

# Installation Instructions for Free Softphone Apps on Mobile and Laptop

## Crux LX & VX

**Feel free to ask us any questions**

via Email: [support@crux-labs.com](mailto:support@crux-labs.com)

via Live Chat: [www.crux-labs.com](http://www.crux-labs.com)

via Phone: +65 6401 3357



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**For Mobile #1**

# Grandstream Wave Lite – Video

**Cost: Free**



Grandstream Wave Lite - Video  
Grandstream Networks, Inc.

3.6 ★

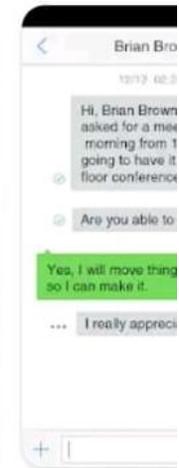
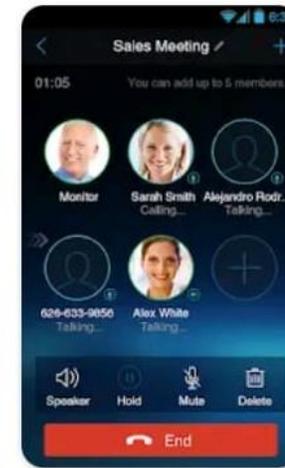
4K reviews

3+

Rated for 3+ ⓘ

500K+

Downloads

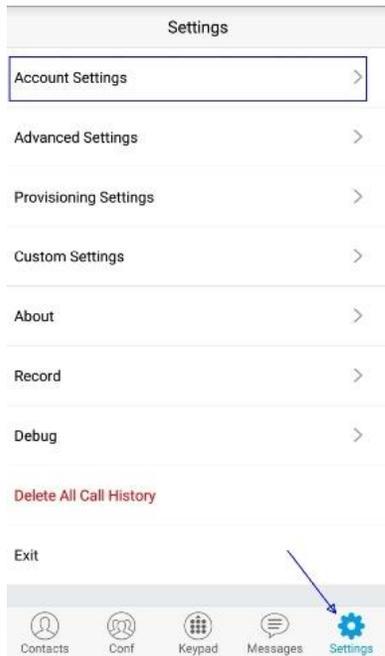


Grandstream Networks announces Wave, a free Video VoIP app for SIP-based calling

**STEP 1** – Download the app **Grandstream Wave Lite – Video** from Google PlayStore or Apple AppStore

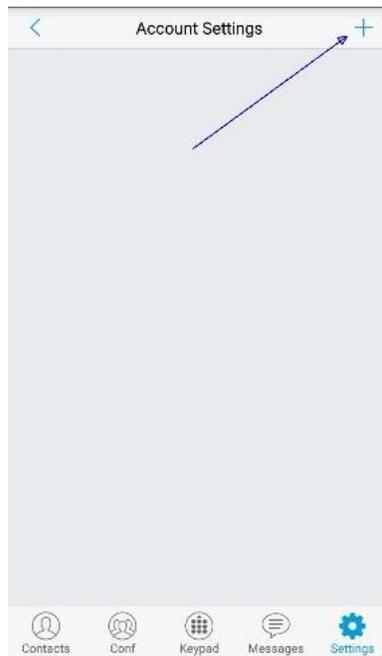
**STEP 2** – Open the App and add your Extension as a SIP Account by following screen-by-screen instructions below

**STEP 3 (Go to Settings)**



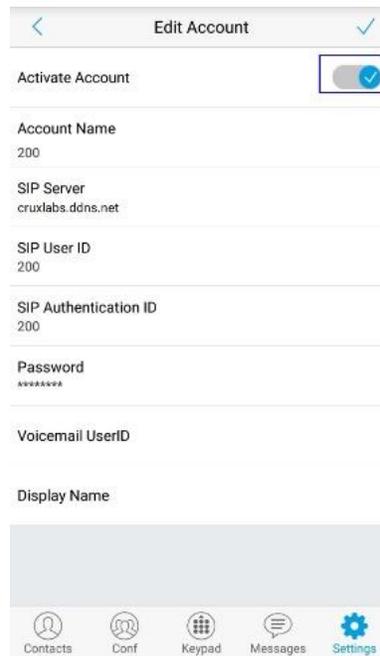
**Go to Settings** to setup your Extension on this App so that you can use it to make and receive calls

