



AT530 Desktop IP Phone

Quick Start Guide

1. Introduction

Thank you for purchasing Waytec AT530 Desktop IP Phone. This Quick Start Guide provides simple instructions for installing and connecting the Waytec AT530 Desktop IP phone on your network.

To learn more about detailed information about AT530 Desktop IP Phone, please read the user manual which comes with the package.

1.1 Overview

AT530 series IP phone is an Internet based voice over IP (VoIP) phone terminal that directly converting analogue voice signal into IP data packet for Internet transport, thus effectively using the existing broadband Internet connection such ADSL, Cable to provide regular telephone (PSTN) quality voice via Internet. It is compatible with SIP protocol, working with most Internet Telephony Service Providers (ITSP).

AT530 has been pre-set with Waytec SIP VoIP Service, and bundled with \$5 worth call credit. The account detail is printed on the bottom side of the box. When the gateway is set up on your network successfully, you can make the VoIP call immediately.

Key Features

- Support two SIP servers running at the same time. (Two SIP Lines)
- Redundancy SIP server capable.
- NAT, Firewall, DHCP client and server.
- Support PPPoE, (used for ADSL, cable modem connecting).
- Support major G7.xxx CODEC.
- VAD,CNG.
- G.165 compliant 16ms echo cancellation
- E.164 dial plan and customized dial rules Hotline.
- Call Forward, Call Transfer, 3-way conference calls, Call ID display
- DND(Do Not Disturb), Black List, Limit List
- Hands-free Speaker phone function

System Requirements

- Broadband Internet connection (ADSL, Cable or Wireless).
- Broadband Modem/Router with one free Ethernet Port (RJ45).
- Broadband Modem/Router has been set up as DHCP server. (Most of the Modem/Router default setting is DHCP Server)

Note: You acknowledge and understand that the VoIP Device and VoIP Service do **NOT** support emergency 000 dialling (in Australia) or access to emergency services in your local country. The VoIP Devices do not function in the event of power failure, or in the event of outage or termination of your VOIP Service provider (VSP) or Internet Service Provider ("ISP").

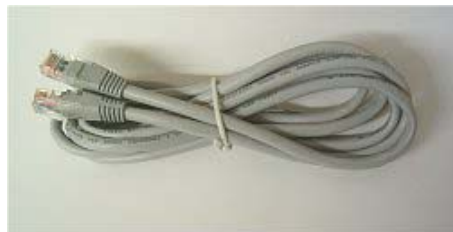
1.2 What is in the package

When you receive your WAYTEC AT530 IP Phone, make sure that your package contains:

- One set of AT530 IP Phone



- One AC/DC Power Adaptor & One Ethernet Cable



- User manual CD

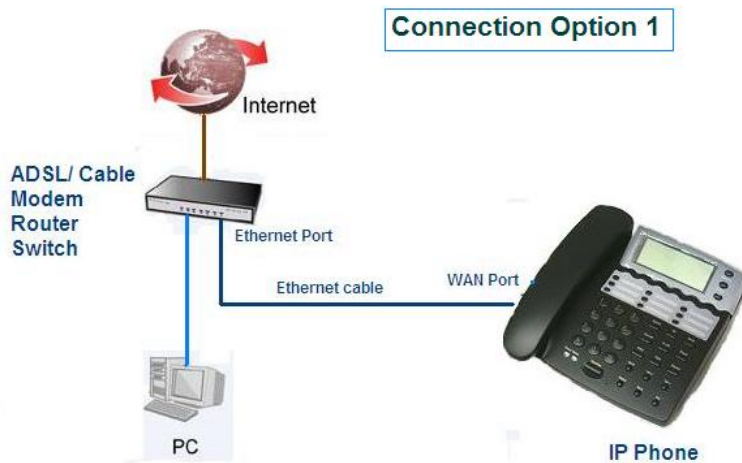


2. Quick Start with Waytec VoIP

To help user getting VoIP up and running quickly, AT530 has been pre-set with Waytec SIP VoIP Service and bundle with \$5 worth call credit. The Waytec account detail is printed on the bottom side of the phone.

2.1 Hardware Installation

- Connect Broadband Modem / Router Ethernet Port to AT530 WAN port with Ethernet Cable.
- Power ON the AT530 with plug in the AD/DC Power Adaptor.
- Wait for few seconds until the “VOIP Phone, Date and Time” display on the LCD screen, you are ready to make call.



1. Connect IP Phone WAN Port to one of Ethernet port on broadband Modem/Router with the Ethernet Cable.

2. Power On the IP Phone with AD/DC adaptor.

3. It is ready for call.



When the phone is connected to your network successfully, it will display VOIP Phone and Date/Time on LCD, you can make the VoIP call and start saving immediately.

