

aijiebots crypto trading bots Tutorial

Contents

- Tutorial1: System requirements-----3
- Tutorial2: Trading bot pre-configuration-----4
- Tutorial3: How to configure OKX API?-----7
- Tutorial4: How to configure binance API? -----9
- Tutorial5: How to set parameters for the crypto trading bot? -----12
- Tutorial6: How to backtest the crypto trading bot ? -----19

➤ System requirements

- 1、 windows XP system later, personal or server version, for example: Vista, Windows7, Windows server 2008/2012/2016/2019/2022 for 32-bit or 64-bit at least one core CPU and 1G Memory.

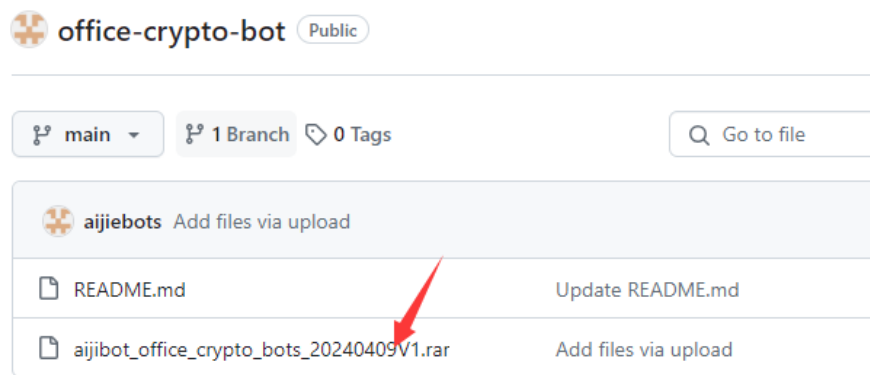


- 2、 office2007 later, for example: office2007/2010/2013/2016/2019/2022/365 or WPS supporting VBA



➤ Trading bot pre-configuration

1. Download aijiebots office crypto trading bots:
<https://github.com/aijiebots/office-crypto-bot/tree/main>



2. Unzip to the specified directory, including the two files with xlsx and exe suffixes, which must be in the same directory;



Notes: If the bot is killed by anti-virus software or firewall safeguard, please add the above two files to the trust list. Don't worry, the software has no any backdoors.

➤ Trading bot pre-configuration

3. Double-click to open the file with the xlsx suffix, and the following interface will appear:

ajibot量化交易机器人_ok_bian.x

okex_exe.exe

打开(O)

新建(N)

A	B	C	D	E	
Margin mode	single	Language	English		
USDT Balance	6620.4468	6620.446781			
Account Leverage	3.123E-05				
Hybrid Ratio	0.5				
Take Profit Balance	6650				Start Bots
Stop Loss Balance	6625				
Trading Platform	binance				
ETH-USDT-SWAP2024/4/8 23:44:45					
Contract Symbol	Side	Lower Price	Upper Price	Grid Spacing	Grid
NEO-USDT-SWAP	long	8.4064	25.2192	0.003	

