
BITHD Documentation

Release 3.8.3

BITHD

Sep 08, 2022

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1.1 BITHD Authenticity mark

To prevent you from getting fake goods or second-hand BITHD and protect your assets in a safe environment, Bitpie provides security verification.

Please check your BITHD before using it.

1. Verify the authenticity of BITHD. Scan the QR code in the last page of User Manual to verify.



2. Open Bitpie App - Me - Settings - BITHD Security Code - Select Scan QR Code (Scan the QR code in the last page of User Manual).



1.2 How to get started with my BITHD

1.2.1 Supported cryptocurrencies

At the moment BITHD supports BTC, ETH, USDT (omni and erc20) , BCH, BSV, EOS, ETH/Token(ERC20), LTC, DASH, ZEC, DOGE, etc.

Also supports BTC, ETH, USDT, EOS multi-signature function

1.2.2 Exterior appearance

Your BITHD includes an OLED screen, two buttons and supports wireless charging.



Two buttons for user guidance

The lower button is for “confirm” , and the upper button is for “cancel”

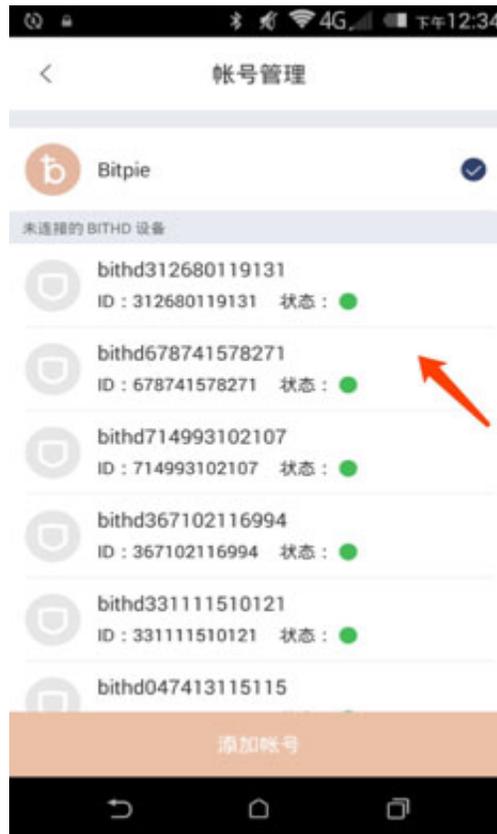
As you can see, the watch does not have any power button. Pressing any button once the screen will display the account balance; pressing the button twice it will display the BITHD serial number information; pressing the button three times it will display the time information.

Confirm the button for 3-4 seconds to perform the shutdown operation.

1.2.3 Connect your device

1. Make sure your Bitpie App version is above v3.0.7. Inside Bitpie App go to “Me” and to Account Management page.

2. According to the device number (pressing any button on the watch twice, the screen will display the BITHD serial number information), select the device you want to connect and pair it.



3. Pairing code will be displayed on the BITHD, afterwards input this code in Bitpie App. When the pairing process is completed, the device will begin to be initialized. At that moment, you can create a BITHD account.

1.2.4 Create my BITHD account

1. The first time you enter the new wallet you will have to name it (device tag).

2. After entering the name, set a 6-8 digits PIN Code. Enter the nine numbers that appears in the BITHD in the App. Please remember your PIN code, it can not be retrieve if missing. You will need to enter the PIN code for any operation with the required signature.



In the image above we show you the PIN code entering rule, numbers must be entered in the corresponding location that shows in the Watch.

3. After setting the PIN code, take out your seed card and start copying your seeds! Be sure to copy carefully your 12 seed phrases.



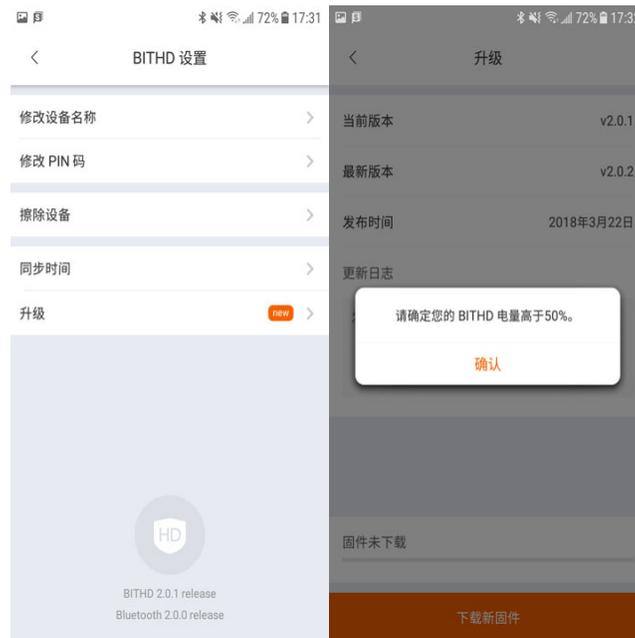
4. Once the BITHD account is created, you can freely switch between your BITHD and Bitpie accounts in the Bitpie App.

1.3 How to upgrade the firmware?

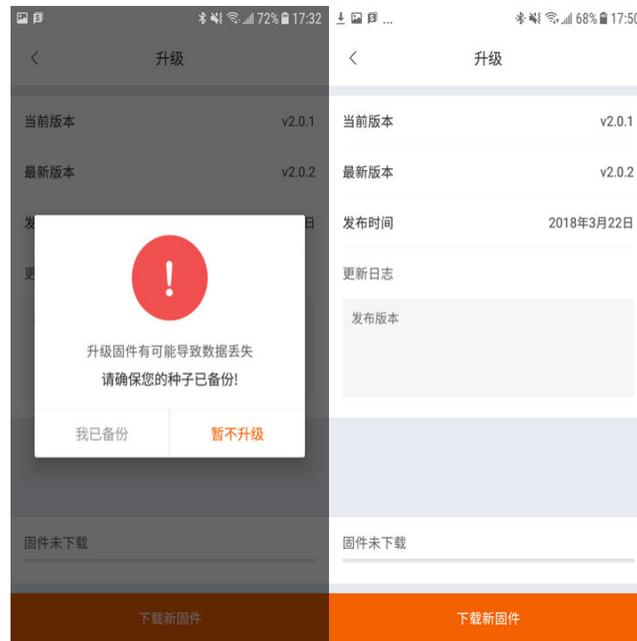
In order to experience the functions of the new version, upgrading the firmware is an indispensable step. If the firmware upgrade process has some operating problems, data loss may occur, so please be sure to write down correctly the seed phrases before this operation.

1.3.1 Firmware upgrade

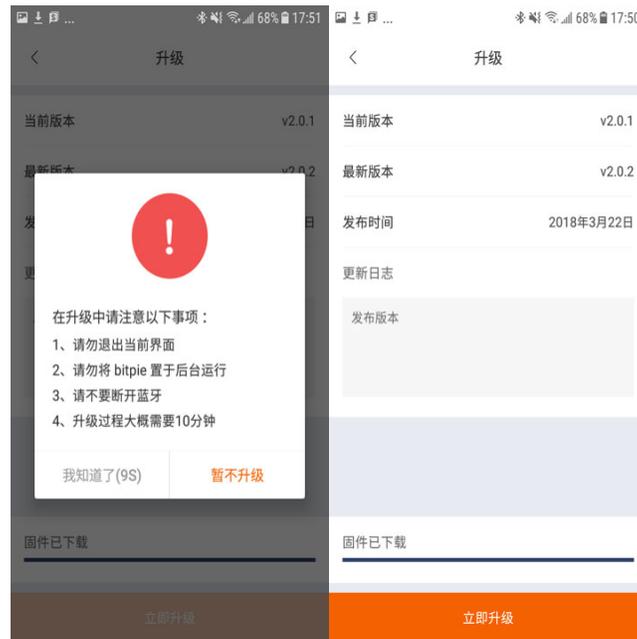
1. Upgrade Firmware when the phone battery is higher than 50%, to avoid low battery problem during the upgrade process, causing the interruption of the upgrade.



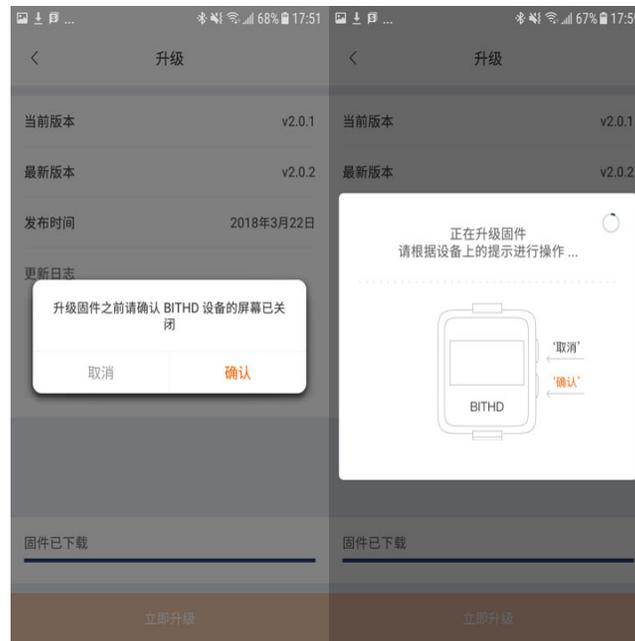
2. Firmware upgrade could cause data loss, make sure you have backed up your seeds phrases.