AT530 IP Phone is stand-alone VOIP device and works without computer. User can connect computer to the IP Phone LAN Port when user wishes to make the configuration change via Internet Web browser, or to use the phone as an Router for the computer.

2.2 How to make calls

Make calls to Land line / Mobile within Australia – Lift handset or press “Handsfree” button, Just using numeric keypad on the phone to dial out directly, the dial plan is as follows: Area Code + Phone number.

Ex: Make a call to Sydney Australia 96303339, please dial " 0296303339". Call to Australian Mobile phone 0411 123456 please dial "0411 123456".

Make calls to Land line / Mobile in overseas -- Just using numeric keypad on phone to dial out directly, the dial plan is as follows: 0011 + Country Code + Area Code + Phone number.

Ex: Make a call to Shanghai China 96303339, please dial " 0011862196303339". Call to China Mobile phone 1350xxxxxxx please dial "0011861350xxxxxxx “.

2.3 How to check the call records

Visit www.waytec.com.au My account -> Call list, Login as SIP No. 17772xxxxx and your Password. **Your SIP No. and Password is printed on the bottom side of the device.**

2.4 How to top up the account

Visit www.waytec.com.au My account -> Re-charge, for top up the account balance.

3. Quick Set up for the other ITSP

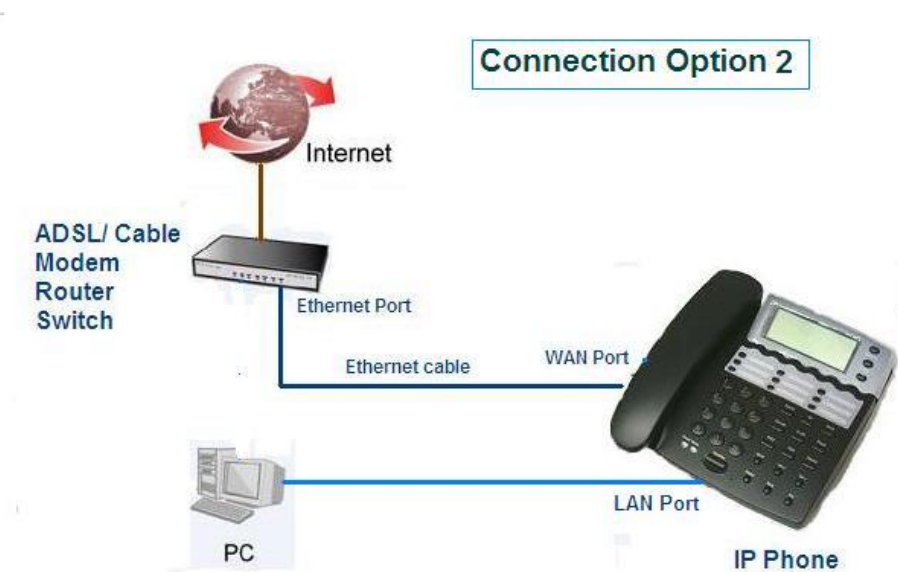
The AT530WISP is compatible with standard SIP protocol, working with most Internet Telephony Service Providers (ITSP). The Phone is not locked-in with Waytec SIP VoIP, follow the user manual, you can configure the phone to work with other ITSP.

** You must choose an Internet (VoIP) Phone Service Plan and sign up for service. VoIP phone plans, rates, and features may vary depending on VoIP Phone Service Provider.*

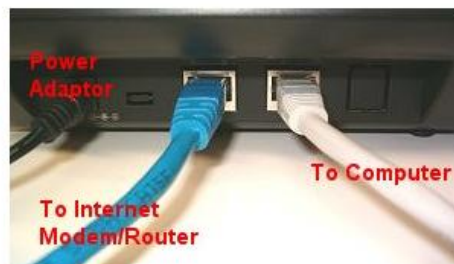
3.1 Hardware Installation

- Connect your computer Ethernet port to AT530 LAN port with Ethernet cable.

- Connect Broadband Modem / Router Ethernet Port to AT530 WAN port with Ethernet Cable.
- Power ON the AT530 with plug in the AD/DC Power Adaptor.