Account

Botstrading

Backtest

Bulkorder

Statistics

logs

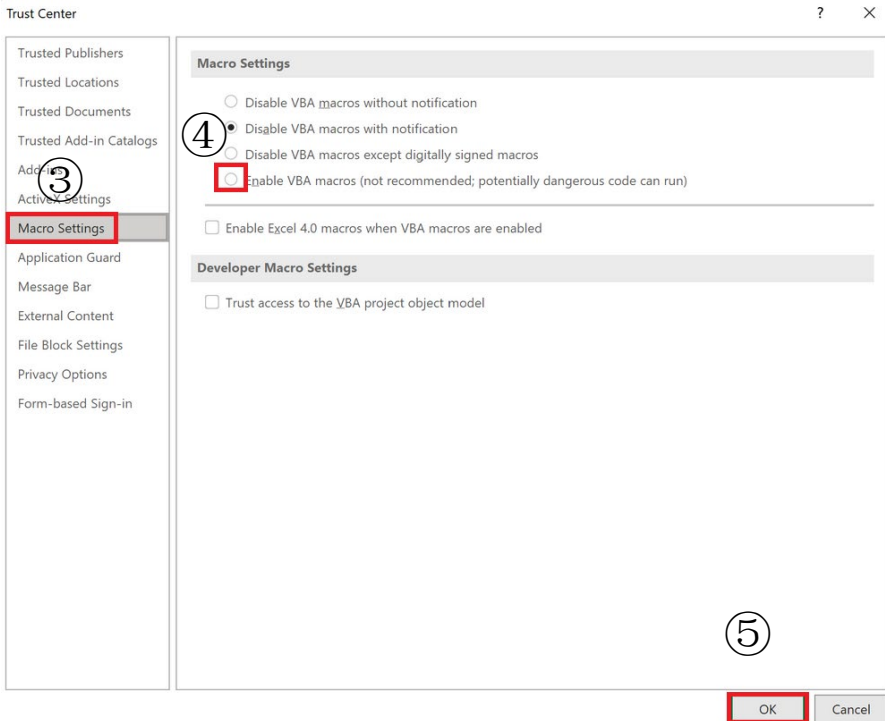
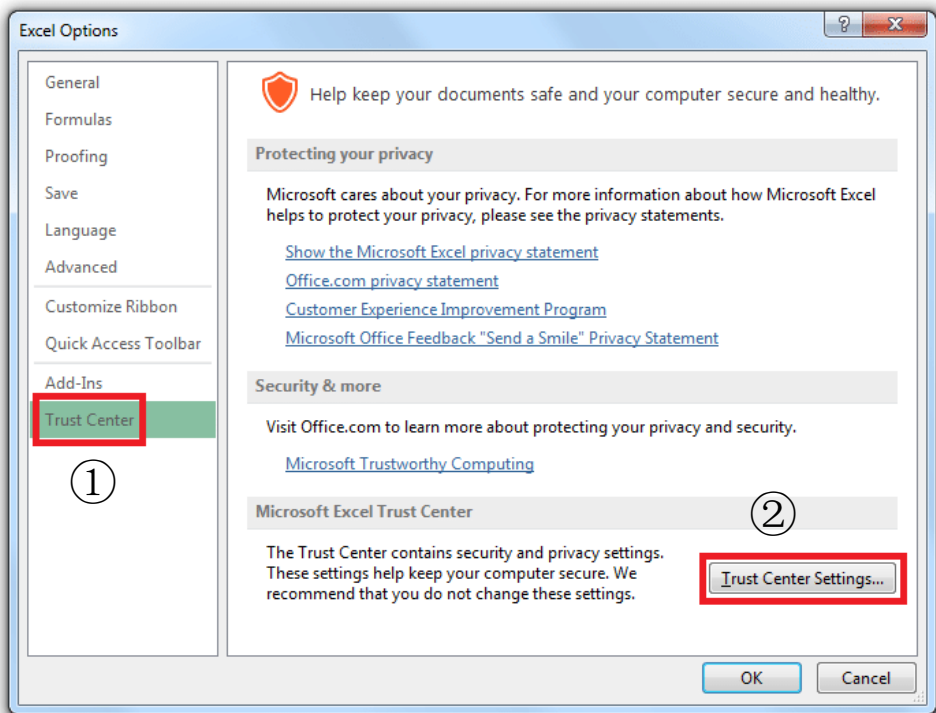
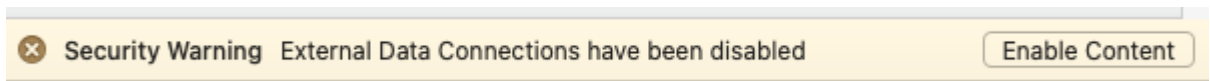
temp

➤ Trading bot pre-configuration

4. There may be a security warning when you open the file for the first time, just click Enable

5. If you need to cancel the security warning, follow the following steps to set:

Click File in the upper right corner----Options-----Trust Center----Macro Settings then Enable all macros----OK



➤ How to configure OKX API?

1、登录okx网页版打开<https://www.okx.com/cn/account/my-api>获取API;

APIs

Create API keys to suit your trading needs. For your security, don't share your API keys with anyone. [Read V5 API guide](#) >

+ Create V5 API key for demo trading

2. Click to create the V5 API key for trading, enter the Passphrase, check the trade, Do not check the withdrawal to avoid API leakage.

