network connections.
- **PWR:** Indicates power status.

3.2 Rear Panel Ports

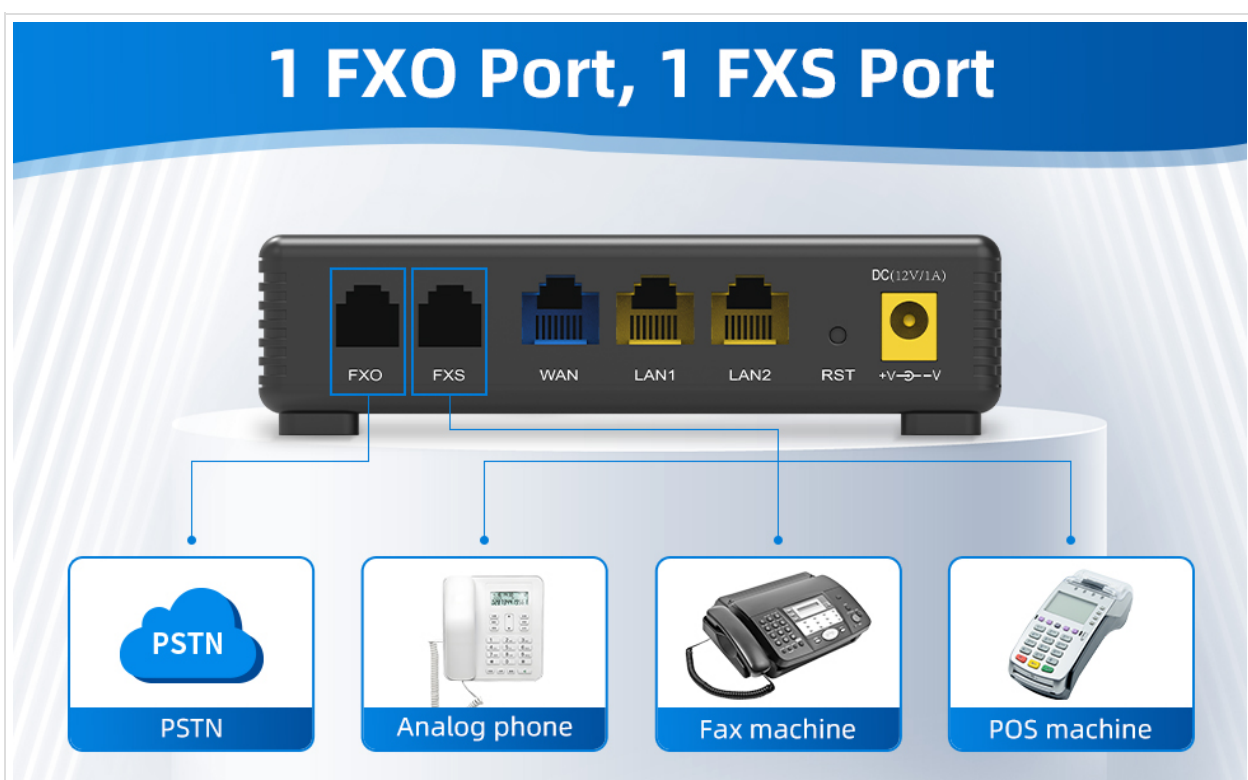


Image: Rear panel of the FTA5111 detailing the FXO, FXS, WAN, LAN, Reset, and Power ports.

- **FXO Port:** Connects to the Public Switched Telephone Network (PSTN) line. Compatible with analog phones, fax machines, and POS machines.
- **FXS Port:** Connects to an analog telephone or fax machine.
- **WAN Port:** Connects to your internet router or modem for VoIP service.
- **LAN1/LAN2 Ports:** Connect to local network devices such as computers, printers, or IPTV.
- **RST Button:** Reset button (use a paperclip to press and hold for factory reset).
- **DC(12V/1A) Port:** Power input for the device.

4. SETUP GUIDE

Follow these steps to set up your FLYINGVOICE FTA5111 Analog Telephone Adapter.