3. cautions during the firmware upgrade process (very important) - Do not exit the upgrade interface - Do not operate in background, viz., do not switch to other applications, do not return to the Home screen - Do not disconnect the Bluetooth connection.



4. To avoid the failure in the upgrade process, please follow the indications



1.4 What if my BITHD, PIN or seed phrases got lost?

1.4.1 BITHD Wallet

If your BITHD wallet got lost, stolen or broken, you can always restore it in another BITHD wallet or in any BIP39 compatible wallet, but you must ensure that you have correctly backed up the 12 seed phrases.

The 12 seed phrases are extremely important and they determine if you are the owner of the digital assets. So do never reveal or loss them.

1.4.2 If you forget your PIN Code

Once your PIN code is forgotten, BITHD will be locked and your BITHD will not be available. But your assets is safe and still in the possession of mnemonics. It will not be affected. The current version does not support unlocking, we will provide unlocking features in subsequent versions. Please keep your 12 mnemonics, the only way you can control your assets. If the mnemonic is lost, the assets can not be recovered.

1.4.3 If you lose your seed phrases

The seed phrases card where you wrote the 12 seed phrases is extremely important. Make sure you keep it in safe place.

If you lose your seed card, you will need to transfer immediately all your assets to a temporary wallet. Then using BITHD, create a new set of seed phrases. After that, transfer your assets back to your account wallet.

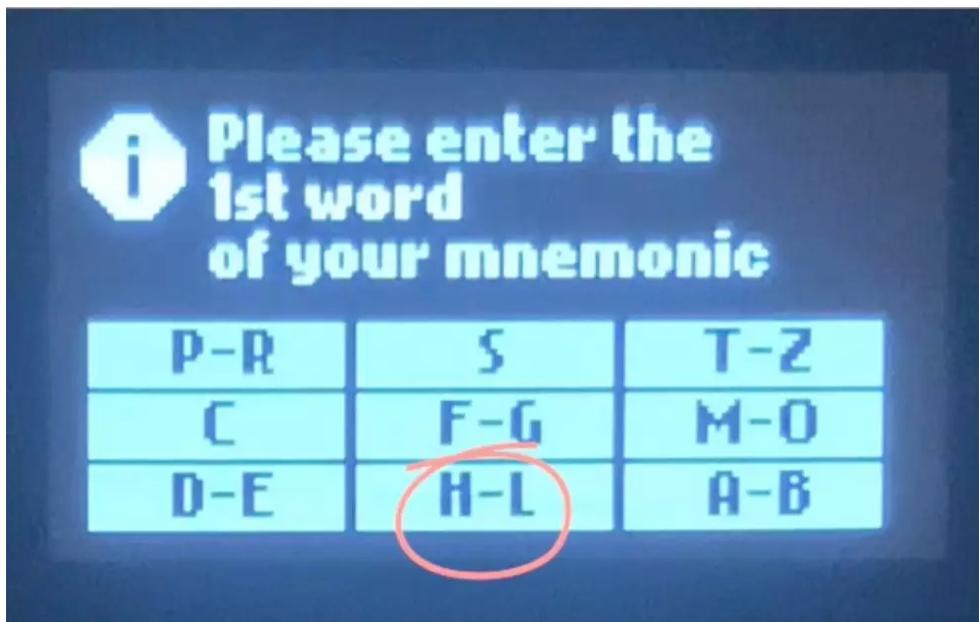
1.4.4 BITHD seed phrases recovery

1. Open Bitpie App. BITHD - Find your BITHD device.
2. On the password page, select “Recover an Existing Wallet” .
3. Go to the “Welcome to BITHD” page to name the BITHD.
4. Begin the recovery of the seed, first set the PIN code. The numbers shown in the BITHD must be entered in the corresponding location that shows in the watch, after entering all the numbers, click OK. Go to PIN confirmation page and re-enter the PIN Code.
5. Go to the “Choose the seed phrase according to the BITHD” page. Choose the seed phrase that the BITHD device indicates.

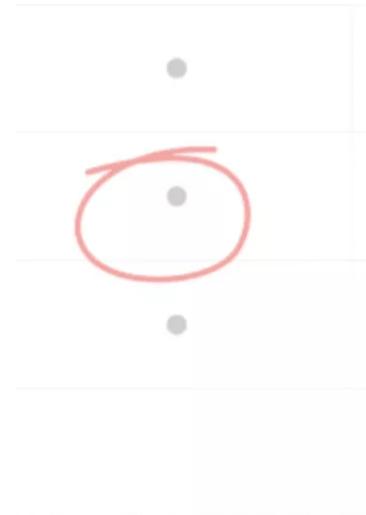
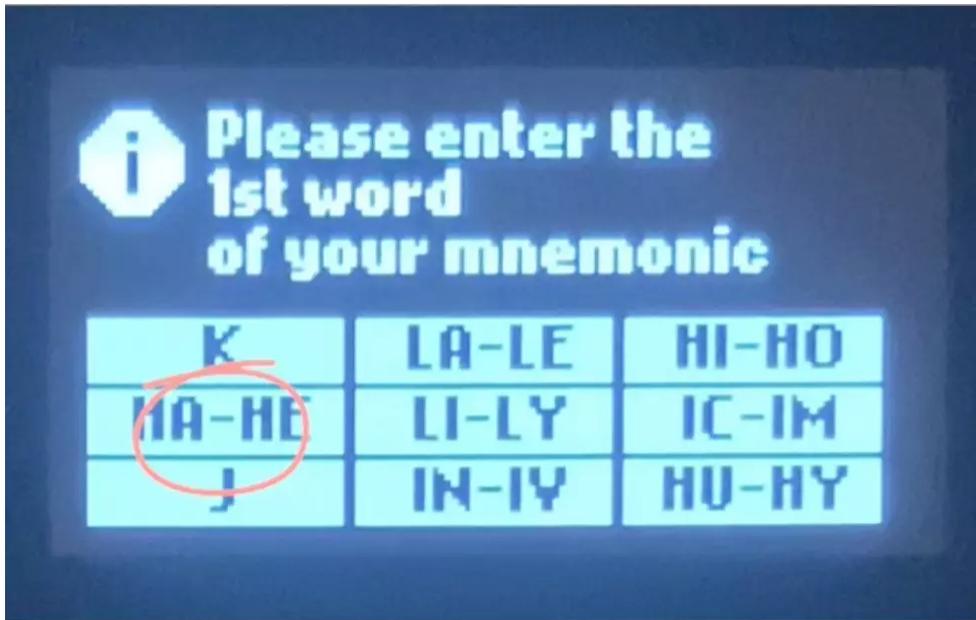
Please enter the 1st word of your mnemonic

First, take the word “HEAVY” as an example

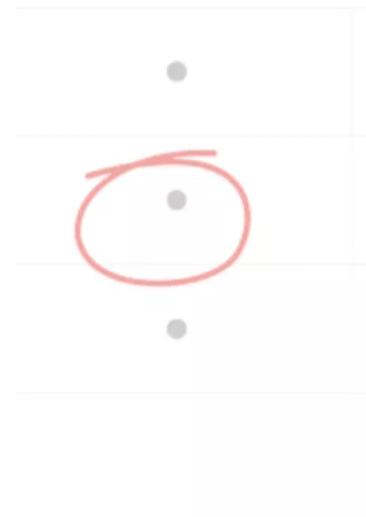
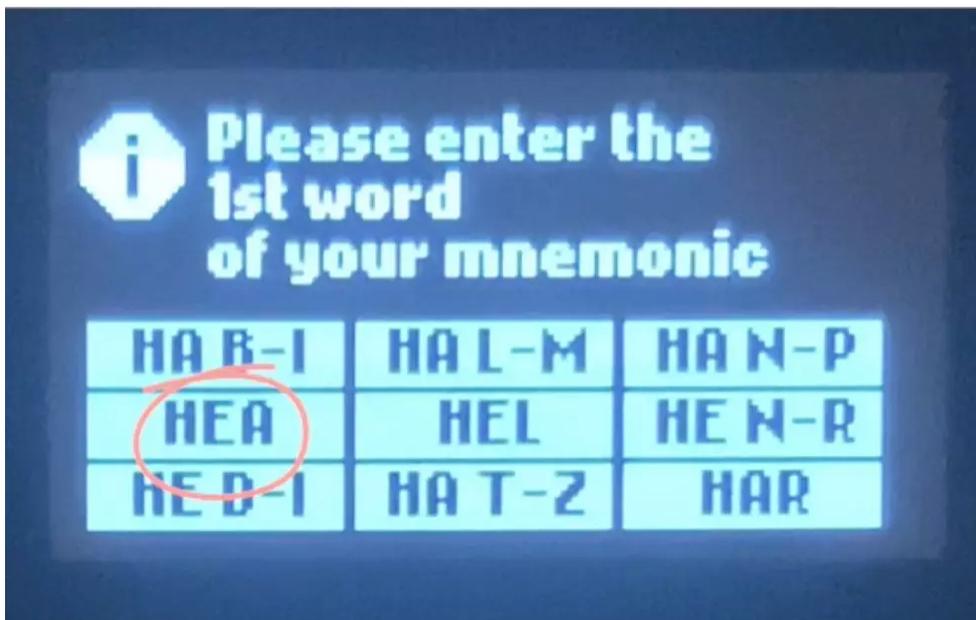
- a. First find the position of the first letter “H” on the hardware side, and click on the corresponding position on the phone keyboard



