

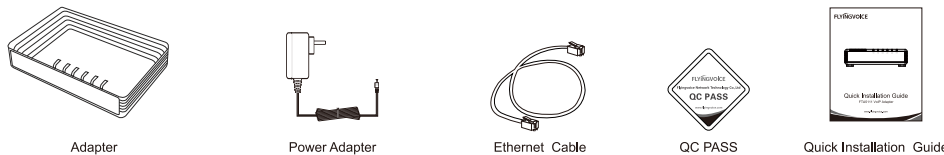
## Quick Installation Guide

FTA5111 VoIP Adapter

If you are configuring your device for the first time, you will find the steps included in this quick installation guide useful. Once you have configured the device with your settings, you will need to reboot the device for your changes to be applied. If you require additional information, please download the latest product manual from our website at [www.flyingvoice.com](http://www.flyingvoice.com).

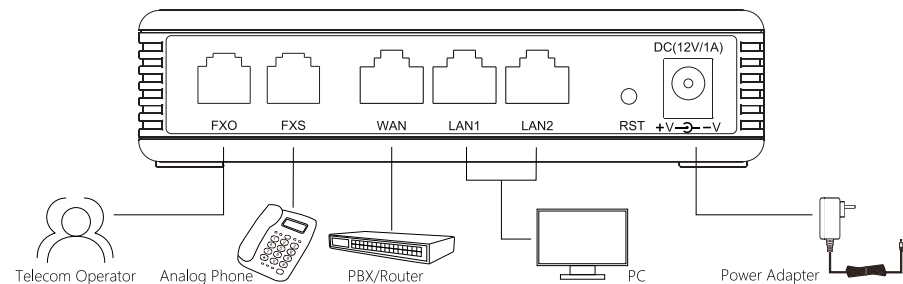
### 1 Packaging Contents

The following items are included in your package. Please contact your service provider, if you find anything missing.



### 2 Start up

Connect the WAN port of your device to your router or switch and the LAN port to your PC., also connect the FXO ports to the PSTN line, and connect the FXS port to your analog phone.



LEDs:After the hardware connections have been completed, check the status of the LED indicators using the following table:

LED	Status	Description	LED	Status	Description
FXO	On	The port is connected	LAN1/2	On	The port is connected
	Blinking	The data is transmitting		Blinking	The data is transmitting
	Off	The port is disconnected		Off	The port is disconnected
FXS	On	Registered successfully or no call	WAN	On	The port is connected
	Blinking	Registering or or in a session		Blinking	The data is transmitting
	Off	Unregistered		Off	The port is disconnected
PWR	On	The adapter is powered on and running normally			
	Off	The adapter is powered off			

### 3 Network Configuration

Confirm your network access mode and record relevant information. Generally, there are three ways of network access: DHCP, Static IP, and PPPoE.

- DHCP is the most common method where the ISP automatically configures your Internet connection.
- Choose "Static" if you know the network connection settings. Fill in the IP parameters provided by your ISP.
- If your ISP uses the PPPoE connection, they will provide you a username, password, and related instructions.

In the PC that connected to the LAN port of the device, open a browser and type in "http://192.168.1.1" in the address bar, then press the "Enter" key. A Username and Password dialog box will appear. To login as an Administrator enter "admin" as the username and "admin" as the password. To log in as a normal user enter "user" as the username and "user" as the password.

Notice: In the event you are unable to open the page <http://192.168.1.1> with your browser, it commonly caused by the IP address conflicts with the WAN IP. In that case, open the page <http://192.168.2.1> instead.

### 4 Phone Registration

#### FXO port configuration

Click the 'FXO' tab to configure the SIP account for your device. Select an FXO port to set, set the field 'Port Enable' to "Enable", then enter the SIP registration parameters as shown in the figure below.



Port:  Batch Settings:

#### Basic

Port Enable:

#### Proxy and Registration

Proxy Server:  Proxy Port:   
 Outbound Server:  Outbound Port:

#### Subscriber Information

Display Name:  Phone Number:   
 Account:  Password:

#### SIP Account Parameters

Parameters Name	Description	Parameters Name	Description
Port	Select an FXO port to configure	Batch Settings	Select multiple ports to configure
Port Enable	Enable or disable the Line	Proxy Server	The domain name or IP address of the SIP server
Proxy Port	SIP Server's Service port, default is 5060	Outbound Server	Outbound Server IP or domain name
Outbound Port	Outbound Server's Service port	Display Name	The display name of the registered account
Phone Number	Telephone Number provided by SIP Server	Account	SIP account provided by SIP Server
Line Enable	Enable or disable the line	Outgoing Call without Registration	Use to make IP calls, it is disabled by default
Password	SIP password provided by SIP Server		

### Call Route configuration

Status Network **FXO** Security Application Administration

SIP Call Route **Dial Plan** Change Number

#### Call Route Basic Configuration

##### Basic Setup

No.	Name	Origin	Distination	Priority	Change Number
1	<input type="checkbox"/> VoIP-PSTN	<input type="text" value="sip_trunk1"/>	<input type="text" value="FXO1"/>	<input type="text" value="0"/>	<input type="text"/>
2	<input type="checkbox"/> PSTN-VoIP	<input type="text" value="FXO1"/>	<input type="text" value="sip_trunk1"/>	<input type="text" value="0"/>	<input type="text" value="601"/>
3	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Parameters Name	Description
Name	Give this router a descriptive name
Origin	The original address of the call, select SIP trunk or FXO port
Destination	The destination address of the call, select SIP trunk or FXO port
Priority	The priority of the router, 0 has the highest priority
Changed Number	VOIP-PSTN: The route that the phone used when making an outbound call. PSTN-VOIP: The inbound call will be forwarded to this number(601 in the figure) with this route.

#### FXS port configuration

Status Network **FXO** **FXS** Security Application Administration

Line 1 SIP Settings VoIP QoS Preferences Dial Rule Phone Book Call Log

#### Basic

##### Basic Setup

Line Enable:  Outgoing Call Without Registration:

##### Proxy and Registration

Proxy Server:  Proxy Port:   
 Outbound Server:  Outbound Port:   
 Backup Outbound Server:  Backup Outbound Port:   
 Allow DHCP Option 120 to Override SIP Server:  Transport:

##### Subscriber Information

Display Name:  Phone Number:   
 Account:  Password:

Notice: Do not disconnect the power adapter from the device while configuring or updating the firmware on the device.Ensure that you always use the power adapter included in the package to power your device. Using a different power adapter may damage the device.