Besides, you can also bind the IP to improve the security of the API;

The Passphrase must meet the requirements in the picture.

Purpose

☒ API trading ☐ Linking third-party app

API name

test0409

Passphrase

...

Your passphrase must contain:

✗ 8-32 characters long

✓ 1 lowercase character (a-z)

✗ 1 uppercase character (A-Z)

✗ 1 number

✗ 1 special character e.g. ! @ # \$ %

IP address allowlist (optional)

Enter up to 20 IP addresses separated by comma and IPv6.

By linking IP addresses, you can significantly improve API security.

Permissions

☒ Read ☐ Withdraw ☒ Trade

➤ How to configure OKX API?

3. Submit the email and mobile phone verification code, and confirm the creation successfully;

Two-factor authentication

Email authentication Sent to [redacted]
041736 26s

Phone authentication We sent a [redacted]
197168 27s

Cancel Confirm

API key created

API key [redacted]
Purpose
API trading
API name
test0409
IP address allowlist (optional)

Permissions
Read Trade
Secret key [redacted]

4. Return to the trading bot software interface, click API settings, copy the API key and secret key to apiSecret, and fill in PASSPHRASE setted in step 2, then select OKEX main site or OKEX test site and finally click the API setting button.

API key created

API key [redacted]
Purpose
API trading
API name
test0409
IP address allowlist (optional)

Permissions
Read Trade
Secret key [redacted]

API Setting Bots Setting

OKEX API设置

apiKey: [redacted]

apiSecret: [redacted]

PASSPHRASE: [redacted]

OKEX主站 API Setting

➤ How to configure binance API?

- 1. Create a sub-account: <https://www.binance.com/en/my/sub-account/account-management>
You need to enter a real email address that is not used by other Binance accounts.

Create Sub Account

Sub Account Type

Create with email

Create with email

Please enter your email.

Password

Please enter password

Confirm Password

Please confirm password again

Note: Please enter a valid email address that is not used by another Binance account.

Create Sub Account

Account verification

To make sure your sub account email is valid and secure your account, please complete the following verification.

Sub Account Email Verification Code

Please input email verification code

Get Code

Enter the 6 digit code received by xi***@***.com.

Main Account Authenticator Code

Please input authenticator code

Enter the 6 digit code from Binance/Google Authenticator by ke***@***.com.

- 2. Sub-account email verification and main account two-step verification,
For example, after Google verification, the sub-account is successfully created;
- 3. Click the three dots in the picture below and click Enable Future;