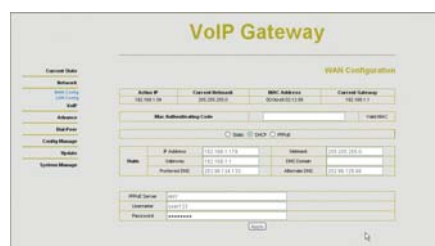
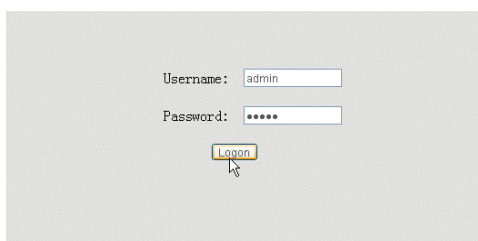
1. Connect IP Phone WAN port to Ethernet port of broadband Modem/Router with Ethernet cable.
2. Connect IP phone LAN port to ethernet port on PC with Ethernet cable.
3. Power on te IP phone with AD/DC adaptor.
4. It is ready to call.



3.2 Open Set up Page from computer Web Browser

Set your computer using Obtain an IP address automatically on Local Area Connection properties-Internet protocol TCP/IP. Restart your computer.

Open Internet Explorer, Browse address <http://192.168.10.1>, you will have the IP phone set up screen, Click any option, you will be required to Logon, the default username and password is [admin/admin](#) for administrator and [guest/guest](#) for guest.



3.3 Set up with the SIP VoIP Service Provider

Before start, you must choose an Internet (VoIP) Telephony Service Provider, sign up for service and get the SIP account detail from your service provider such as username, password, SIP server Address, SIP phone No. (normally it is same with username). VoIP phone plans, rates, and features may vary depending on VoIP Phone Service Provider.

- Click “VoIP” ->”SIP Config”, you will have the following page,
- Fill in your SIP account details into the fields, “ Register Server Addr”, “Register Server Port”, “Register Username”, “Register Password”, “Domain Realm”, “Phone Number” (Normally it is the SIP No. from the service provider).
- Tick “Enable Register” and “ Enable Pub Outbound Proxy”, then Click “Apply” button.
- Under “Config Manage”, click “Save Config” and Click “Save” button.
- Under “System Manage”, Click “Reboot” and click “Reboot” button.
- The device will be restart and login to the VoIP service provider and you can make VoIP calls.

VoIP Gateway - Microsoft Internet Explorer

Address: http://192.168.10.1/

VoIP Gateway

Get the SIP Account details from your VoIP Service Provider, and fill in to the following fields. Do not forget "Save Config" and then "Reboot"

SIP[Unregistered] Configuration

Register Server Addr	<input type="text"/>	Proxy Server Addr	<input type="text"/>
Register Server Port	5060	Proxy Server Port	<input type="text"/>
Register Username	<input type="text"/>	Proxy Username	<input type="text"/>
Register Password	*****	Proxy Password	<input type="text"/>
Domain Realm	<input type="text"/>	Local SIP Port	5060
Phone Number	<input type="text"/>	Register Expire Time	60 seconds
Detect Interval Time	600 seconds	RFC Protocol Edition	RFC3261
DTMF Mode	DTMF_RFC2833	User Agent	common
<input checked="" type="checkbox"/> Enable Register		<input type="checkbox"/> Auto Detect Server	
<input checked="" type="checkbox"/> Enable Pub Outbound Proxy		<input type="checkbox"/> Server Auto Swap	

Apply

When the phone is connected to your network successfully, it will display VOIP Phone and Date/Time on LCD, it is ready for call.

3.4 Example setting for the popular VoIP Service Providers

Example setting for engin

The screenshot shows the 'IP Phone' configuration interface in a Microsoft Internet Explorer browser. The page title is 'IP Phone' and the URL is 'http://192.168.10.1/'. The main heading is 'SIP[Registered] Configuration'. The configuration table is as follows:

Register Server Addr	byo.engin.com.au	Proxy Server Addr	
Register Server Port	5060	Proxy Server Port	
Register Username	0282068943	Proxy Username	
Register Password	*****	Proxy Password	
Domain Realm	byo.engin.com.au	Local SIP Port	5060
Phone Number	0282068943	Register Expire Time	60 seconds
Detect Interval Time	600 seconds	User Agent	Voip Phone 1.0
Encrypt Key		Server Type	common
DTMF Mode	DTMF_RFC2833	RFC Protocol Edition	RFC3261
<input checked="" type="checkbox"/> Enable Register		<input type="checkbox"/> Auto Detect Server	
<input checked="" type="checkbox"/> Enable Pub Outbound Proxy		<input type="checkbox"/> Server Auto Swap	

An 'Apply' button is located at the bottom of the configuration table.