**STEP 4 (Add Account)**



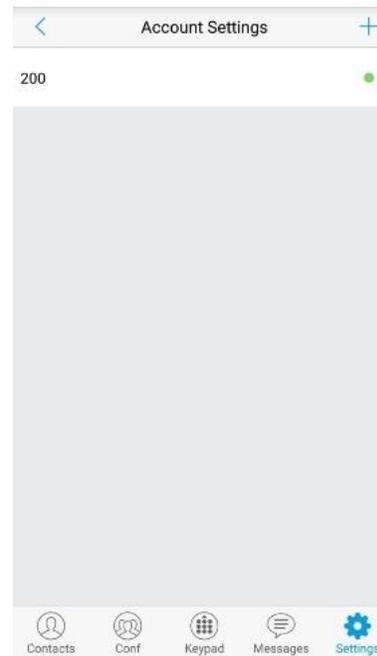
**Add an Account** to setup your Extension. You can create multiple Accounts if needed

**STEP 5 (Edit Account)**



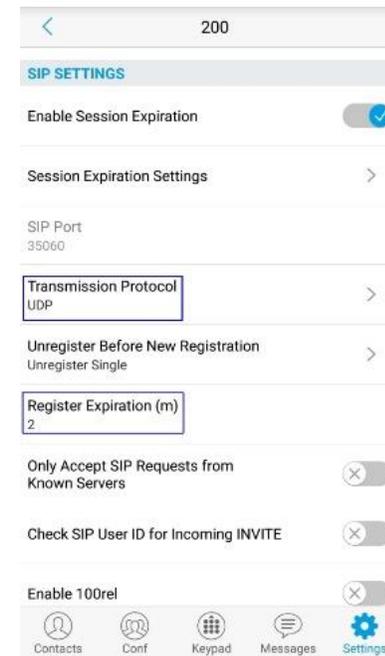
Activate your Account with **Username, Password, SIP Server** provided by your Admin or Crux Labs staff

**STEP 6 (Ensure Green Dot)**



The **Green Dot** indicates **Successful Registration** of the App with Crux. Contact Admin if you get a **Red Dot**

**STEP 7 (Config iPhone)**



On iPhone, edit account again to set Transmission Protocol to **TCP** and Register Expiration to **2**

**STEP 8 (For Mobile Data)**



For the App to work with WiFi as well as Mobile Data, in Advanced Settings **Disable "Only Wifi" option**

**For Mobile #2**

**Linphone**  
**Cost: Free**



**Linphone**  
Belledonne communications

**3.4** ★

4K reviews

**3+**

Rated for 3+ ⓘ

**500K+**

Downloads

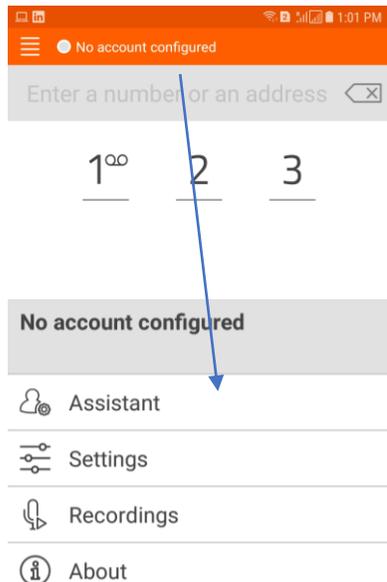


Linphone is an open source internet SIP phone or Voice Over IP phone (VoIP).

**STEP 1** – Download the app **Linphone** from Google PlayStore or Apple AppStore

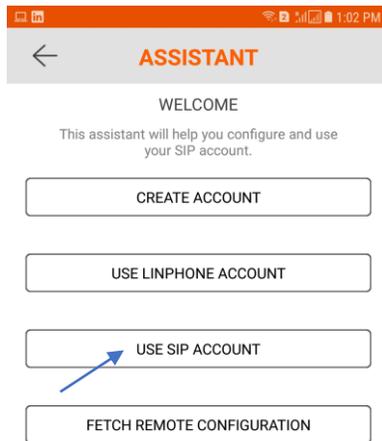
**STEP 2** – Open the App and add your Extension as a SIP Account by following screen-by-screen instructions below

**STEP 3 (Go to Settings)**



Click the menu option on top and select **Assistant** to setup your Extension to make and receive calls

