

Blue Sky Network

SkyLink

SIP Softphone Setup



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NOTICE

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ABOUT THIS DOCUMENT

This guide was designed to be easy to read and follow. It is organized based on the steps needed to configure the Wave Lite and Linphone SIP apps with your SkyLink device.

SIP APP SETTINGS

SIP calls use the built-in SIP server on the SkyLink and translate to the Iridium phone lines. SkyLink's SIP feature provides excellent call quality compared to conventional Iridium calling.

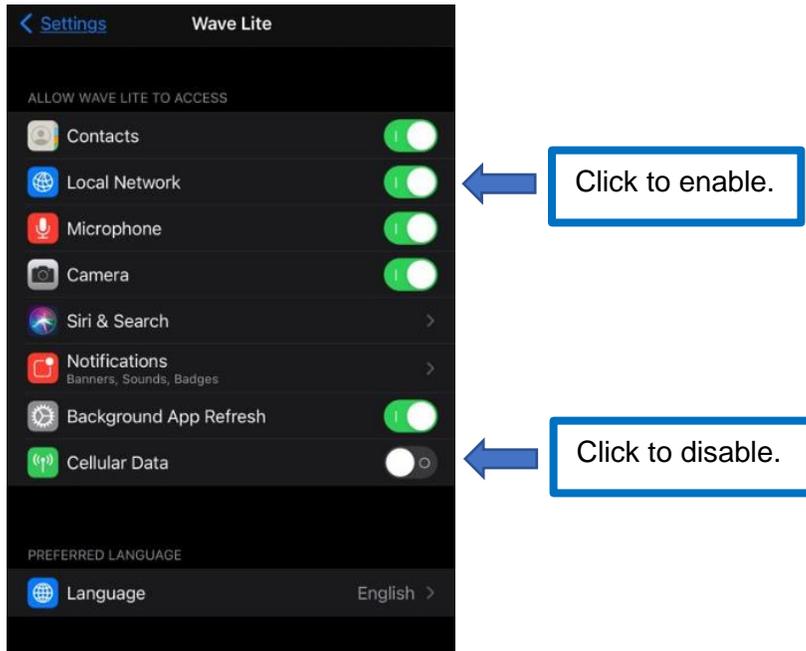
NOTE: You do NOT need to dial an initial 9 or any other digit to reach an outside line. Phone numbers in your smart device phonebook should be preformatted with the correct country codes, etc.

Test Number	Test Type	Test Function
717	Local Echo Test	Performs a local echo test to verify/test SIP from your smart device to the gateway (SkyLink) and back, including testing for delays and call quality.
5555	Iridium Test Phone	Makes a test call to the Iridium network. If successful, will play the following message: "Cannot make emergency call."

Wave Lite App

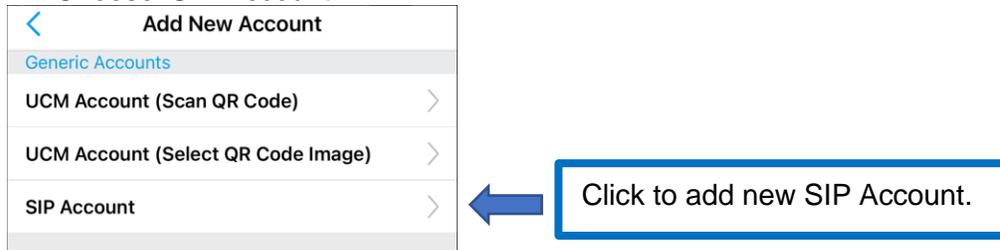
Below are the steps to configure the Wave Lite SIP app with your SkyLink device.

1. Install the Wave Lite app.
2. Under your phone's Settings, click Wave Lite App and ensure that Local Network is enabled, and Cellular Data is disabled.



3. Navigate to Wave Lite Settings and click +Symbol/Add New Account.

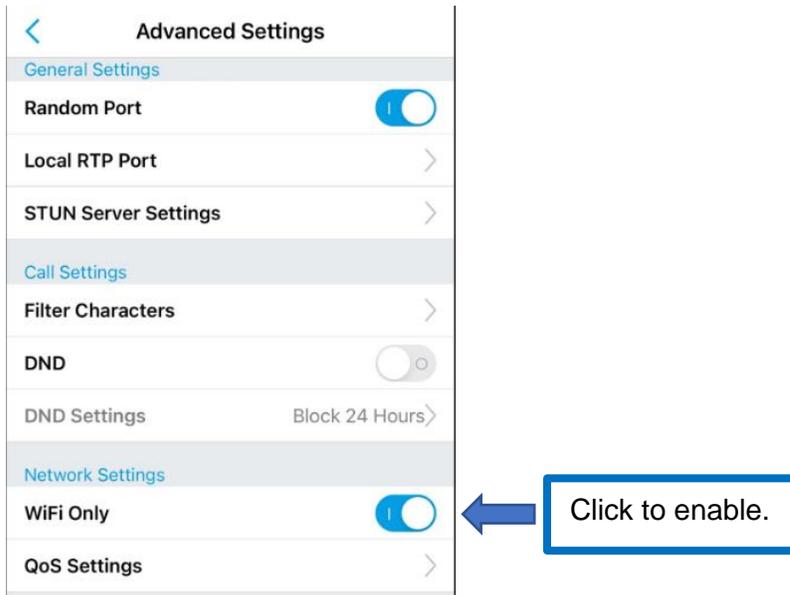
4. Choose 'SIP Account.'