All Statuses

Search

Reset

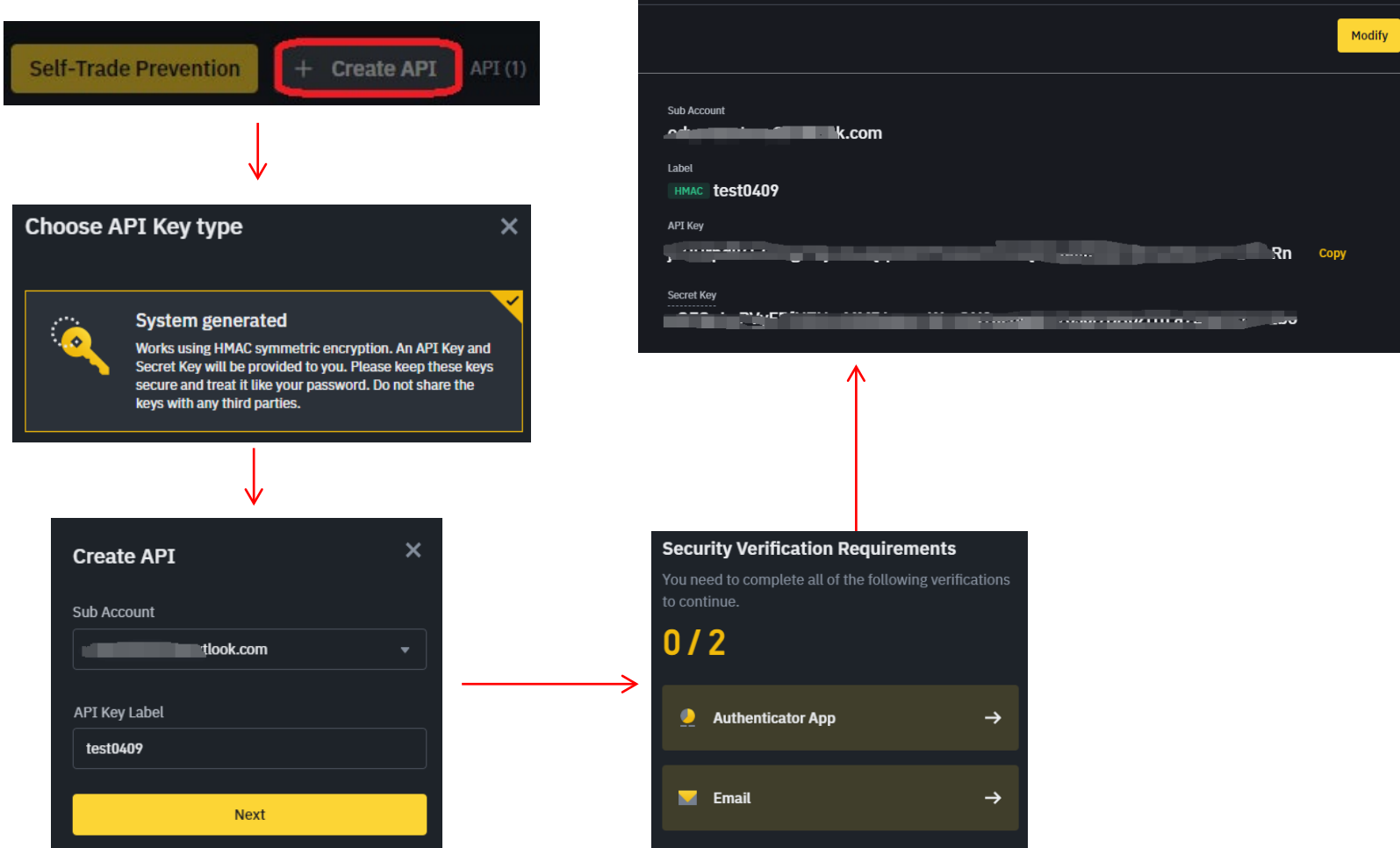
Sub Accounts (1)

+ Create Sub Account

Sub Account Type	Note	Google 2FA	Margin	Futures	Options	BLVT	PM	Action
Normal Sub								Freeze
Enable Portfolio Margin								
Change password								
Change email								
Enable Future								
Enable Options								

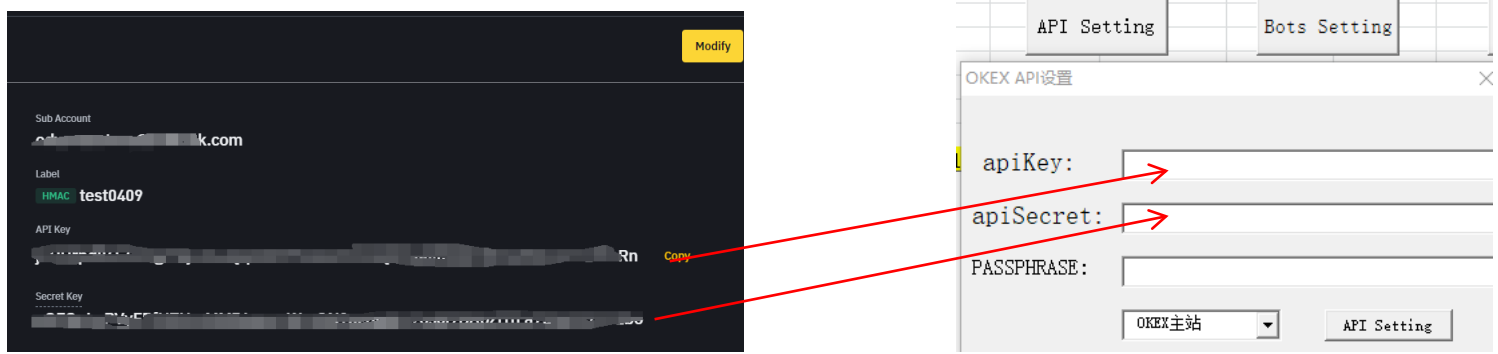
➤ How to configure binance API?