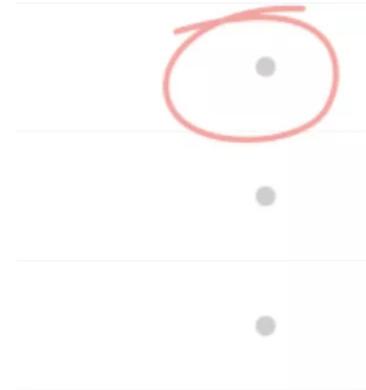
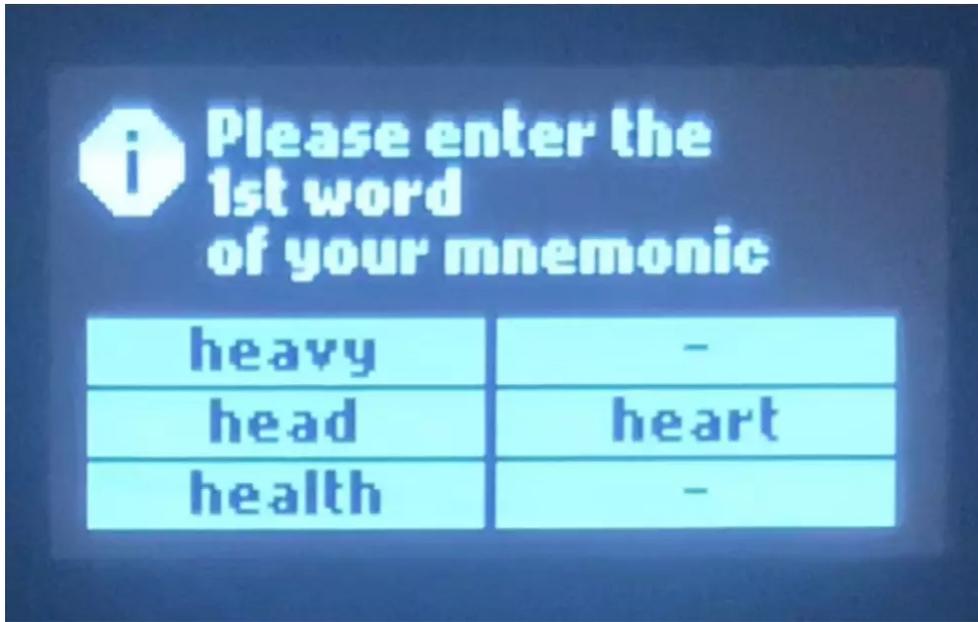
- b. At this time, the hardware screen will enter the selection page of the second letter “E” , and find the key where “HE” is



c. At this time, the device screen will enter the third letter selection interface, and find the location of the “HEA” we need.



d. At this point, the screen of the device has been positioned to the word “HEAVY” we want to enter, remember its key position, and click the position corresponding to “HEAVY” .



5. After entering all of them, the app will indicate you “Restoring account, operate according indications on the BITHD” . Press the confirmation button (lower button) on the BITHD.



Note: Do not interrupt during the BITHD recovery process, please enter seed phrases under the indications.

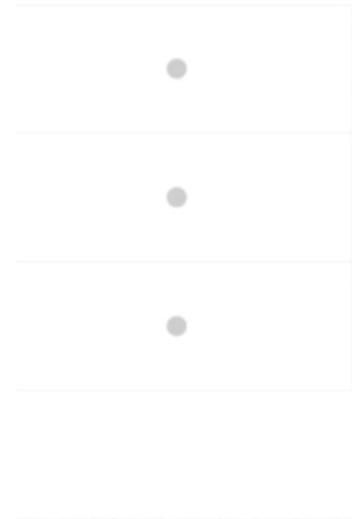
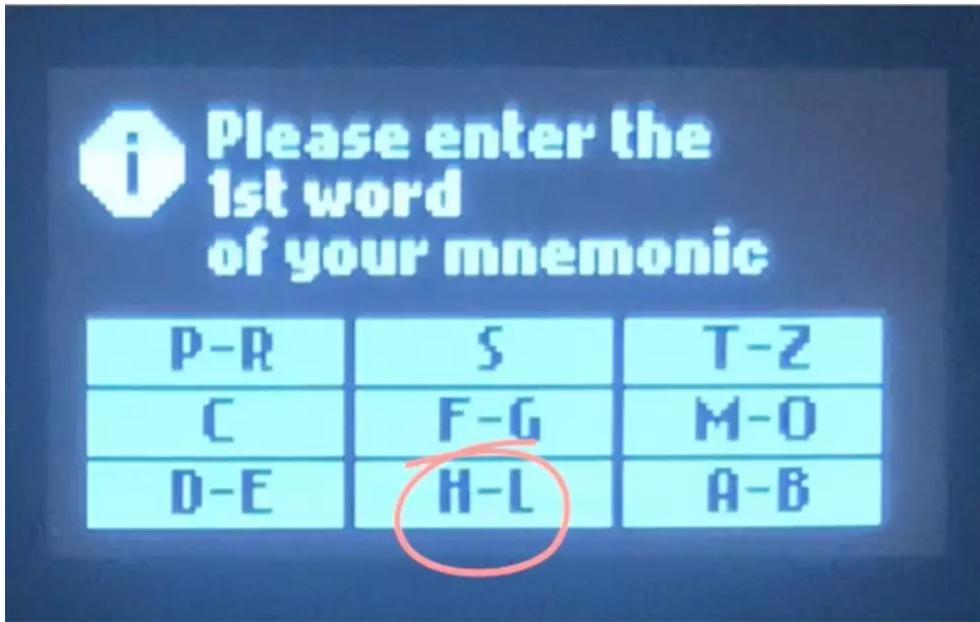
1.4.5 BITHD seed phrases verification

1. Connect BITHD with Bitpie App.
2. Me – BITHD Setting – Verify Seed (Do not interrupt seed verification process, please enter according to BITHD indications).
3. Enter PIN Code.
4. The following statement will be shown in the BITHD watch during the seed verification interface.

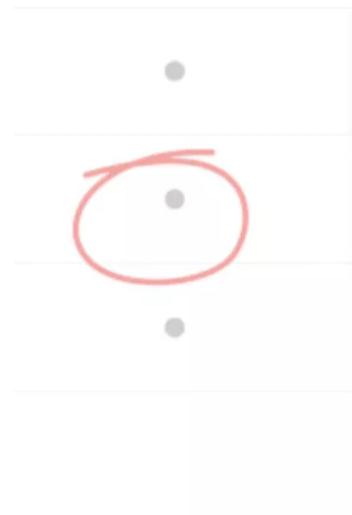
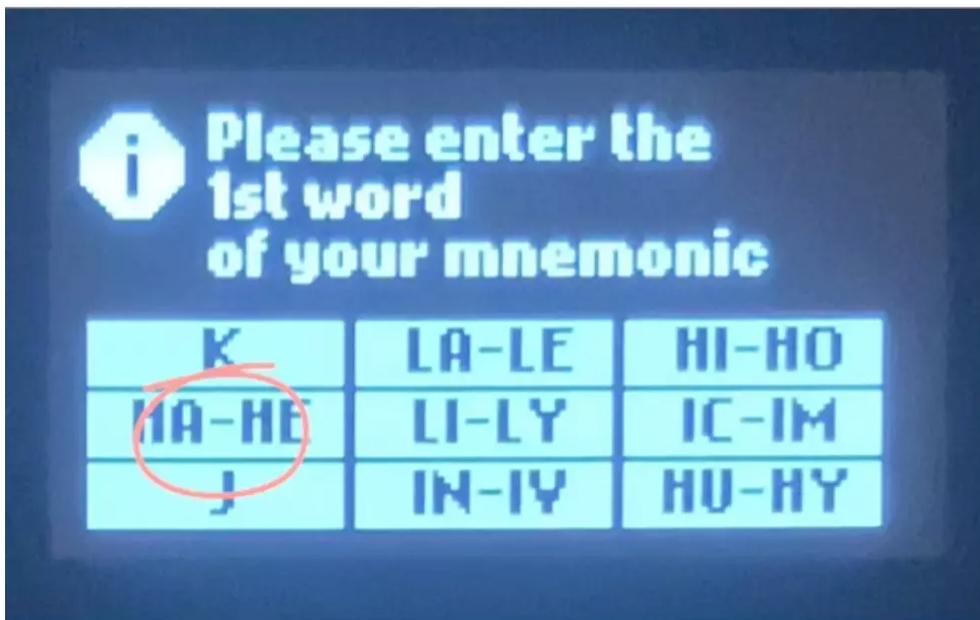
Please enter the 1st word of your mnemonic

