



How to use RedPhone on Android

RedPhone is a mobile app for Android that allows users to make encrypted voice calls over a Wi-Fi or data connection (3G/LTE) using their normal phone number. RedPhone only encrypts calls that are between two RedPhone users, or between users of RedPhone (on Android) and Signal (the equivalent app for iPhone).

You can choose to make calls to other RedPhone users from inside the app, or you can call someone using your phone's default system dialer, and RedPhone will automatically prompt you with an option to upgrade to an encrypted call.

DOWNLOAD AND INSTALL REDPHONE

On your Android phone, enter the Google Play store and search for "RedPhone." Select the app, "RedPhone :: Secure Calls." Select "Install" and accept the Terms of Service by selecting "Accept." The app will download and install automatically.

REGISTER YOUR MOBILE

Once you have installed the app, open it; you will automatically be prompted to register your mobile number. Once you have registered your mobile number, RedPhone will send you an SMS code to verify that the number belongs to you. Type in the code when prompted by the app. You have now successfully installed RedPhone and are ready to make encrypted calls!

USING REDPHONE

In order to use RedPhone, the person that you are calling must either also have RedPhone (on Android) or Signal (on iPhone) installed. If you try to call someone using the RedPhone app and they do not have it installed, the app will ask if you would like to invite them to use RedPhone via SMS, but it will not allow you to complete your call from inside the app.

When you make a call to another RedPhone or Signal user (from either your default system dialer or from inside the app), you will be shown a random pair of words. This word pair will allow you to verify your identity and keys with the other user—also known as key verification.

The trustworthiest way to verify the identity of a caller is to use out-of-band authentication to verify the word pair. You can also read the words aloud if you recognize the caller's voice. The word pair must be identical on both users' phones for you to be sure your message is not being intercepted.