- 4. Open the API creation page: <https://www.binance.com/en/my/sub-account/api-management>
- 5. Follow the steps below to create an API, and select the API key type to be generated by the system

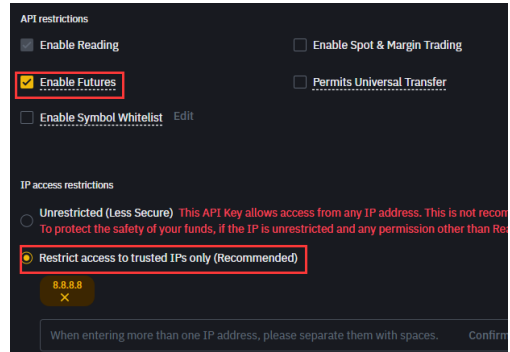


➤ How to configure binance API?

- 6. Return to the [trading bot](#) software interface, copy the API key and secret key into the software as shown below, and leave PASSPHRASE blank;
- 7. Select Binance main site or Binance test site and click the API settings button.



- 8. Return to the Binance API interface to set permissions, click the modify button in the picture above, and select Enable Futures and Restrict access to trusted IPs only, fill in the IP address queried by ip138.com into the blank space, click Save to complete the verification;



➤ How to set parameters for the crypto trading bot?

1.Parameter description:

Symbol: The format of okx exchange is BTC-USDT-SWP, and the format of binance is BTCUSDT.

Lower: The lowest price for crypto trading bot running. The trading bot will stop opening positions below the price

Upper: The highest price for crypto trading bot running. The trading bot will stop opening positions above the price

Max lev: The maximum actual leverage allowed for every position for the trading bot, the leverage is equal to the position value/margin value, The trading bot will stop opening positions exceeds at the maximum leverage.

Cancel time: When no any orders is filled exceed the cancel time (default 5 minutes), the trading bot will cancel all orders and re-open new orders.

➤ How to set parameters for the crypto trading bot?

1. Parameter description:

Grid space: Grid space (percentage %) between orders placed by the trading bot. For example, the current price is 100 and the spacing is 1%, then the trading bot will place new orders at price of 99, 98, 97, 96 and wait.

Grid profit: After each pending order is filled, the grid profit is the percentage range between the closing price and the filled price, for example, the setting Grid profit is 2%, a long order at the price of 99 will be closed at $99 \times 1.02 = 100.98$.

Unpaired Profit: if the order has not been completed after the cancel time, after the trading bot will cancel all pending orders, the Unpaired Profit is a price space between the closing price of the unfilled order and the entry price of the order. For example, the Unpaired Profit is set to 5%, and the entry price of the order is at 100, then the unfilled order will be closed at 105.

Bots type: There are three optional bot strategies, grid/Martin-like/hybrid strategy. Wherein the grid strategy increases positions more evenly, and the Martin-like strategy with lower initial position but the position is added faster, and the hybrid strategy is somewhere in between the grid bot and Martin-

➤ How to set parameters for the crypto trading bot?

2. Parameter setting method 1:

Click the Bots Setting button of the software, fill in the parameters, and click to set the parameters;

API Setting **Bots Setting** Smart bots

参数设置 Aijiebot给您提供专业的量化交易服务!

SymbolTURBO-USDT-SWAP

Side
long

Lower0.00035544

Bots Type
Grid bots

Upper0.00106632

Grid space
0.3 %

Max lev3

Grid profit
0.6 %

Cancel time5

Unpaired Profit
1.5 %

QQ:8364608,QQ group:191896494
Telegram:<https://t.me/sijiebots>
Powered by sijiebot.com

Bots clear Set parameters

3. Parameter setting method 2:

Fill in the parameters directly in the cell;