1. **Connect Power:** Plug the provided power adapter into the DC(12V/1A) port on the rear of the FTA5111 and then into a power outlet. The PWR LED on the front panel should illuminate.
2. **Connect to Network (WAN):** Use an RJ45 Ethernet cable to connect the WAN port of the FTA5111 to your internet router or modem. The WAN LED should illuminate and may blink to indicate activity.
3. **Connect Analog Phone (FXS):** Connect your analog telephone or fax machine to the FXS port using an RJ11 cable. The FXS LED should illuminate.
4. **Connect to PSTN (FXO - Optional):** If you wish to integrate with a traditional telephone line, connect your PSTN line to the FXO port using an RJ11 cable. The FXO LED should illuminate.
5. **Connect Local Devices (LAN - Optional):** Use RJ45 Ethernet cables to connect computers, printers, or other network devices to the LAN1 and LAN2 ports. The corresponding LAN LEDs should illuminate.
6. **Configuration:** Access the device's web-based management interface via a web browser by entering the device's IP address (refer to the Quick Installation Guide for default IP or how to find it). Log in with the default credentials to configure VoIP accounts, network settings, and other advanced features.

5. OPERATING INSTRUCTIONS

5.1 Basic Call Functions

- **Making a Call:** Pick up the analog phone connected to the FXS port. You should hear a dial tone. Dial the desired number and wait for the connection.
- **Receiving a Call:** When the analog phone rings, pick up the handset to answer the call.
- **Ending a Call:** Hang up the handset.

5.2 Three-Way Audio Conference

The FTA5111 supports basic three-way audio conferencing. Consult your VoIP service provider or the device's web interface settings for specific dialing sequences or feature codes to initiate a conference call.

Three-Way Audio Conference



Image: Visual representation of a three-way audio conference facilitated by the FTA5111.

5.3 Fax Over IP (T.38 and T.30)

The FTA5111 supports T.38 and T.30 fax protocols, allowing you to send and receive faxes over your VoIP network using a traditional fax machine connected to the FXS port. Ensure your VoIP service provider supports T.38 for optimal fax transmission.



FTA5111



RJ11 cable x2



Quick installation guide



Power adapter



RJ45 Ethernet cable

Image: FTA5111 enabling fax over IP functionality.

5.4 Stand-Alone Survivability (SAS)

In the event of a VoIP network failure, the FTA5111's SAS feature allows it to function as an independent voice switch. It can assign up to 50 extension numbers, ensuring internal calls, emergency dialing, and key business communications remain operational. This feature is crucial for maintaining communication continuity.

Stand Alone Survivability



Image: How the FTA5111 provides Stand-Alone Survivability.

6. MAINTENANCE

To ensure optimal performance and longevity of your FTA5111, consider the following maintenance guidelines:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to remove dust. Avoid using liquid cleaners.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block ventilation slots.
- **Firmware Updates:** Periodically check the FLYINGVOICE website for firmware updates. Keeping the firmware updated can improve performance, add new features, and enhance security. Firmware updates can typically be performed via the device's web management interface.
- **Power Cycle:** If the device is experiencing minor issues, a simple power cycle (unplugging and replugging the power adapter) can often resolve them.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your FTA5111.

7.1 No Dial Tone

- **Check Power:** Ensure the power adapter is securely connected and the PWR LED is illuminated.
- **Check FXS Connection:** Verify that the analog phone is correctly plugged into the FXS port and the FXS LED is on.
- **Network Connectivity:** Ensure the WAN port is connected to your router/modem and the WAN LED is active. Check your internet connection.
- **VoIP Registration:** Log into the web interface to confirm that your VoIP account is registered successfully.

7.2 Cannot Make/Receive Calls

- **VoIP Account Status:** Verify that your VoIP account is active and registered in the device's web interface.
- **Network Firewall:** Ensure your network firewall is not blocking VoIP traffic (SIP ports, RTP ports).
- **PSTN Line (if applicable):** If using the FXO port, ensure the PSTN line is active and connected properly.
- **Dialing Plan:** Check the dialing plan configuration in the web interface to ensure correct number routing.