First, take the word “HEAVY” as an example

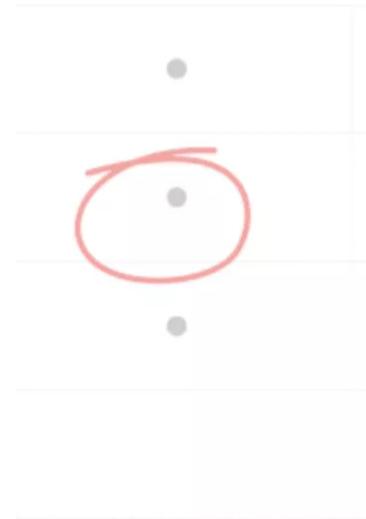
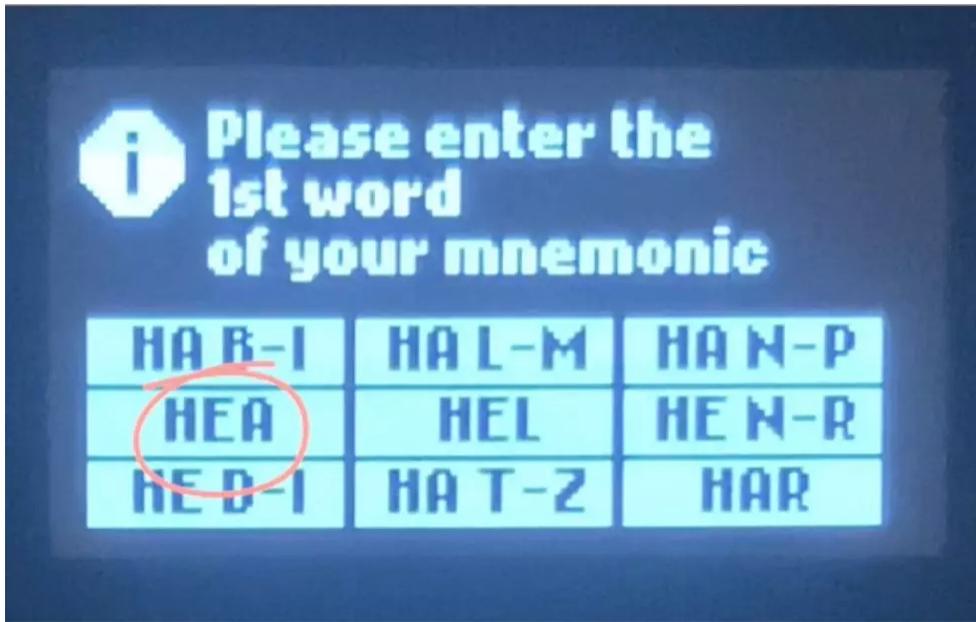
- a. First find the position of the first letter “H” on the hardware side, and click on the corresponding position on the phone keyboard



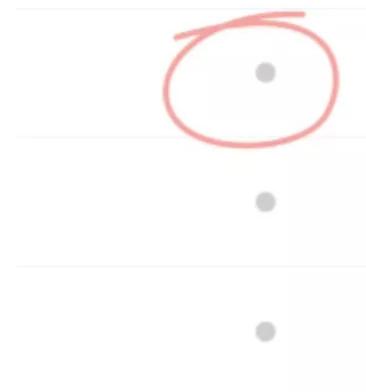
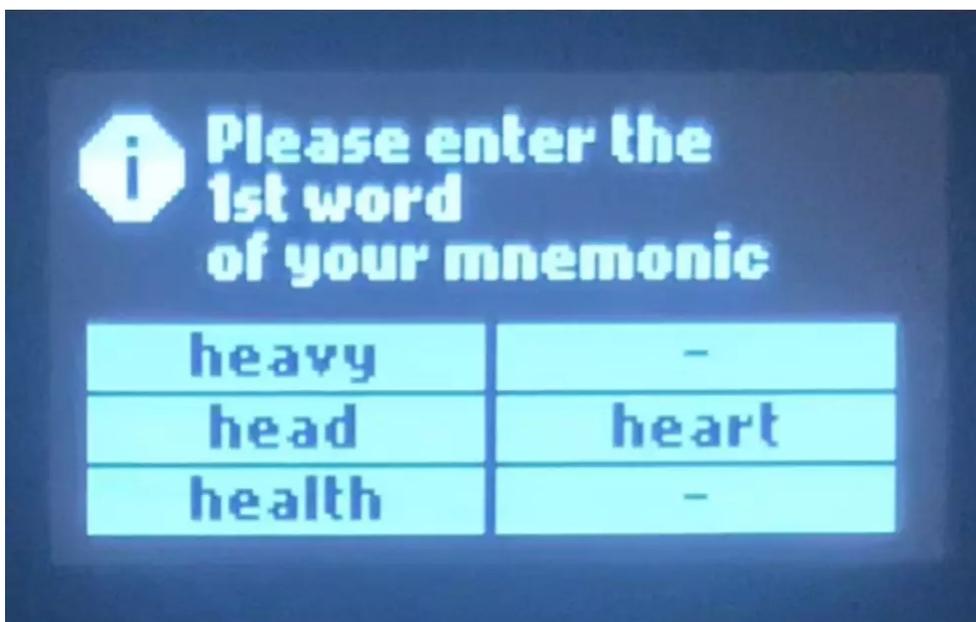
b. At this time, the hardware screen will enter the selection page of the second letter "E", and find the key where "HE" is



c. At this time, the device screen will enter the third letter selection interface, and find the location of the "HEA" we need.



d. At this point, the screen of the device has been positioned to the word “HEAVY” we want to enter, remember its key position, and click the position corresponding to “HEAVY” .



5. After entering all of them, the app will indicate you “Verifying the seed phrases, operate according indications on the BITHD” . Press the confirmation button (lower button) on the BITHD.



1.5 Sending and receiving assets

In the following steps (for sending and receiving) we are going to use BTC as an example. Switch to BTC coin management in the BITHD account.

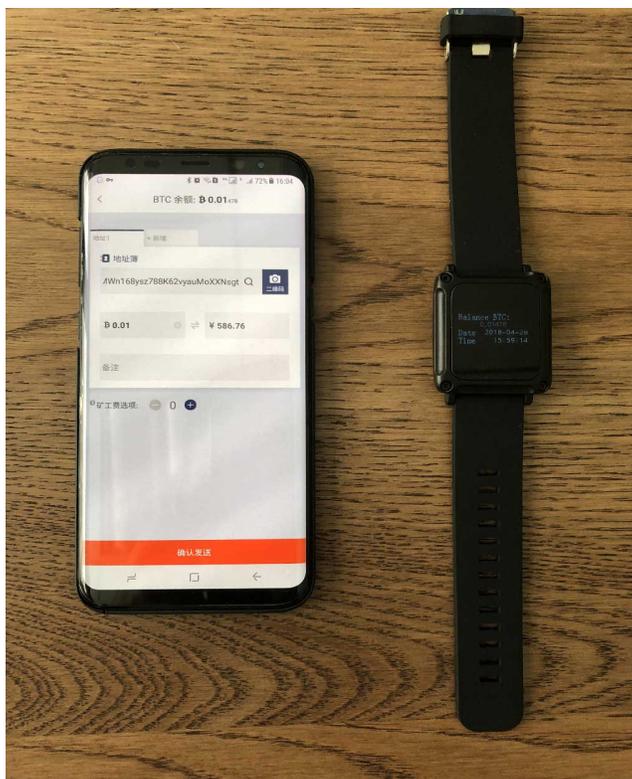
Note: Please make sure you have your seed phrases backed up before receiving assets.

1.5.1 Receiving BTC

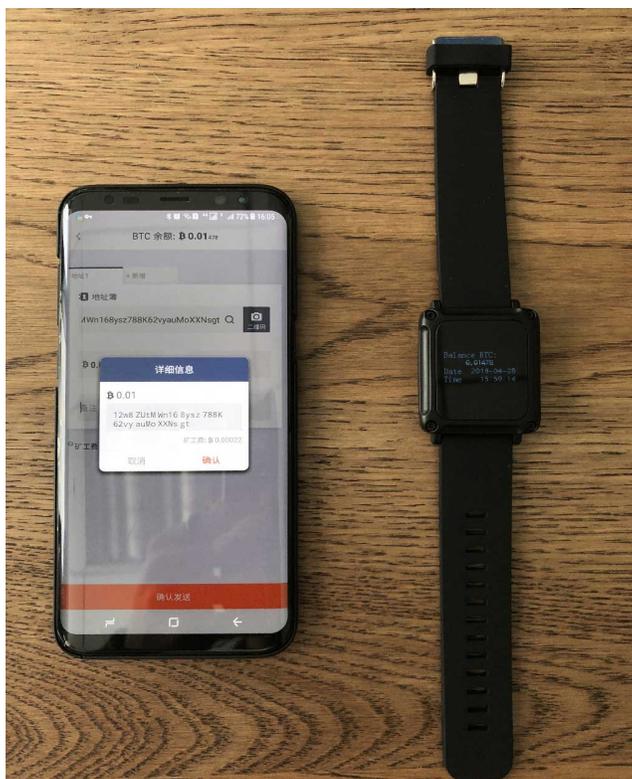
In the BITHD wallet Main page select BTC – Select receive – Select my BTC address.