5. In the SIP Server field, enter the SkyLink address: 192.168.111.1 (default)
6. Enter 510 in the SIP User ID, Authentication ID, and Password fields, or select another SIP extension as seen on the Voice Extensions screen in the SkyLink Web Interface.

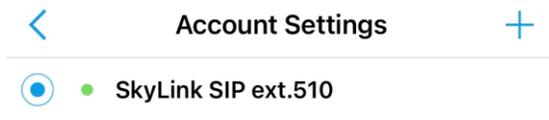
Account Name	510
SIP Server	192.168.111.1
SIP User ID	510
SIP Authentication ID	510
Password	

7. Navigate to Advanced Settings and click WiFi Only under the Network Settings section.



8. Once the settings are saved, you should see the green dot next to the name of your SIP account in the Account Settings page.

NOTE: A red dot next to the account name means that the app cannot communicate with SkyLink. Ensure that you are connected to the SkyLink WiFi and have set the permission for your Wave Lite app to access the Local Network.

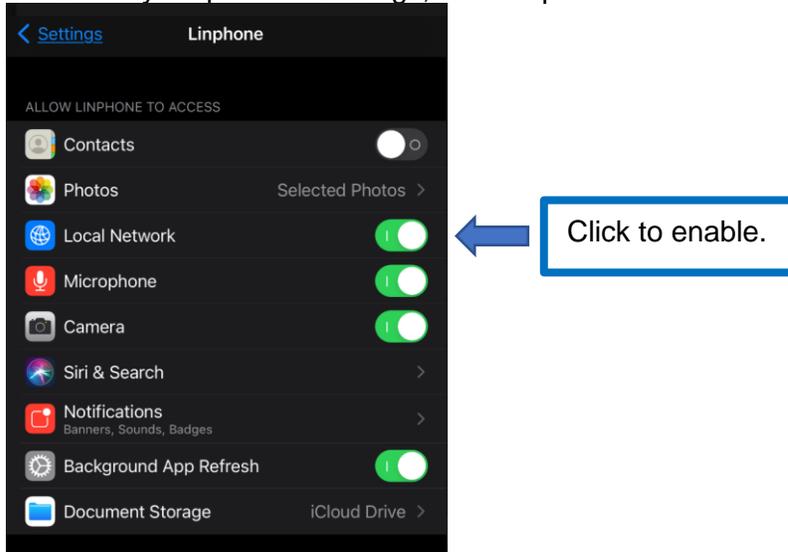


9. Once connected, use the 717 Local Echo Test number to test the SIP connection to the SkyLink. You may also try the 5555 Iridium Test Phone number to verify that you are contacting the satellites.

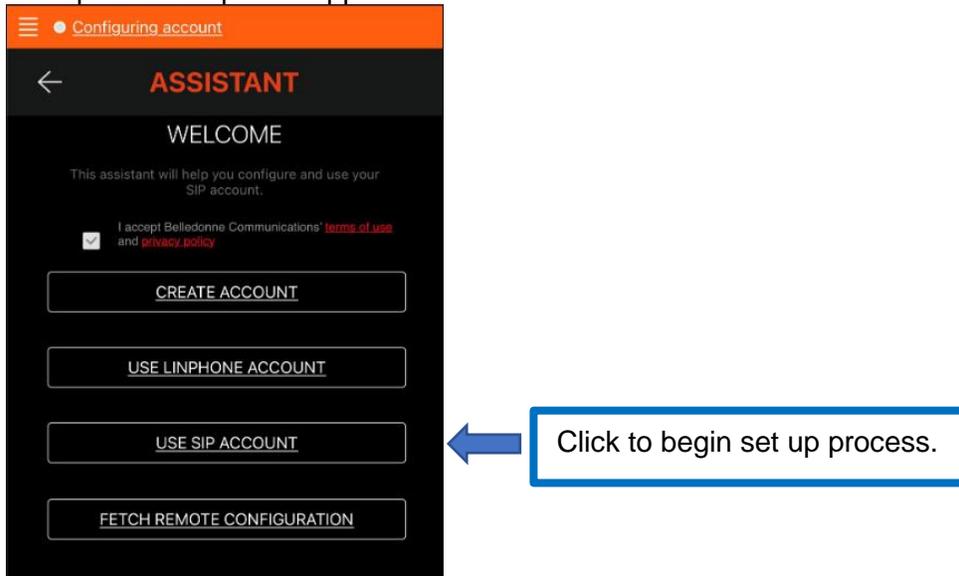
Linphone App

Below are the steps to configure the Linphone SIP app with your SkyLink device.