7.3 Poor Call Quality (Echo, Jitter)

- **Internet Bandwidth:** Ensure you have sufficient internet bandwidth for VoIP calls.
- **Network Congestion:** Reduce other network activities that might consume bandwidth.
- **QoS Settings:** Configure Quality of Service (QoS) settings on your router and the FTA5111 (if available) to prioritize voice traffic.
- **Codec Settings:** Experiment with different audio codecs in the device's web interface if supported by your VoIP provider.

7.4 Device Not Accessible via Web Interface

- **IP Address:** Confirm you are using the correct IP address for the device. You might need to check your router's DHCP client list.
- **Network Connection:** Ensure your computer is connected to the same local network as the FTA5111 (via LAN port or the same router).
- **Firewall:** Temporarily disable your computer's firewall to rule it out as a cause.
- **Reset:** If all else fails, perform a factory reset by pressing and holding the RST button for 5-10 seconds. Note that this will erase all configurations.

8. SPECIFICATIONS

Feature	Detail
Brand	FLYINGVOICE
Model Number	FTA5111
Package Dimensions	7.87 x 5.91 x 2.36 inches
Color	Black
Material	Plastic
Power Source	AC adapter
Telephone Type	Corded (for connected analog phones)

Feature	Detail
Compatible Devices	Analog phone, Fax, IP TV, PSTN
Conference Call Capability	Basic (3-way)
Multiline Operation	Single-Line Operation
Caller Identification	No (device does not provide, depends on connected phone/service)

9. WARRANTY INFORMATION

FLYINGVOICE products are typically covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official FLYINGVOICE website for detailed warranty terms and conditions.

Extended protection plans may also be available for purchase. For more information on additional protection, please refer to the options provided by your retailer, such as the [3-Year Protection Plan](#) or [4-Year Protection Plan](#) offered on Amazon.

10. SUPPORT




For further assistance, technical support, or to access additional resources, please visit the official FLYINGVOICE website or their brand store:

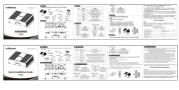


- **FLYINGVOICE Brand Store:** <https://www.amazon.com/stores/FLYINGVOICE/page/F0B2FDB3-38D4-49B5-87D3-1B0FE9D39EF0>

You may also consult the Quick Installation Guide included in your package for initial setup instructions.

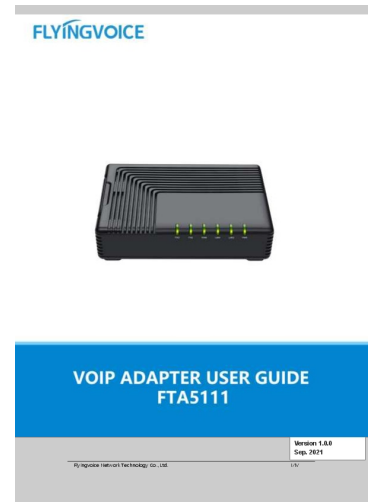
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Related Documents - FTA5111

	<p>Flyingvoice FTA5102 E2 Quick Installation Guide</p> <p>Concise guide for installing and configuring the Flyingvoice FTA5102 E2 Analog Telephone Adapter (ATA), covering packaging, setup, network configuration, and phone registration.</p>
	<p>FLYINGVOICE FTA5120 VoIP Adapter Quick Installation Guide</p> <p>A concise guide for installing and configuring the FLYINGVOICE FTA5120 VoIP Adapter, detailing network setup, SIP registration, and call routing options for seamless communication.</p>
<p>FLYINGVOICE</p>  <p>User Manual FTA5102E2/FTA5101</p>	<p>FlyingVoice FTA5102E2/FTA5101 VoIP ATA User Manual: Configuration & Troubleshooting</p> <p>Official user manual for FlyingVoice FTA5102E2 and FTA5101 VoIP ATAs. Covers setup, web interface, SIP configuration, IPv6, and troubleshooting for reliable internet calling.</p>