Contract	Symbol	Side	Lower Pri	Upper Pri	Grid Spa	Grid Pr	Unpaire	Cancell	Max Leve	Bots Type	Status
NEO-USDT-SWAP		long	8.4064	25.2192	0.003	0.006	0.015	5	3	Martin like	On
VELO-USDT-SWAP		long	0.0055888	0.0167664	0.003	0.006	0.015	5	3	Martin like	On
FLM-USDT-SWAP		long	0.06048	0.18144	0.003	0.006	0.015	5	3	Martin like	On
ETHW-USDT-SWAP		long	2.2892	6.8676	0.003	0.006	0.015	5	3	Martin like	On
ZEUS-USDT-SWAP		long	0.39136	1.17408	0.003	0.006	0.015	5	3	Hvbrid bots	On

➤ How to set parameters for the crypto trading bot?

4. Take profit and stop loss settings

4.1 Single margin mode:

When the value of the USDT balance [B2] cell is greater than the total take-profit amount [B5] cell, all positions will be closed and the trading bot will be stopped;

When the value of the USDT balance [B2] cell is less than the total stop loss amount [B6] cell, all positions will be closed and the trading bot will be stopped;

A	B	C	D
Margin mode	single	Language	English
USDT Balance	6620.4468	6620.446781	
Account Leverage	3.123E-05		
Hybrid Ratio	0.5		
Take Profit Balance	6650		
Stop Loss Balance	6625		
Trading Platform	binance		

➤ How to set parameters for the crypto trading bot?

4.2 Muti-currency margin mode:

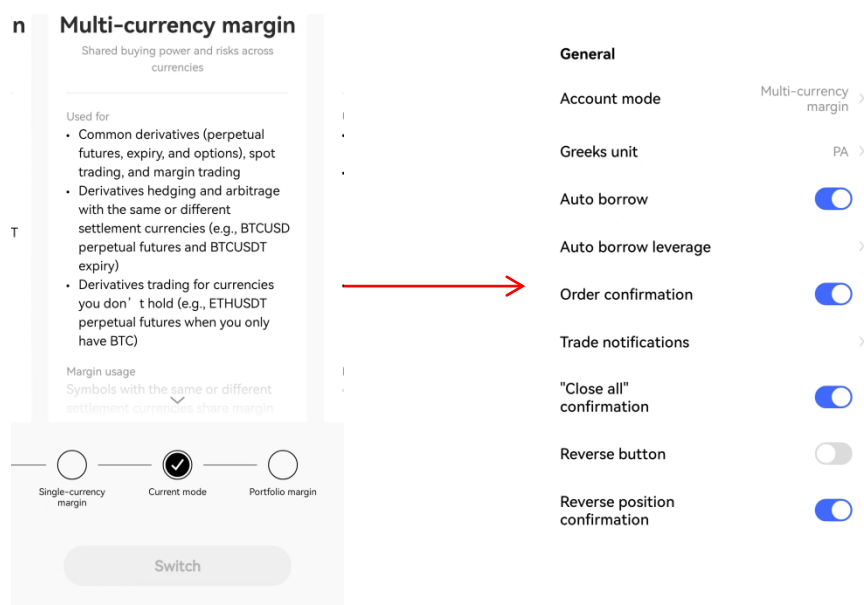
Since the margin of Binance's Muti-currency margin mode requires more than 100,000 US dollars, so the trading bot only supports the Muti-currency margin mode of okx.

The equivalent margin is guaranteed to be higher than US\$10,000 for okx Muti-currency margin mode.

In addition, you need to switch to the Muti-currency margin in the trading settings and select auto-borrow.

After the Muti-currency margin mode is enabled, all assets in the trading account will be converted into USDT according to a certain proportion as the margin for opening a position.

In this way, you can open a USDT-based contract position even if you do not hold USDT.



➤ How to set parameters for the crypto trading bot?

Take profit and stop loss:

When the value of the USDT balance [C2] cell is greater than the total take-profit amount [B5] cell, all positions will be closed and the strategy will be stopped; When the value of the USDT balance [C2] cell is less than the total stop loss amount [B6] cell, all positions will be closed and the strategy will be stopped;

Note that Muti-currency margin mode, the balance of USDT may be negative.