1.5.2 Sending BTC

In the BITHD wallet Main page select BTC– Select Send – Enter the correct BTC receiving address (e.g. 12w8ZUtMWn168ys788K62vyauMoXXNsgt), enter the amount to be sent (e.g. 0.01).

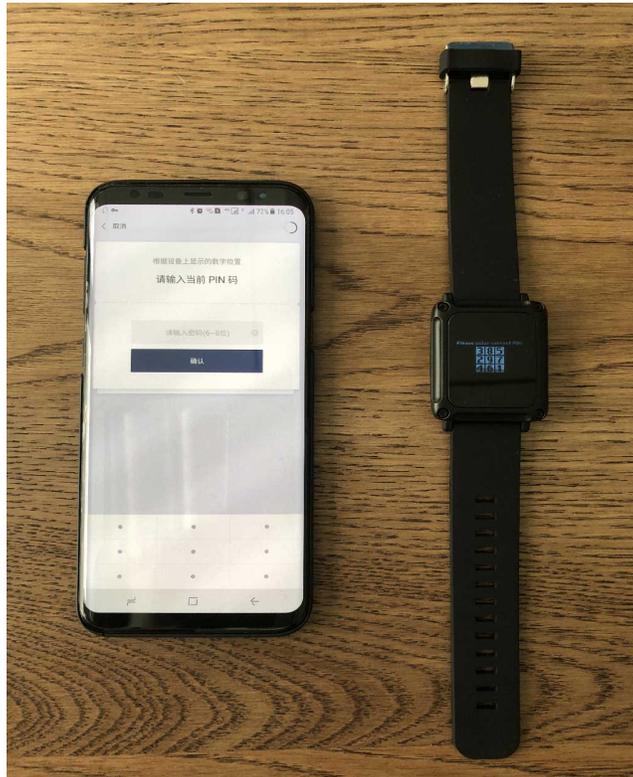


Click on confirm sending.

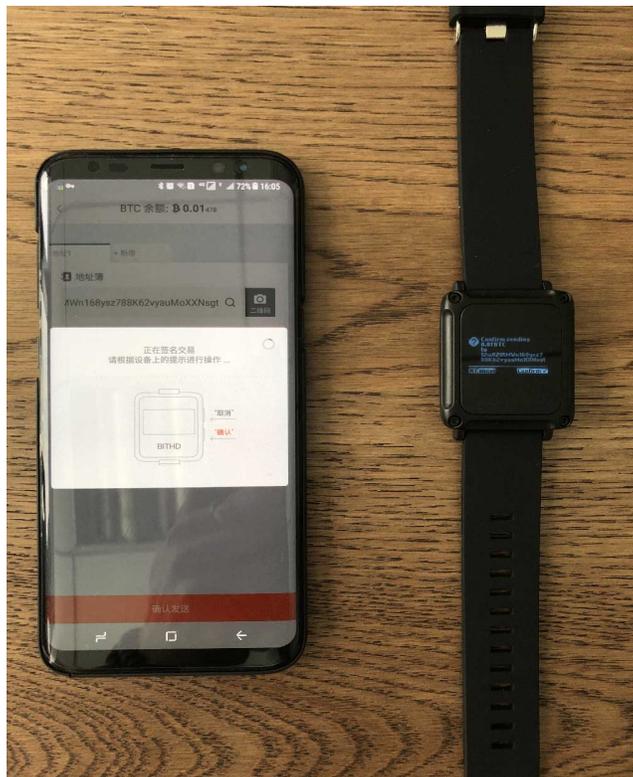


At this point, the screen will display the specific miner fees, the receiving address and the sending amount.

Press Confirm.



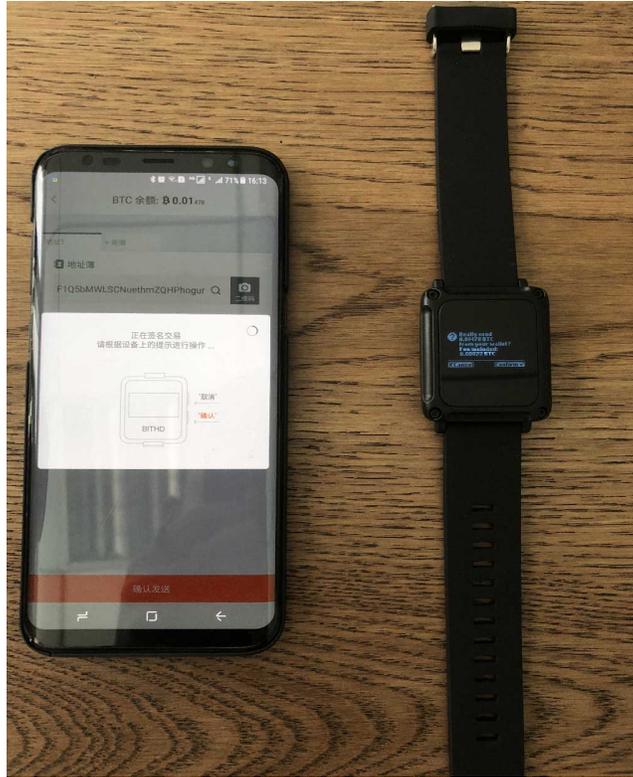
Enter your current PIN Code.



The First confirmation sending 0.01 BTC to 12w8ZUtMWn168ysz788K62vyauMoXXNsgt. (Confirm sending 0.01 BTC to 12w8ZUtMWn168ysz788K62vyauMoXXNsgt? Confirm or cancel)



The Second confirmation sending 0.00456 BTC to my change address 15ShVH8kH19bmmrx1Y53cjrGwsp893GEk (Confirm sending 0.00456 BTC to 15ShVH8kH19bmmrx1Y53cjrGwsp893GEk? Confirm or Cancel).



The Third confirmation sending, 0.00022 BTC miner fee is required to complete this transaction (Really send 0.01478 BTC from your wallet? Fee included:0.00022 BTC). After this transaction' s confirmation, the process is completed.

Note: The above addresses are just an example, write the correct sending address.

1.6 BITHD Multi-Signature

Current supporting coins: BTC, ETH, EOS

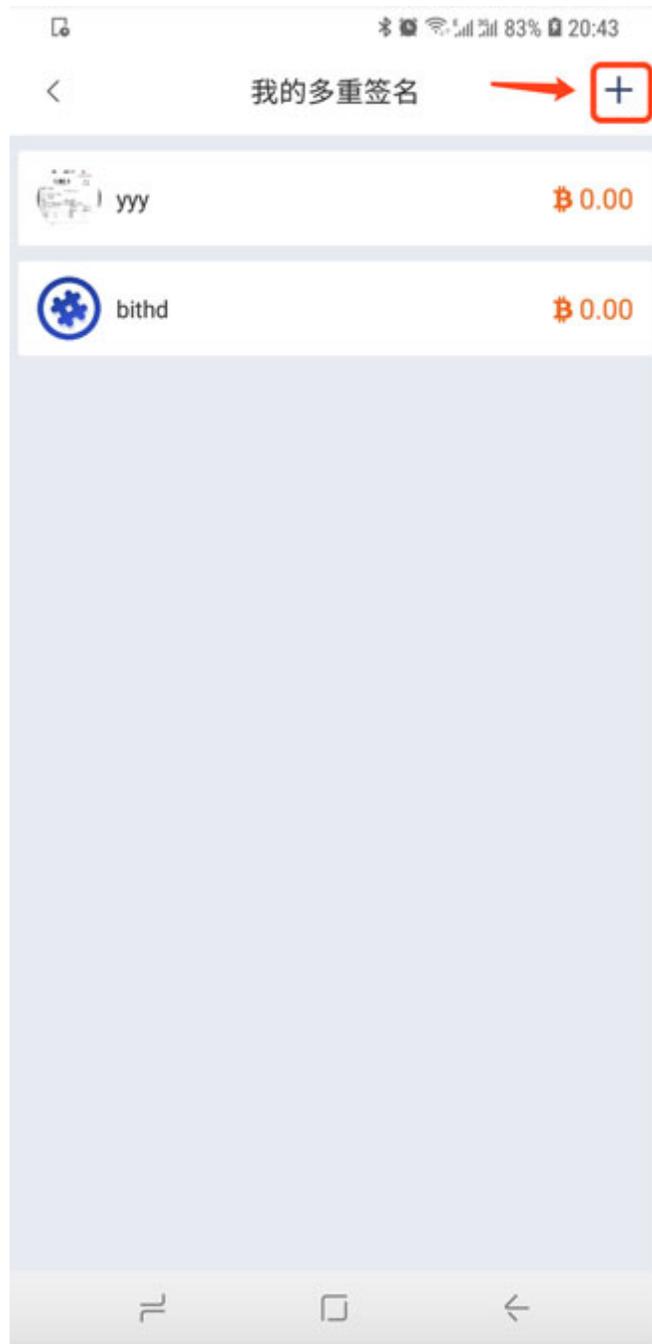
Explanation: You must have Bitpie App version above 3.7.8, multiple people assets management function, in the sending process multi signature operation is needed.

