

# Secure Calling & Messaging With The Stealth ENCRYPT



**Global TSCM Group, Inc.  
The Stealth Lab, Inc.**



# Function Keys

## Speaker

## Power Key

- ON: Slide down
- OFF: Slide up

## Microphone

## Mode Selection Key

- Up: Volume up
- Down: Volume down

## Volume Key

- Up: Volume up
- Down: Volume down

## Indicator

- LINK: Bluetooth Link status
- SEC: Encryption Mode Indication
  - Off: Encryption Call
  - ON: Encryption Voice Message
- BAT: Battery status
- CHG: Charging status

## Charging

- USB C type



# Connect to a smartphone with bluetooth

## 1. Power On

- slide down the left switch

## 2. Pairing

- Long push the mode select button
- fast blinking 'LINK' lamp
- connect Bluetooth 'PvR2 Pro' in your smartphone



# Make Encrypted Call



1. Connect 'The Stealth Encrypt' to your phone & also your friend too
2. Dialing your friend in your phone, 'The Stealth Encrypt' act like as a Bluetooth earphone
3. Using 'The Stealth Encrypt' talk with him(not encryption)
4. Push 'Mode Selection Key' then start encryption with announcement
5. All conversation is encrypted
6. Push again 'Mode Selection Key' release encryption, return to normal mode.

# Make Encrypted Call With WhatsApp



# WhatsApp

1. Connect 'The Stealth Encrypt' to your phone & also your friend too
2. Dialing your friend in your WhatsApp, 'The Stealth Encrypt' act like as a Bluetooth earphone
3. Using 'The Stealth Encrypt' talk with him(not encryption)
4. Push 'Mode Selection Key' then start encryption with announcement
5. All conversation is encrypted
6. Push again 'Mode Selection Key' release encryption, return to normal mode.

# Send Encrypted Voice Message



1. Connect 'The Stealth Encrypt' to your phone & also your friend too
2. To make your encrypted voice message, push twice 'Mode Selection Key', then turn on 'SEC' lamp
3. Using messenger or recorder app record your voice and send to your friend
4. You & your friend who has 'The Stealth Encrypt' with same encryption key can hear the message
5. Push again 'Mode Selection Key' release encryption, return to normal mode.

# Changing Voice Message Encryption Key

**Default Key is '123456'**

1. Connect 'The Stealth Encrypt' to your phone
2. Using mobile browser go into <https://www.enclogic.com/>

## SET VOICE MESSAGE KEY

\* Please enter 6 digits

**Submit**

STEPS:

- ◇ Connect PvR to your phone, and switch to the *"Encrypted Voice Message"* mode.
- ◇ Increase the volume of PvR to 80%-90% level.
- ◇ Use your mobile browser to visit the *"Key Settings"* webpage
- ◇ Input 6 digits and submit.
- ◇ PvR will broadcast success or failure prompts according to the result of key update.



<https://www.enclogic.com/>

# Specs of The Stealth Encrypt



- Digital voice encryption technology
- End-to-end voice protection
- Pair with mobile phone
- No registration, no APP installation, use directly
- Advanced Cryptographic Algorithms. The ECDH key exchange algorithm generates a different key for each voice call.
- AES 256 encryption algorithm protects voice data security
- Size: 26 x 80 x 12mm
- Weight: 23g



## CELLULAR CALLS

Encrypted calls via cellular networks such as GSM, UMTS and VoLTE



## VOICE MESSAGE

Send encrypted voice messages through social software such as WhatsApp, Skype...



## VOIP CALLS

Encrypted calls via VoIP Apps such as WhatsApp, Facetime...



## RECORDING

Record and play encrypted voice through the voice recorder APP on the mobile phone

# Important Notice

As a professional voice encryption device, 'The Stealth Encrypt' can effectively protect the privacy of your call, but the sound quality of the encrypted call maybe not as good as the original voice; In addition, the sound quality of 'The Stealth Encrypt' is also affected by factors such as mobile phone voice enhancement function, cellular network signal strength, voice coding conversion of electromagnetic interference, data network latency or jitter, packet loss, etc., so we cannot guarantee that you can get the best sound quality under any circumstances.

Before purchasing or using this product, please read this article carefully. If you have any questions, please feel free to contact us!