**STEP 4 (Setup Account)**



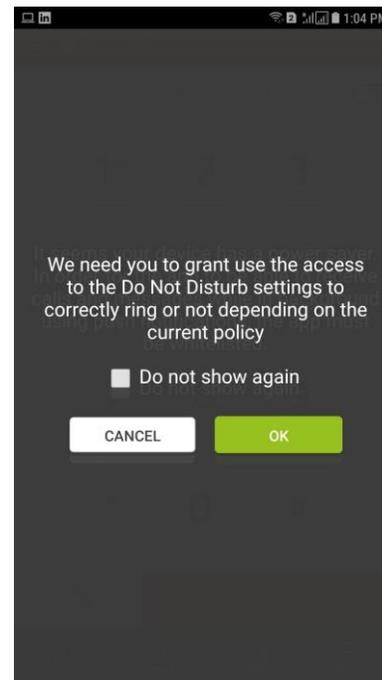
Select **Use SIP Account** to setup your Extension. You can create multiple Accounts if needed

**STEP 5 (Setup Account)**



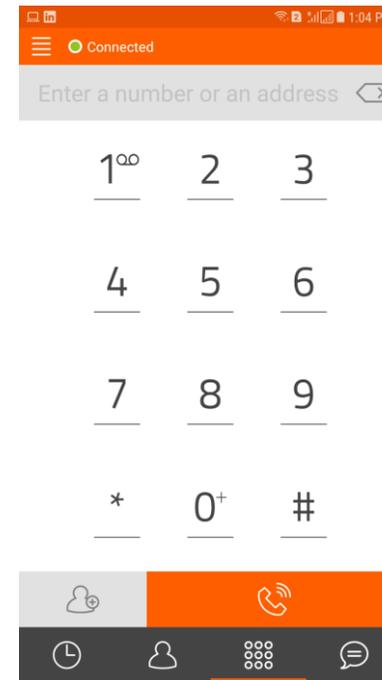
Use **Username, Password, Domain** provided by your Admin or Crux Labs staff. **TCP on iPhone** else **UDP**

**STEP 6 (Config Phone)**



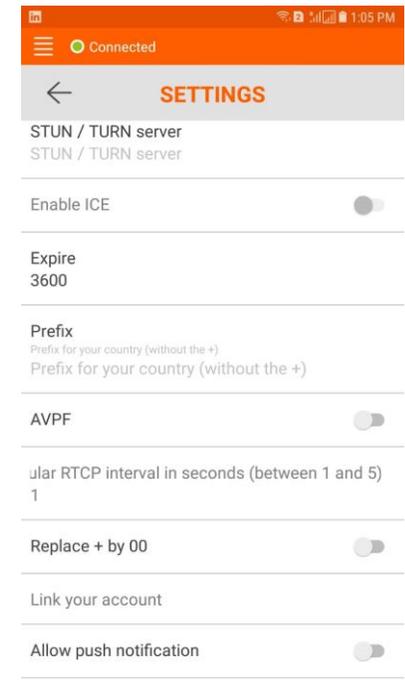
The App may prompt you for certain **permissions** that it requires to run accurately in background

**STEP 7 (Check Green Dot)**



The **Green Dot** indicates **Successful Registration** of the App with Crux. Contact Admin if you get a **Red Dot**

**STEP 8 (Remove Prefix)**



**Edit Account** and **Remove** any **Prefix** that may be have been auto-appended by the Linphone App

**For Mobile #3**

# Zoiper IAX SIP VOIP Softphone Zoiper Lite Cost: Free



**Zoiper IAX SIP VOIP Softphone**

Securax LTD.

In-app purchases

**4.5★**

64K reviews



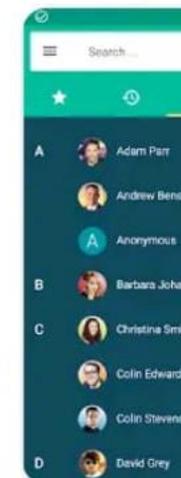
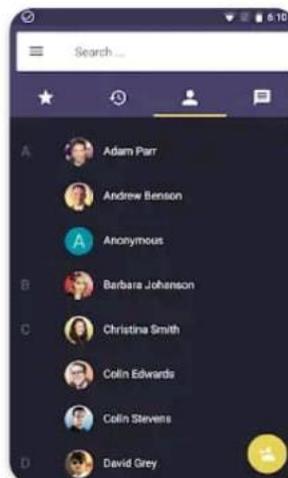
16 MB