1. Install Linphone.
2. Under your phone's Settings, click Linphone and ensure that Local Network is enabled.

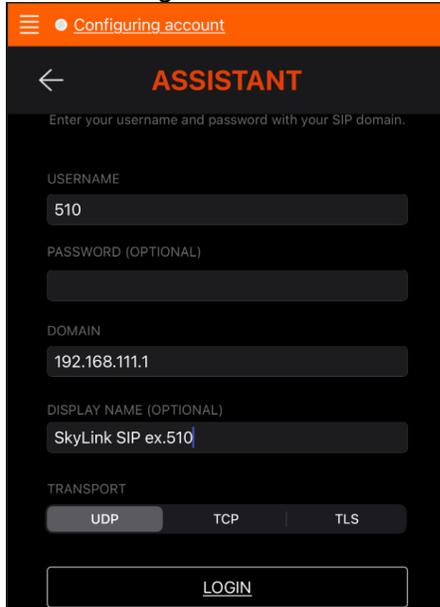


3. Open the Linphone app and select 'USE SIP ACCOUNT.'



4. Enter 510 in both the USERNAME and PASSWORD fields or select another SIP extension as seen on the Voice Extensions screen in the SkyLink Web Interface. In the DOMAIN field, enter the SkyLink address: 192.168.111.1 (default)

5. Click Login.



The screenshot shows the 'ASSISTANT' app configuration screen. At the top, there is a header with a hamburger menu icon and the text 'Configuring account'. Below this is a back arrow and the title 'ASSISTANT'. A subtitle reads 'Enter your username and password with your SIP domain.' The form contains the following fields: 'USERNAME' with the value '510', 'PASSWORD (OPTIONAL)' which is empty, 'DOMAIN' with the value '192.168.111.1', and 'DISPLAY NAME (OPTIONAL)' with the value 'SkyLink SIP ex.510'. Under the 'TRANSPORT' section, there are three radio buttons: 'UDP' (selected), 'TCP', and 'TLS'. At the bottom of the form is a 'LOGIN' button.

6. When the SIP configuration is successful, the “Connected” status will appear in the top left corner of the app and the green dot will appear next to the account name.



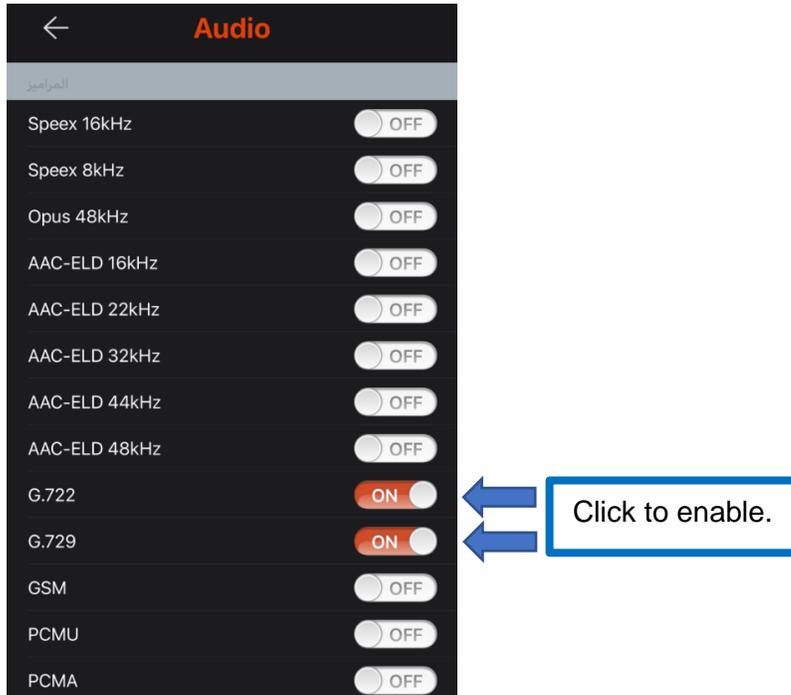
NOTE: If an orange/red dot appears, or the message “Connection in progress” continues to display, the app cannot communicate with the SkyLink. Ensure that you are connected to the SkyLink WiFi and have set the permission for your Linphone app to access the Local Network.

7. Once connected, use the 717 Local Echo Test number to test the SIP connection to the SkyLink. You may also try the 5555 Iridium Test Phone number to verify that you are contacting the satellites.

AUDIO QUALITY

To optimize the audio for best performance:

1. Navigate to Linphone Settings, then click Audio.
2. Select **ONLY** the G.722 and G.729 codecs.



TECHNICAL SUPPORT

Blue Sky Network is committed to providing the highest level of service and support. If you have any questions or concerns, please feel free to contact us by email or phone; contact information is available at the bottom of this page. For self-help, please visit

<https://support.blueskynetwork.com/>

Thank you for choosing Blue Sky Network!



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