# Suggestions

## **Suggestions For Encrypted cell calls**

To obtain better sound quality of encrypted calls, please try to follow the following suggestions :

1. While making an encrypted call, please turn off WLAN as much as possible;
2. While making an encrypted call, please do not turn off the device directly;
3. Encrypted call is not supported while charging 'The Stealth Encrypt';
4. For dual-card dual-standby phones, the SIM card used for making encrypted calls should be set as the preferred SIM card for the mobile data network.
5. In areas with relatively large electromagnetic interference, such as roadsides, stations, airports, etc., the mobile phone should be as close as possible to the 'The Stealth Encrypt' when making an encrypted call.
6. When you are walking or talking in a noisy environment, try to speak in a calm tone and at a lower speed.

## **Suggestions for Encrypted Voice Messages**

1. Indicator light "SEC" will start flashing after 3 seconds since the time of switching from encrypted call mode to encrypted voice message mode;
2. When sending a voice message and before starting to speak, please wait 1~2 seconds after pressing the record button. And delay 1~2 seconds to release the record button after ending the speech, so as to ensure the integrity of encrypted voice message.
3. Please turn off WIFI if the sound quality is in poor condition.
4. Do not speak directly to the microphone hole of the 'The Stealth Encrypt' , so as to avoid the deterioration of the encrypted voice quality caused by the airflow.

# Limitations

## Limitations :

1. 'The Stealth Encrypt' can support most of the high-end models of mainstream brand mobile phones, but it does not rule out that some models of mobile phones do not match this product due to their audio characteristics or Bluetooth communication characteristics, resulting in poor sound voice quality;
2. 'The Stealth Encrypt' doesn't support CDMA or CDMA2000 network;
3. Since 'The Stealth Encrypt' is connected to the mobile phone via Bluetooth, the Bluetooth signal is very susceptible to external electromagnetic interference (especially the 2.4G WiFi signal), which will cause worse sound quality. Therefore, it is recommended that the user turn off the mobile phone WLAN and shorten the distance between the phone and 'The Stealth Encrypt' as much as possible during the encrypted call.
4. As the network conditions and technical status of mobile operators in various countries vary greatly, we can't guarantee that 'The Stealth Encrypt' can make cross-border encrypted calls between all countries, nor can we guarantee that 'The Stealth Encrypt' can make roaming encrypted calls in all countries. When the sound quality of cross-border or roaming encrypted call is not good enough, you can try to use VoIP for encrypted call. It is recommended to use the "WhatsApp" communication tool.

# Limitations for Realtime Encryption of Voice Message with SNS apps

## **Limitations : Real time Encrypted Voice messages transmission via WhatsApp, Telegram, Kakao Talk**

### 1. The reason

- There are SNS Apps that are disabled from using the Bluetooth microphone when using the voice message sending function of the SNS Apps.

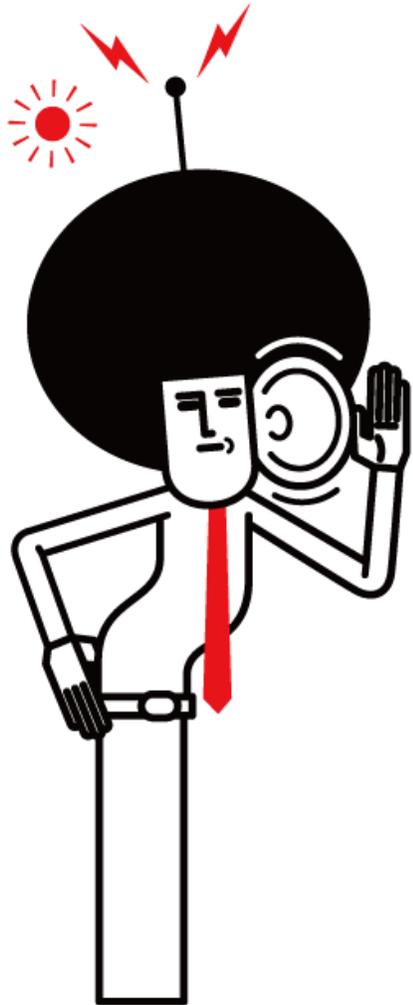
### 2. How can I know if the voice message encryption function works?

- Use 'The Stealth Encrypt' voice message encryption function to send voice messages from SNS Apps (Recorder Apps, etc.)
- Turn off 'The Stealth Encrypt' and play the transmitted (recorded) to listen. At this time, if you hear noise, it's encrypted, and if you hear it normally, it's not encrypted.

### 3. Suggest an alternative for your voice message security

- Instead of SNS App's send voice message function, you can use voice recording Apps.
- Although it is inconvenient, if you have to send an encrypted voice message, record the encrypted voice using the voice recorder App, file it, and send the file to the other party through various transmission methods such as SNS App and Email.

**In voice call mode using most SNS apps, the voice call encryption function works normally.**



THE **STEALTH** 

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