Rated for 3+ ⓘ

**1M+**

Downloads



Highest ranked softphone on google play. Wideband, video, Encryption & FREE

**STEP 1** – Download the app **Zoiper IAX SIP VOIP Softphone** from Google PlayStore or Apple AppStore

**STEP 2** – Open the App and add your Extension as a SIP Account by following screen-by-screen instructions below

**STEP 3** (Create Account)

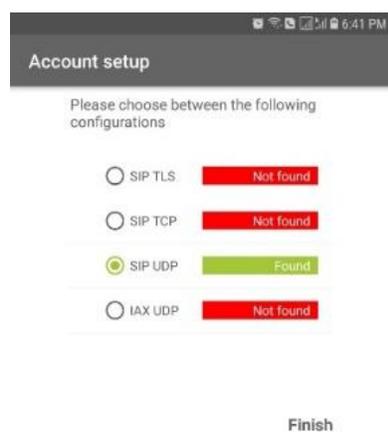
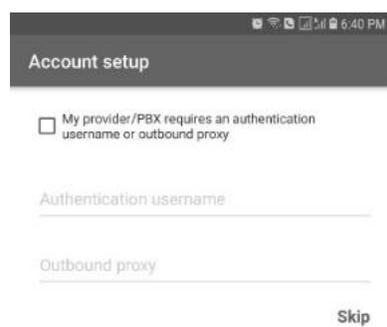
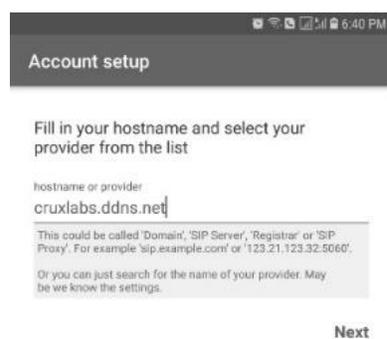
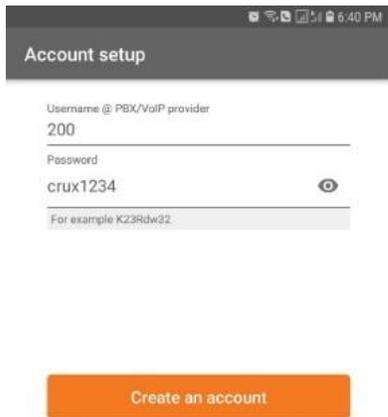
**STEP 4** (User Credentials)

**STEP 5** (Hostname)

**STEP 6** (Skip Screen)

**STEP 7** (Select Transport)

**STEP 8** (Get a **Green** Tick)



Click **Create an Account** to get started

**Create an Account** using the **Username & Password** provided by your Admin or Crux Labs staff

Fill in the **Hostname** provided by your Admin or Crux Labs staff. This is the Crux URL or IP address

Nothing to be done on this screen. **Skip** this Screen

On **Android**, select Transport as SIP UDP. On **iPhone**, select Transport as SIP TCP if it is **Green**

The **Green** tick indicates **Successful Registration** of the App with Crux. Contact Admin if you get a **Red** tick

For Mobile #4

## Bria – VoIP SIP Softphone

Cost: Free



## Bria - VoIP SIP Softphone

CounterPath Corp

In-app purchases

4.1★

295 reviews



44 MB

3+

Rated for 3+ ⓘ

50K+

Downloads

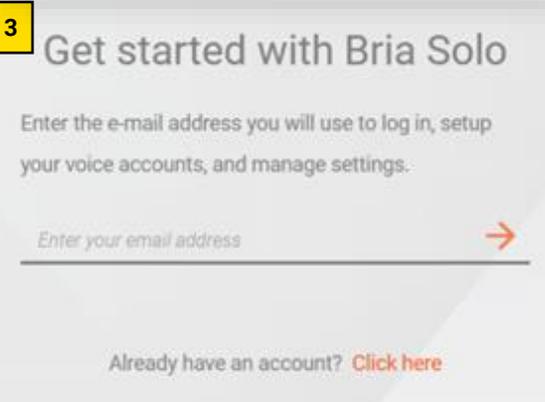


**STEP 1** – Sign-up for **Bria Solo Free account for Individuals** at <https://www.counterpath.com/plan-select-solo/>

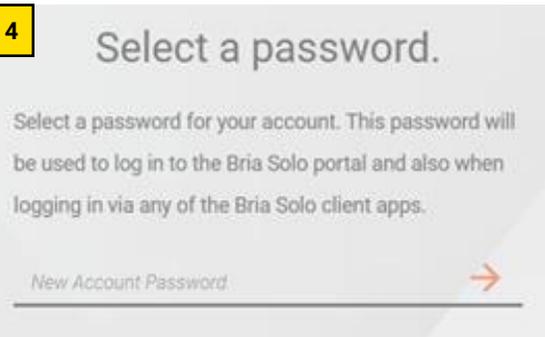
**STEP 2, 3 & 4** (Create Login & Password)