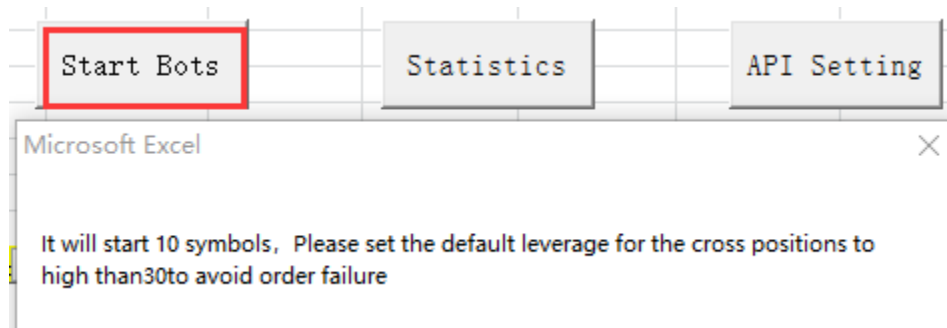
A	B	C	D
Margin mode	single	Language	English
USDT Balance	6620.4468	6620.446781	
Account Leverage	3.123E-05		
Hybrid Ratio	0.5		
Take Profit Balar	6650		
Stop Loss Balance	6625		
Trading Platform	binance		

➤ How to set parameters for the crypto trading bot?

5. After completing the parameters,
click the Start bots button to run the bots in the excel list.

Note: The trading is a cross position mode. For example, if 10 bots are run and the maximum leverage of each bot is 1, then any new orders may be opened when the leverage is less than 10.

When all positions of the bot exceed the maximum leverage, the trading will stop opening new positions.



➤ How to backtest the crypto trading bot ?

1、Click on the backtest form at the bottom of the software;



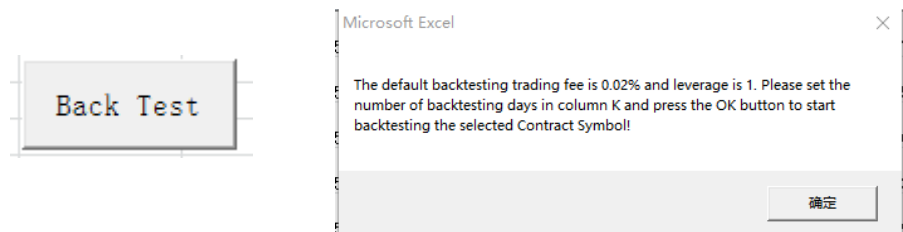
2. Manual parameter filling method: Manually fill in the parameters into the corresponding cells.

For parameters, refer to the parameter description in Tutorial 5. In addition, you need to set an additional parameter for the number of backtest days:

The number of backtest days from now on. For example, it is now at 23:00 on April 5th, the number of days is 1 day, then the backtest period will be from 23:00 on April 4 to 23:00 on April 5, and so on;

Contract Symbol	Side	Lower Price	Upper Price	Grid Sp	Grid Pr	Unpaired	Canceled	Max Level	Bots Type	Test day
FLR-USDT-SWAP	long	0.01884	0.05652	0.003	0.006	0.015	5	1	Martin like	1
ORDI-USDT-SWAP	long	27.2208	81.6624	0.003	0.006	0.015	5	1	Martin like	1
INJ-USDT-SWAP	long	14.2024	42.6072	0.003	0.006	0.015	5	1	Martin like	1

3. Select the desired backtest bot type with the mouse and click the Back Test button.



➤ How to backtest the crypto trading bot ?

4. After the backtest is completed and the selected trading bot is selected, a pop-up window will display the backtest information as following;

Note: backtest is only supportingtting okx now 。

CORE-USDT-SWAP: 回测最近2.48888888888889天	成交额: 227887.64USD	收益率: 3.79%,	年化收益率: 24769.04%	最大回撤: 3.44%
TIA-USDT-SWAP: 回测最近6.70763888888889天	成交额: 115687.69USD	收益率: 7.27%,	年化收益率: 5014.82%	最大回撤: 4.05%
JUP-USDT-SWAP: 回测最近1.83611111111111天	成交额: 15573.25USD	收益率: 0.9%,	年化收益率: 495.8%	最大回撤: 6.94%