	<p>Flyingvoice PR08 Quick Installation Guide</p> <p>Comprehensive guide for installing and configuring the Flyingvoice PR08 network device, including packing details, port functions, indicator lights, installation methods, basic setup, and warranty information.</p>
	<p>Flyingvoice P23G/P23GW: Feature-Rich Business IP Phone with HD Voice and Wi-Fi</p> <p>Discover the Flyingvoice P23G/P23GW, a versatile business IP phone featuring a 2.8-inch color screen, HD voice, dual-band Wi-Fi (P23GW), Gigabit Ethernet, and USB connectivity for enhanced office collaboration.</p>
	<p>Flyingvoice EHS10 Wireless Headset Adapter User Guide</p> <p>User guide for the Flyingvoice EHS10 Wireless Headset Adapter, detailing its introduction, package contents, hardware description, cord descriptions, and connection instructions for various IP phones and wireless headsets.</p>

Documents - FLYINGVOICE – FTA5111



[\[pdf\]](#) User Manual

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Flyingvoice Network Technology Co., Ltd. Version 1.0.0 Sep. 2021 I/IV Copyright Copyright Flying ... k Warning Statement This risk warning statement contains a summary of external network servers that **FTA5111** will access under its factory settings in order to obtain necessary service support. If you ...

lang:en score:47 filesize: 1.84 M page_count: 83 document date: 2021-10-28

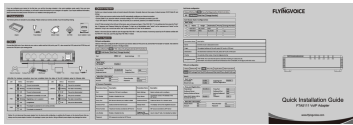


[\[pdf\]](#) Datasheet

FTA5111 Datasheet 1 FXS FXO VoIP Adapter FLYINGVOICE is integrated with switching and functions With port it can not only provide SIP line for Flyingvoice v1 flyingvoice Uploads Temp 20210325 |||

FTA5111 1 FXS FXO VoIP Adapter **FTA5111** is integrated with switching and VoIP functions. With 1 FXS port and 1 FXO port, it can not only provide 1 SIP line for users to make calls but also make you enjoy PSTN calls. With 2 LAN ports, it can provide a convenient data connection, which is suitable fo...

lang:en score:42 filesize: 74.9 K page_count: 3 document date: 2021-03-25



[\[pdf\]](#) Guide

FTA5111 Untitled Flyingvoice FTA5111 Quick Guide flyingvoice Uploads Temp 20210427 |||

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[\[pdf\]](#) Datasheet

KAP311 Datasheet 601765486a61b flyingvoice Uploads Feb 01 2021 |||

FTA5111 Datasheet 1 FXS/1 FXO Ports VoIP Phone Adapter**FTA5111** Feature Keys

1 FXS Port Lifeline support TR069,SNMP 1 FXO Port Support T.30 T.38 Overview

FTA5111, which has 1 FXS port and 1 FXO port , two LAN ports and one WAN port, is one of the most popular VoIP ATA. This product can not ...

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[\[pdf\]](#) Catalog

FLYINGVOICE VoIP PRODUCT CATALOG Flyingvoice Product Catalog 20221028 flyingvoice Uploads 2023 02 01 |||

FLYINGVOICE VoIP PRODUCT CATALOG www.flyingvoice.com 2020-2022 ABOUT FLYINGVOICE Flyingvoice Net ... hone 1 x USB port, supports file sharing within LAN T.38 and T.30 fax protocols 12 VoIP Adapter **FTA5111** 1 FXS 1 FXO VoIP Adapter 1 x FXS port, 1 x FXO port 3 x 10/100Mbps Ethernet ports TR069...

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[Flyingvoice VoIP Product Catalog 2020-2023](#)

Comprehensive catalog of Flyingvoice VoIP phones, adapters, gateways, and routers, detailing features, specifications, and models for business communication solutions.

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KAP311 1 FXS FXO FTA5111 SIP V2 0 RFC 3261 3262 3263 3264 RFC2543

RFC4028 SDP RFC2327 RTP RTCP RFC1889 RFC1890 60176b5a57c98 cn flyingvoice Uploads 2021

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FTA5111 1 FXS/1 FXO **FTA5111** 1 FXS 1 FXO T.38 T.30 SAS **FTA5111** 1 FXS 1 FXO LAN ATA WAN IP **FTA5111** SIP V2 1 SIP „**FTA5111** FXO PSTN TR069 CPE **FTA5111** , Internet , SIP 8 I/O AV/DC AC 100-240V,50-60Hz DC 12V,1A Linux 2.6.36 3 x RJ45 1 x FXS 1 x...

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