Plans: Bria Solo Free  
Recommended Use Case: For Single Users  
**2** DOWNLOAD FREE

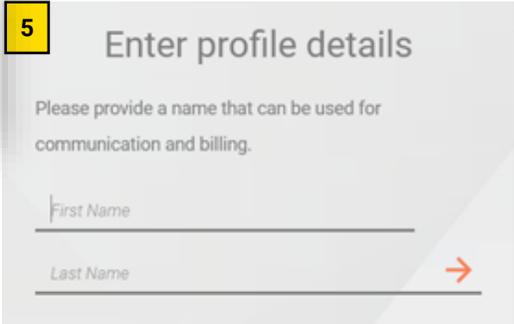


**3** Get started with Bria Solo  
Enter the e-mail address you will use to log in, setup your voice accounts, and manage settings.  
Enter your email address →  
Already have an account? [Click here](#)

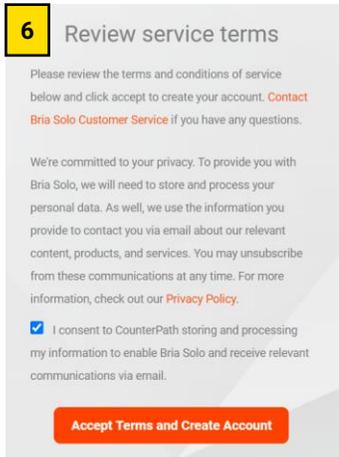


**4** Select a password.  
Select a password for your account. This password will be used to log in to the Bria Solo portal and also when logging in via any of the Bria Solo client apps.  
New Account Password →

**4 & 5** (Enter Name and Accept T&C)



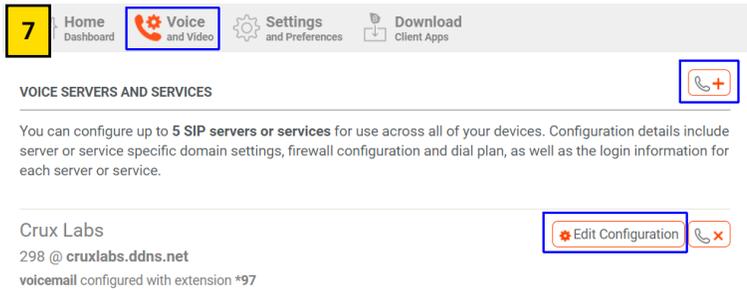
**5** Enter profile details  
Please provide a name that can be used for communication and billing.  
First Name \_\_\_\_\_  
Last Name \_\_\_\_\_ →



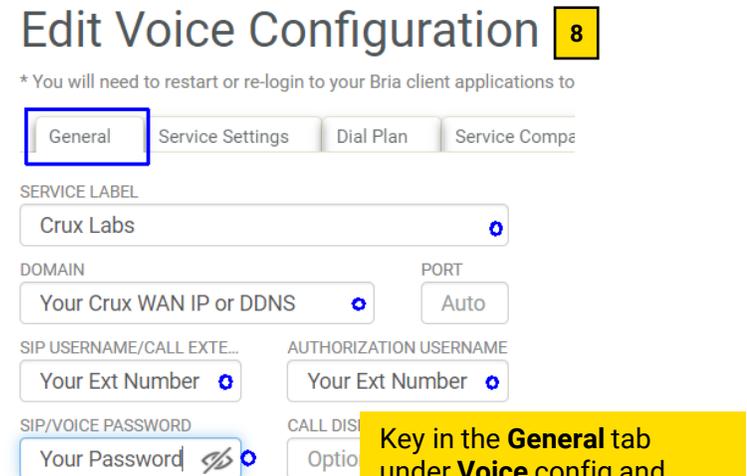
**6** Review service terms  
Please review the terms and conditions of service below and click accept to create your account. [Contact Bria Solo Customer Service](#) if you have any questions.  
We're committed to your privacy. To provide you with Bria Solo, we will need to store and process your personal data. As well, we use the information you provide to contact you via email about our relevant content, products, and services. You may unsubscribe from these communications at any time. For more information, check out our [Privacy Policy](#).  
 I consent to CounterPath storing and processing my information to enable Bria Solo and receive relevant communications via email.  
**Accept Terms and Create Account**