1.6.1 Create Multi-Signature account

The inviter' s instructions:

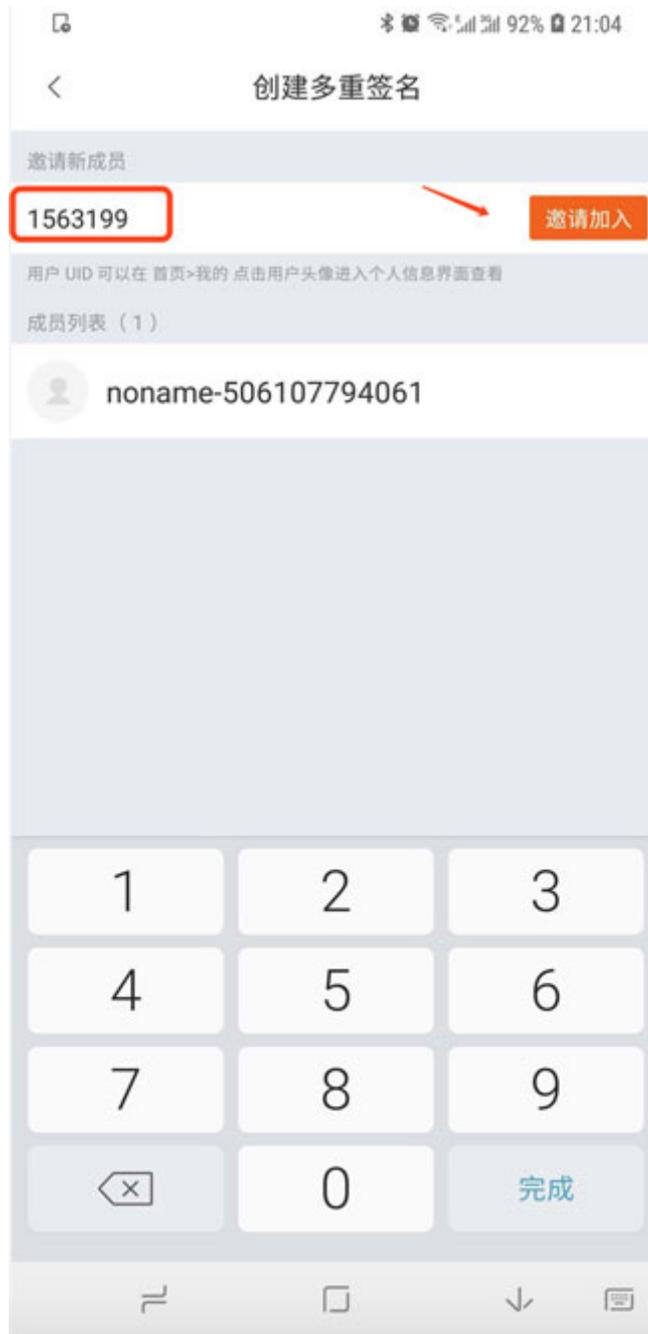
- 1.Switch to the BITHD account, select BITHD Multi-Signature, and select the “+” sign in the upper right corner. In the “Create Multi-Signature” page, choose an icon and title that suits you.







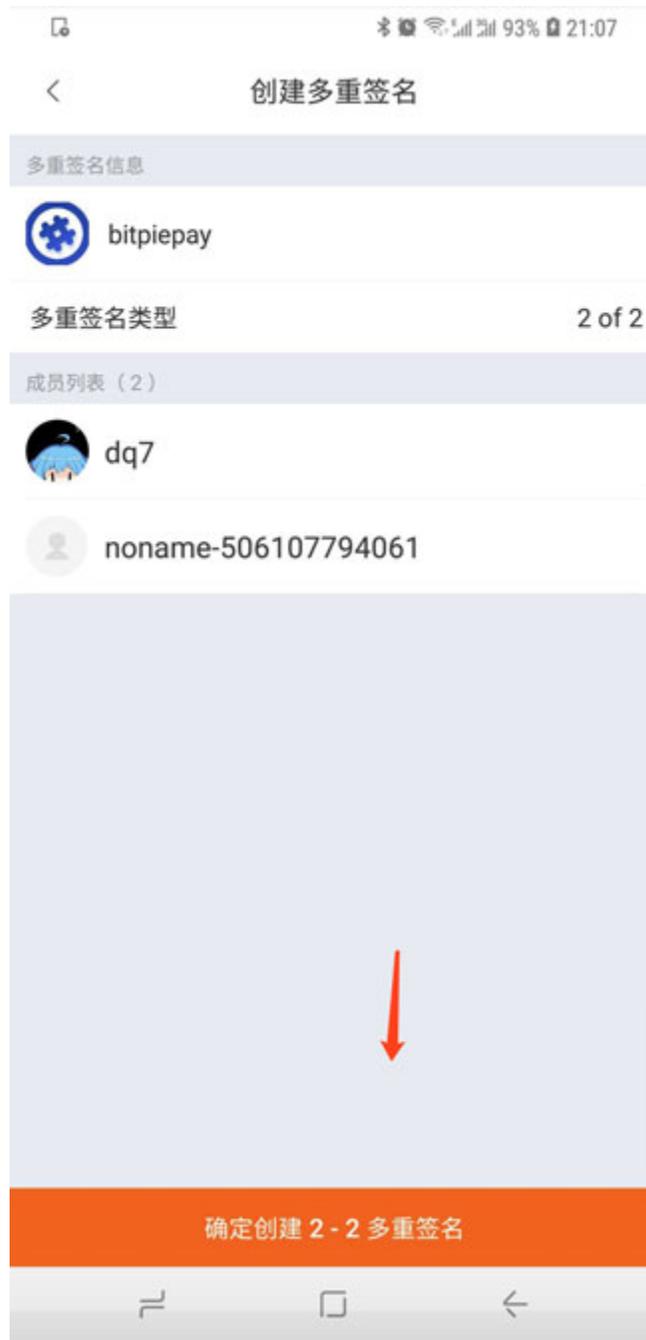
2. Invite new members, enter the UID that requires multiple signatures. This UID must be the UID of BITHD (in me-avatar, you can see it), click “Joining by invitation” and then click Next.



3. Confirm the number of signatures and click on Confirm button.



4. Confirm multi-signature again.



5. Enter BITHD PIN Code.

6. Create a multi-signature watch confirmation. After the confirmation in the watch, it will show that the creation is completed.



The Invitees instruction:

1. Switch to the invitee's account and select check the latest records. The corresponding multi-signature information will appear, go to "join multi-signature" page.