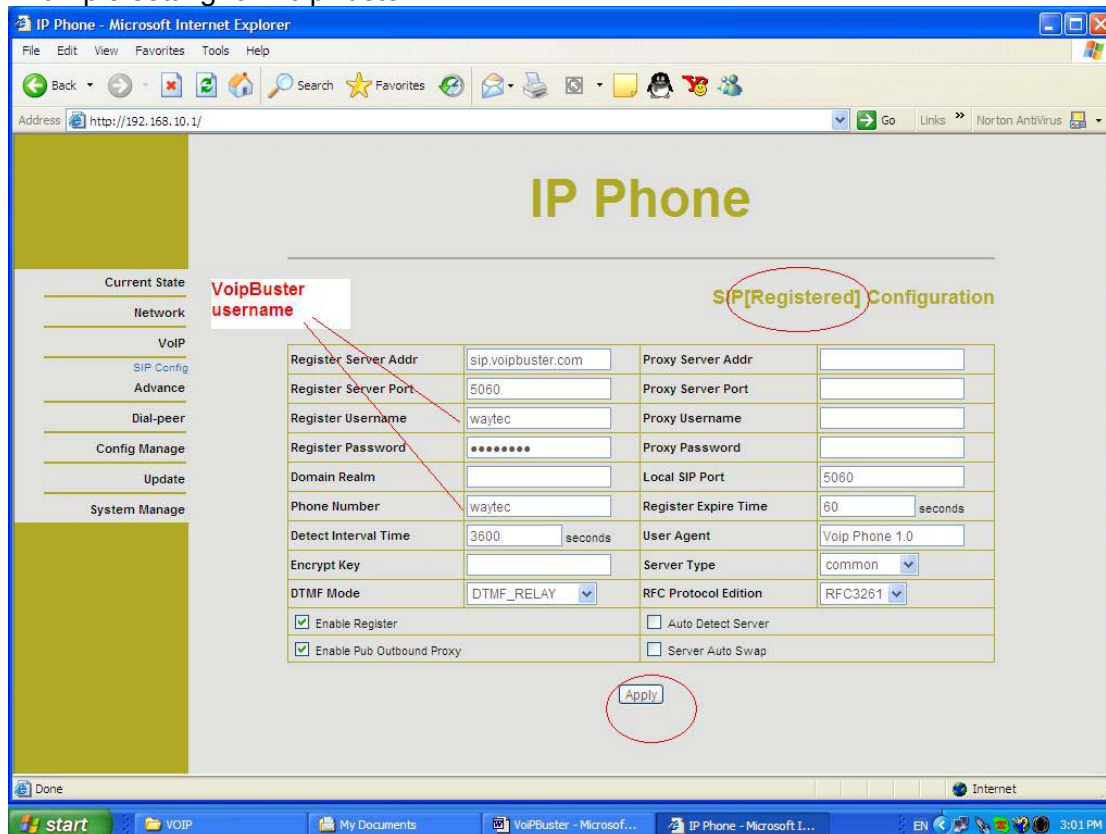
Example setting for Freshtel

The screenshot shows the 'IP Phone' configuration interface in a Microsoft Internet Explorer browser. The page title is 'IP Phone' and the URL is 'http://192.168.10.1/'. The main heading is 'SIP[Registered] Configuration'. The configuration table is as follows:

Register Server Addr	sip.freshtel.net	Proxy Server Addr	
Register Server Port	5060	Proxy Server Port	
Register Username	83332187	Proxy Username	
Register Password	*****	Proxy Password	
Domain Realm	sip.freshtel.net	Local SIP Port	5060
Phone Number	83332187	Register Expire Time	60 seconds
Detect Interval Time	600 seconds	User Agent	Voip Phone 1.0
Encrypt Key		Server Type	common
DTMF Mode	DTMF_RFC2833	RFC Protocol Edition	RFC3261
<input checked="" type="checkbox"/> Enable Register		<input type="checkbox"/> Auto Detect Server	
<input checked="" type="checkbox"/> Enable Pub Outbound Proxy		<input type="checkbox"/> Server Auto Swap	

An 'Apply' button is located at the bottom of the configuration table.

Example setting for VoipBuster



For how to make call, please follow you VOIP Service Provider's Instruction

The all other set up details of the IP Phone, please refer to user manual.

Technical Support for customer within Australia:

E-mail to Technical Support: support@waytec.com.au

Note: Because the performance of VoIP devices may be affected by your levels of use, the levels of use of other users and of facilities related to providing the Internet or VoIP Services, Waytec does not warrant that using the VoIP Devices will be free of blockages, delays or faults of this kind and Waytec will not be responsible for any loss or damage which may result.