**STEP 9** – Download the app **Bria – VoIP SIP Softphone** from Google PlayStore or Apple AppStore

**7 & 8** (Edit Voice Configuration, then setup General)



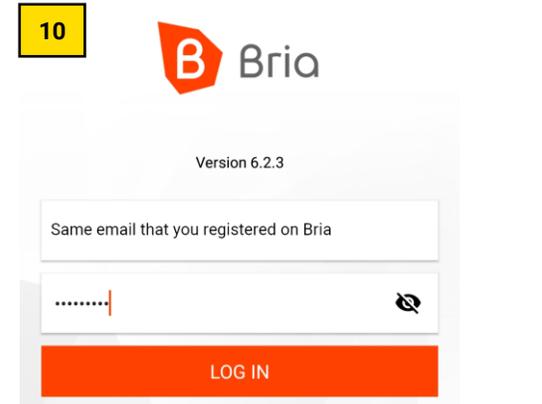
**7** Home Dashboard Voice and Video Settings and Preferences Download Client Apps  
VOICE SERVERS AND SERVICES  
You can configure up to 5 SIP servers or services for use across all of your devices. Configuration details include server or service specific domain settings, firewall configuration and dial plan, as well as the login information for each server or service.  
Crux Labs  
298 @ cruxlabs.ddns.net  
voicemail configured with extension \*97



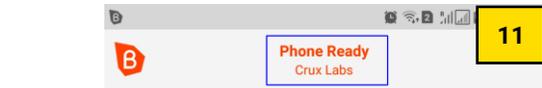
**8** Edit Voice Configuration  
\* You will need to restart or re-login to your Bria client applications to  
General Service Settings Dial Plan Service Compe  
SERVICE LABEL: Crux Labs  
DOMAIN: Your Crux WAN IP or DDNS PORT: Auto  
SIP USERNAME/CALL EXTEN...: Your Ext Number AUTHORIZATION USERNAME: Your Ext Number  
SIP/VOICE PASSWORD: Your Password CALL DIS...: Optio

Key in the **General** tab under **Voice** config and input your extension details in the boxes marked **blue**

**STEP 10 & 11** (Login, Get Phone Ready)



**10** Bria  
Version 6.2.3  
Same email that you registered on Bria  
.....  
**LOG IN**



**11** Phone Ready  
Crux Labs

The **Phone Ready** status shows **Successful Registration** of the App with Crux. Contact Admin if you do not get the Ready status.

**For Laptop #1**

**Windows  
MacOS  
Linux**

**Linphone 4.1.1**

**Cost: Free**

Download from  
[www.linphone.org](http://www.linphone.org)

The banner features the Linphone logo and navigation menu at the top. The main content area includes the text 'linphone for smartphones, tablets and desktop platforms' followed by a list of features: HD audio and video calls, integration with iOS/Android push notifications, audio conferences, instant messaging, account creation, secure communications, and SIP-based architecture. A diagram shows a cloud with 'Flexisp Presence server', 'Flexisp Proxy server', and 'Flexisp Conference server' connected by SIP arrows. Below the diagram are images of a laptop, smartphone, and tablet displaying the Linphone interface. At the bottom, there is a 'Download for' section with icons for iOS, Android, macOS, Windows desktop, and GNU/Linux.