2. Enter BITHD PIN Code.

3. Confirm on BITHD wallet.

1.7 BITHD 密码账户

比特护盾密码账户是比特护盾的可选功能，建议密码保管能力较强的人使用。

启用加密账户后的好处：

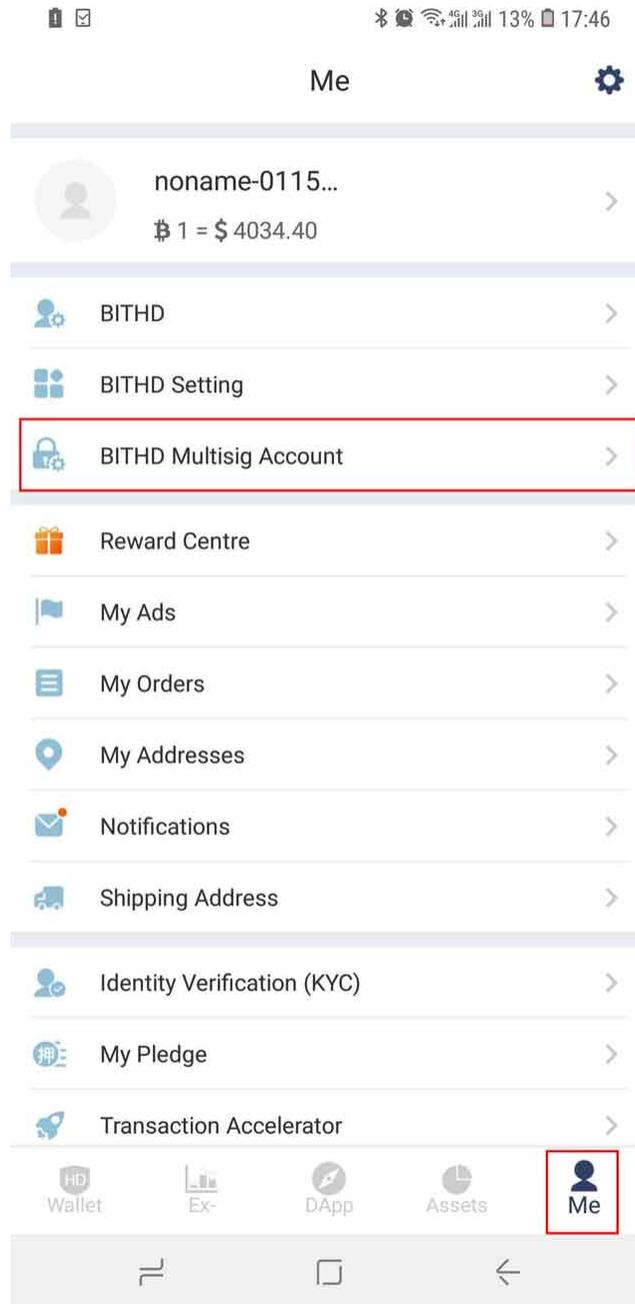
1. 拥有双重保护，发币等相关资产操作需要双重验证，PIN 码 + 加密账户密码。
2. 存储在加密账户中的资产，即使 12 个种子泄露，也依然无需担心，黑客在没有密码情况下是无法获取您加密账户的资产的。

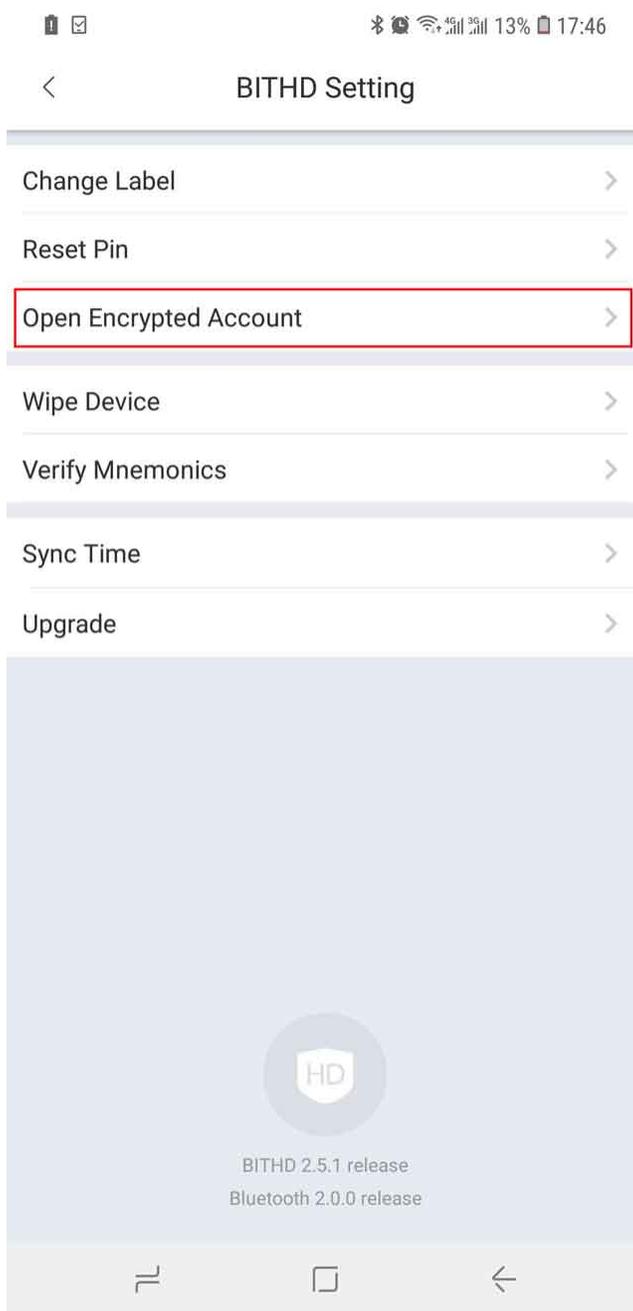
提示：

请牢记此密码，如果忘记此密码，加密账户下的所有资产将全部丢失，且无法通过种子密语找回。

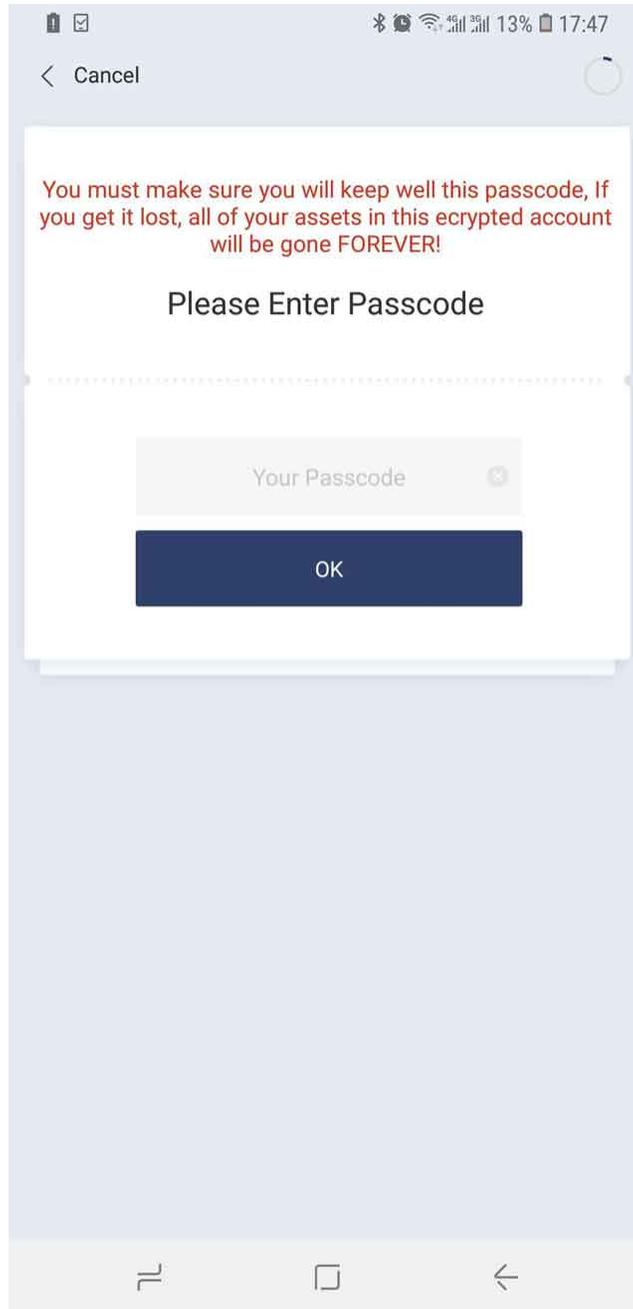
操作方法：

1. 更新比特派版本至 3.8.3。
2. 打开我的菜单，BITHD 设置，启用加密账户。





3、输入 PIN 码之后，出现密码账户的页面。



2.1 RAZOR Authenticity mark

To prevent you from getting fake goods or second-hand RAZOR and protect your assets in a safe environment, Bitpie provides security verification.

Please check your RAZOR before using it.

1. Verify the authenticity of Razor. Scan the QR code in the last page of User Manual to verify.



2. Open Bitpie App - Me - Settings - BITHD Security Code - Select Scan QR Code (Scan the QR code in the last page of User Manual).



2.2 How to get started with my RAZOR

2.2.1 Supported cryptocurrencies

At the moment RAZOR supports BTC、ETH、USDT、EOS、BCH、BSV、ETH/Token(ERC20)、EOS Token、LTC、DASH、ZEC、DOGE, etc.

2.2.2 Exterior appearance

Your RAZOR includes an OLED screen, two buttons and supports USB 2.0 charging.



Two buttons for user guidance

The left button is for “cancel” , and the right button is for “confirm”

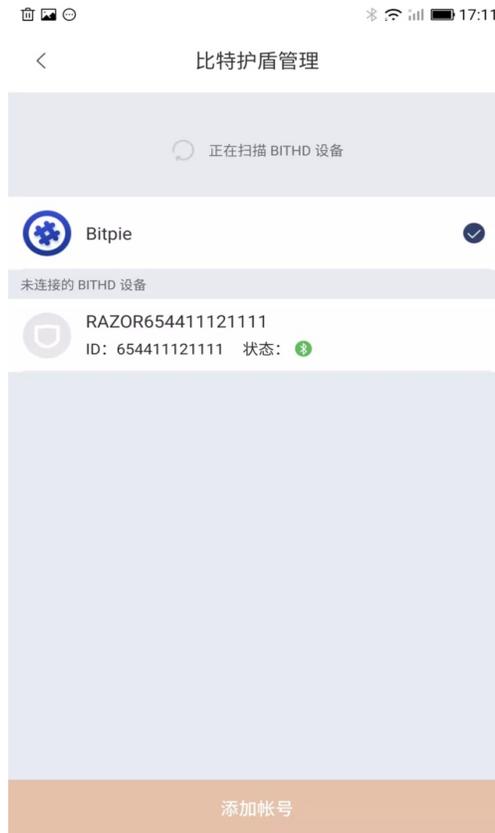
Long press 1.5 second - switch on or switch off. Short press - cancel, return. Pressing any button once the screen will display the account balance; pressing the button twice it will display the RAZOR serial number information;

Please charge the Razor according to the instruction in the picture, be careful the arrow side up



2.2.3 Connect your device

1. Make sure your Bitpie App version is above v4.0.4. Inside Bitpie App go to “Me” and to Account Management page.
2. According to the device number (pressing any button on the watch twice, the screen will display the RAZOR serial number information), select the device you want to connect and pair it.