**linphone**  
open source VOIP project

Products Solutions Licensing & services Technical corner About us News

NEWSLETTER

**linphone**  
**for smartphones, tablets  
and desktop platforms**

- HD audio and video calls
- Integration with iOS/Android push notifications systems
- Audio conferences and advanced calling features
- Instant messaging (IM), group chat and file sharing
- Account creation and remote configuration (via QR code or URL)
- Secure communications with end-to-end encryption
- Fully SIP-based, for all calling, presence and IM features

LEARN MORE

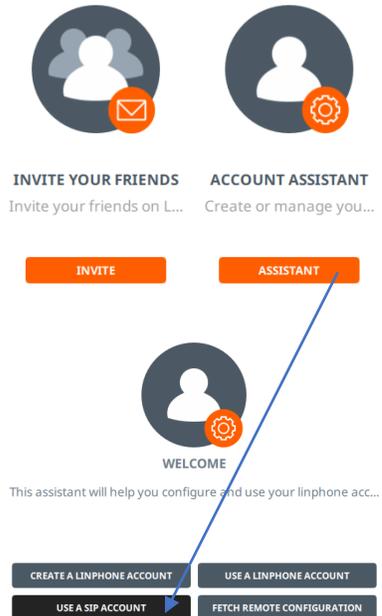
Download for

IOS Android macOS Windows desktop GNU/Linux

**STEP 1** – Download the app **Linphone** from Google PlayStore or Apple AppStore

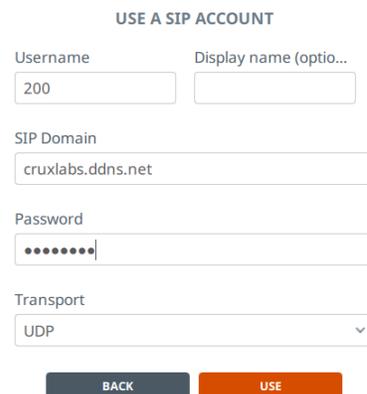
**STEP 2** – Open the App and add your Extension as a SIP Account by following screen-by-screen instructions below

**STEP 3** (Use SIP Account)



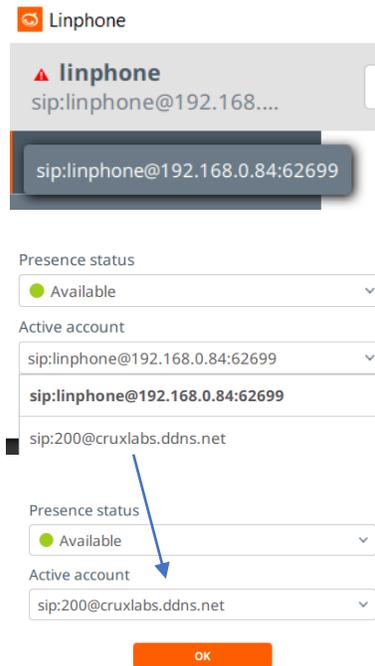
Click on **Home** tab on top-left column, then select **Assistant**, and **Use SIP Account** to start the setup

**STEP 4** (Setup Account)



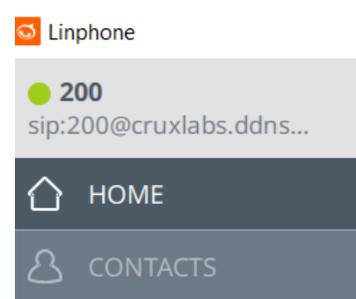
Key in **Username**, **SIP Domain**, **Password** given by your Admin or Crux Labs staff. Transport **UDP**

**STEP 5** (Select Account)



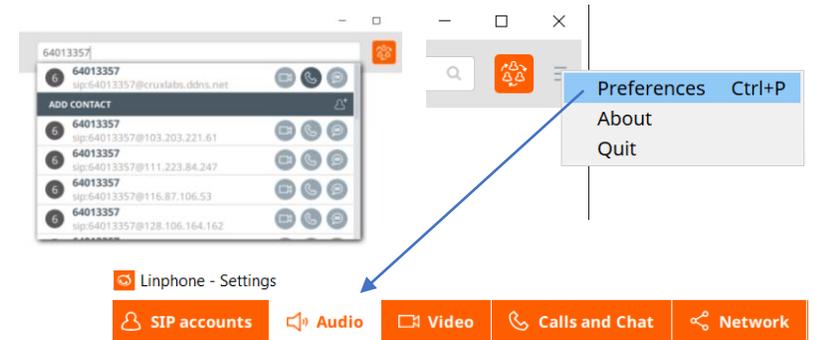
Linphone App comes with a default Account. Click on top-left corner to change & **Select** your **Crux Account**

**STEP 6** (Check **Green Dot**)

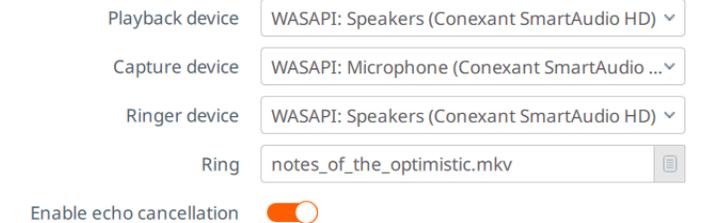


The **Green Dot** indicates **Successful Registration** of the App with Crux. Contact Admin if you get a **Red Dot**

**STEP 7** (Start Your Calls)



**Audio parameters**



Type the phone number in the text input box on top of the App window and press **Call Icon** to make a call

**STEP 8** (Mic & Speaker)

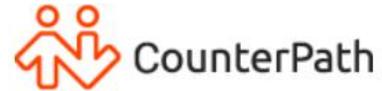
If using an external **Mic** or **Speaker** or **Headset**, go to the **Audio** tab under **Preferences** for selection

**For Laptop #2**

**Windows  
MacOS**

**Bria – VoIP SIP  
Softphone  
Cost: Free**

*Download after you create account at  
<https://solo.softphone.com/login>*



## Bria Solo is the New X-Lite Softphone

Combining voice and video calls in a user-friendly interface, CounterPath Bria Solo softphones help you seamlessly transition from a traditional phone environment to the world of Voice over IP.



**STEP 1** – Sign-up for **Bria Solo Free account for Individuals** at <https://www.counterpath.com/plan-select-solo/>

**STEP 2, 3 & 4** (Create Login & Password)

Plans Bria Solo Free

Recommended Use Case For Single Users

2
DOWNLOAD FREE

3

### Get started with Bria Solo

Enter the e-mail address you will use to log in, setup your voice accounts, and manage settings.

Enter your email address
➔

Already have an account? [Click here](#)

4

### Select a password.

Select a password for your account. This password will be used to log in to the Bria Solo portal and also when logging in via any of the Bria Solo client apps.

New Account Password
➔

**4 & 5** (Enter Name and Accept T&C)

5

### Enter profile details

Please provide a name that can be used for communication and billing.

First Name

Last Name
➔

6

### Review service terms

Please review the terms and conditions of service below and click accept to create your account. [Contact Bria Solo Customer Service](#) if you have any questions.

We're committed to your privacy. To provide you with Bria Solo, we will need to store and process your personal data. As well, we use the information you provide to contact you via email about our relevant content, products, and services. You may unsubscribe from these communications at any time. For more information, check out our [Privacy Policy](#).

I consent to CounterPath storing and processing my information to enable Bria Solo and receive relevant communications via email.

Accept Terms and Create Account

**STEP 9** – Download the requisite App from the Download tab at <https://solo.softphone.com/login>

**7 & 8** (Edit Voice Configuration, then setup General)

7
Home Dashboard
Voice and Video
Settings and Preferences
Download Client Apps

#### VOICE SERVERS AND SERVICES

You can configure up to 5 SIP servers or services for use across all of your devices. Configuration details include server or service specific domain settings, firewall configuration and dial plan, as well as the login information for each server or service.

Crux Labs
Edit Configuration
✕

298 @ cruxlabs.ddns.net  
voicemail configured with extension \*97

## Edit Voice Configuration

\* You will need to restart or re-login to your Bria client applications to

General
Service Settings
Dial Plan
Service Compe

SERVICE LABEL

Crux Labs
⚙

DOMAIN PORT

Your Crux WAN IP or DDNS
⚙

Auto

SIP USERNAME/CALL EXTEN... AUTHORIZATION USERNAME

Your Ext Number
⚙

Your Ext Number
⚙

SIP/VOICE PASSWORD CALL DIS...

Your Password
⚙

Optio

**STEP 10 & 11** (Login, Get Phone Ready)

Version 6.2.3

Same email that you registered on Bria

.....
👁

LOG IN

10

**Phone Ready**  
Crux Labs

11

Key in the **General** tab under **Voice** config and input your extension details in the boxes marked **blue**

The **Phone Ready** status shows **Successful Registration** of the App with Crux. Contact Admin if you do not get the Ready status.

# KNOW OUR PRODUCTS

**CRUX LX**  
FOR OFFICE  
COMMUNICATION



**CRUX VX**  
FOR RETAILERS &  
CALL CENTRES

Ask for a free trial today!

**Crux Labs Pte. Ltd.**

 [sales@crux-labs.com](mailto:sales@crux-labs.com)

 +65 6401 3357