3. Pairing code will be displayed on the RAZOR, afterwards input this code in Bitpie App. When the pairing process is completed, the device will begin to be initialized. At that moment, you can create a RAZOR account.

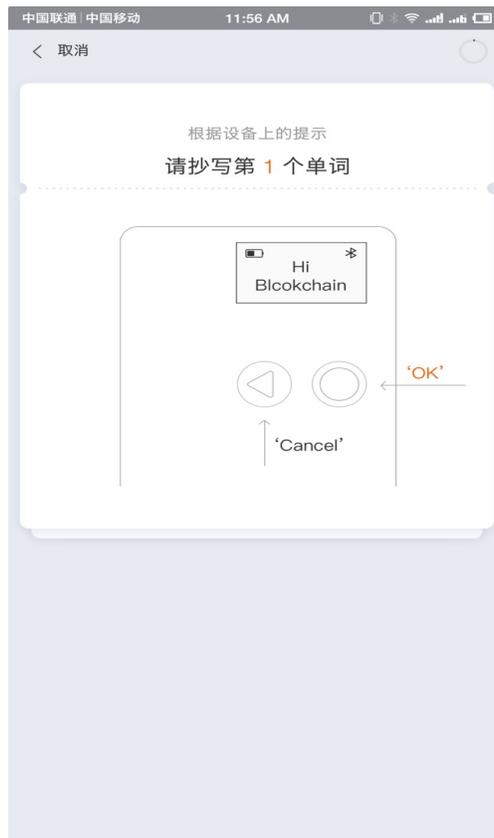
2.2.4 Create my RAZOR account

1. The first time you enter the new wallet you will have to name it (device tag).
2. After entering the name, set a 6-8 digits PIN Code. Enter the nine numbers that appears in the RAZOR in the App. You will need to enter the PIN code for any operation with the required signature.



In the image above we show you the PIN code entering rule, numbers must be entered in the corresponding location that shows in the Watch.

3. After setting the PIN code, take out your seed card and start copying your seeds! Be sure to copy carefully your 12 seed phrases.



4. Once the RAZOR account is created, you can freely switch between your RAZOR and Bitpie accounts in the Bitpie App.

2.3 Sending and receiving assets

In the following steps (for sending and receiving) we are going to use BTC as an example. Switch to BTC coin management in the BITHD account.

Note: Please make sure you have your seed phrases backed up before receiving assets.

2.3.1 Receiving BTC

In the BITHD wallet Main page select BTC – Select receive – Select my BTC address.

2.3.2 Sending BTC

In the BITHD wallet Main page select BTC– Select Send – Enter the correct BTC receiving address (e.g. 3BwDCPaYBCbYWecqBfJJax4D217z2PuKv8), enter the amount to be sent (e.g. 0.0009).



Click on confirm sending.



At this point, the screen will display the specific miner fees, the receiving address and the sending amount. Press Confirm.



Enter your current PIN Code.



The First confirmation sending 0.0009 BTC to 3BwDCPaYBCbYWEcqBfJJax4D217z2PuKv8. (Confirm sending 0.0009 BTC to 3BwDCPaYBCbYWEcqBfJJax4D217z2PuKv8? Confirm or cancel)



The Second confirmation sending 0.00006 BTC to my change address 33y93ksuvm... (Confirm sending 0.00006 BTC to 33y93ksuvm...? Confirm or Cancel).



The Third confirmation sending, 0.00002 BTC miner fee is required to complete this transaction (Really send 0.00098 BTC from your wallet? Fee included:0.00002 BTC). After this transaction's confirmation, the process is completed.

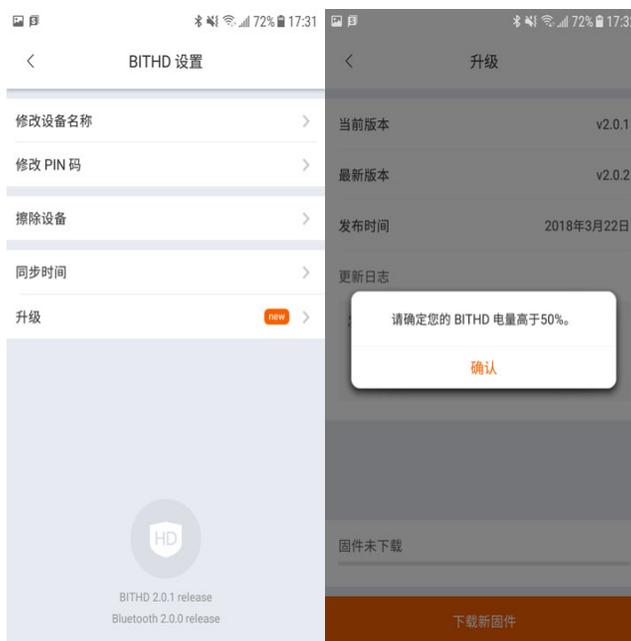
Note: The above addresses are just an example, write the correct sending address.

2.4 How to upgrade the firmware?

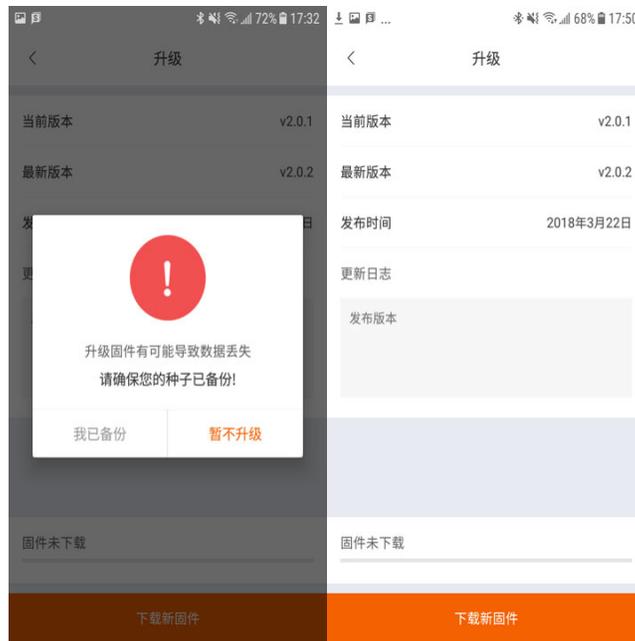
In order to experience the functions of the new version, upgrading the firmware is an indispensable step. If the firmware upgrade process has some operating problems, data loss may occur, so please be sure to write down correctly the seed phrases before this operation.

2.4.1 Firmware upgrade

1. Upgrade Firmware when the phone battery is higher than 50%, to avoid low battery problem during the upgrade process, causing the interruption of the upgrade.



2. Firmware upgrade could cause data loss, make sure you have backed up your seeds phrases.



3. cautions during the firmware upgrade process (very important) - Do not exit the upgrade interface - Do not operate in background, viz., do not switch to other applications, do not return to the Home screen - Do not disconnect the Bluetooth connection.



2.5 What if my BITHD RAZOR, PIN or seed phrases got lost?

2.5.1 BITHD RAZOR Wallet

If your BITHD RAZOR wallet got lost, stolen or broken, you can always restore it in another BITHD RAZOR wallet or in any BIP39 compatible wallet, but you must ensure that you have correctly backed up the 12 seed phrases.

The 12 seed phrases are extremely important and they determine if you are the owner of the digital assets. So do never reveal or loss them.

2.5.2 If you forget your PIN Code

Once your PIN code is forgotten, BITHD RAZOR will be locked and your BITHD RAZOR will not be available. But your assets is safe and still in the possession of mnemonics. It will not be affected. The current version does not support unlocking, we will provide unlocking features in subsequent versions. Please keep your 12 mnemonics, the only way you can control your assets. If the mnemonic is lost, the assets can not be recovered.

2.5.3 If you lose your seed phrases

The seed phrases card where you wrote the 12 seed phrases is extremely important. Make sure you keep it in safe place.

If you lose your seed card, you will need to transfer immediately all your assets to a temporary wallet. Then using BITHD, create a new set of seed phrases. After that, transfer your assets back to your account wallet.