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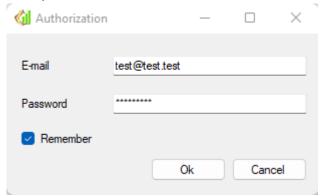
## 1. Consecutive steps to start trading:

- 1. We recommend that you read the entire manual in detail. It is better to start any trading with a demo account in order to understand how the robot works and what you need to pay attention to.
- 2. We recommend renting a VPS for trading, as ping is very important for this robot. Brokers most often have their servers located in New York and London. For more information, see the "VPS" section below.
- 3. After renting a VPS, you need to log in and transfer the file with the New Hope Trader robot.
- 4. You need to "install and run the program" New Hope Trader. For more information, see the section below.
- 5. Next, you need to install the Meta Trader 4/5 trading terminal on your VPS to get the necessary connection data.
- 6. After installing Meta Trader 4/5, you must enter your trading account details in the terminal.
- 7. Now you need to "connect a trading account". For more information, see the section below
- 8. If all the points above are made correctly, then we have connected to a quick source of quotes and a trading account. We need to "set up trading tools". For more information, see the section below. Also below you have to study the section "Presets for instrument"
- 9. On the main panel from the list of trading strategies, select the necessary one and click "Broker connect". We recommend that you start trading the classic strategy on a demo account. Learn more about trading strategies in the section below
- 10. After we have connected to the broker and set up trading instrument, click "Start Trade" and follow the trade through the log field Or via the Meta Trader 4/5 trading terminal.



## 2.Launch the program

- 1. Unpack the archive with the New Hope Trader program to any separate folder.
- 2. Install the driver .Net 4.8 or later. If you don't have the driver installed, the program will prompt you to do so. You need to install the Windows version.
- 3. Run файлthe "New Hope " file Trader.exe"
- 4. Enter your username and password.



The program will download the configuration for your VPS. If you are sure that your data is safe, then check the box "remember" and your credentials will always be filled in when starting the program.

If the program has been updated, then after authorization, you will start downloading and updating the program to the latest version. You will need to log in again after installing the update.

You can read more about the list of changes in the news feed of our telegram channel or on the website.

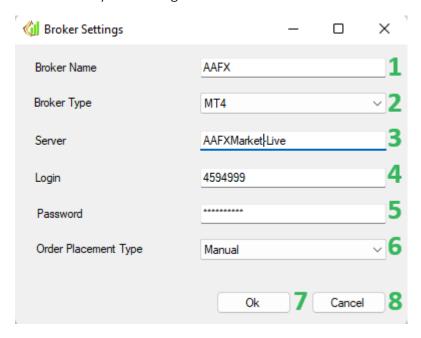
If you need to run multiple copies of the robot, but just copy the New Hope Trader Pro folder. A robot from a separate folder will not interfere with the work of other New Hope Trader Pro robots.



## 3. Connecting a trading account

In order to start trading with the robot, we installed the program, selected the source of quick quotes, and now we need to connect a trading account. We'll look at the various platforms and their differences.

First, you need to click on "Broker"on the main panel of the robot. A new window opens and you need to fill it out to connect to your trading account:

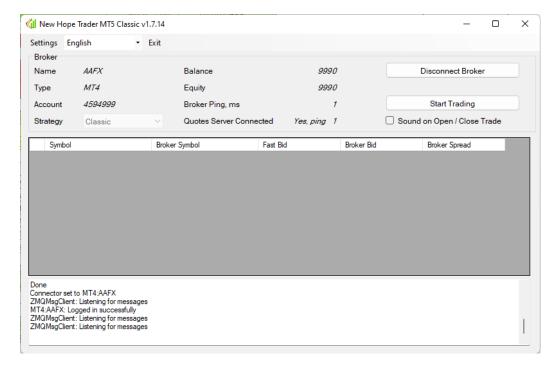


Let's take a closer look at each function and what you need to fill in:

- 1. Name of the broker. We specify any name that you can use to understand which trading account you have in trading. The name will be displayed on the main panel of the robot.
- 2. Select the platform. The list includes MT4 (Meta Trader 4), MT5 (Meta Trader 5), and Clicker.
- 3. Specify the server name for MT4/5 or IP:port for connecting to the trading account. Learn more about the next steps below.
- 4. Login of the trading account. It is issued by the broker
- 5. Password for the trading account. It is issued by the broker
- 6. Order type for MT4/5 terminals. We recommend using Manual orders. This is how the broker assumes that you are doing manual trading.
- 7. Accept settings
- 8. Close the window without changes.

After you have filled in all the fields and saved your settings, click Connect to Broker. If the connection was successful, you will see information about your balance and equity in the program.





The robot may need a few seconds to analyze all the servers and find the nearest one.

Now let's take a closer look at how to connect to trading accounts.

# Meta Trader 4/5 Platform

The most important thing for connecting these platforms is to determine the IP and port server of the broker. To do this, there are 2 methods that will help you complete the task in any case.

## Method 1

1. First, open your Meta Trader 4/5 and connect to your trading account



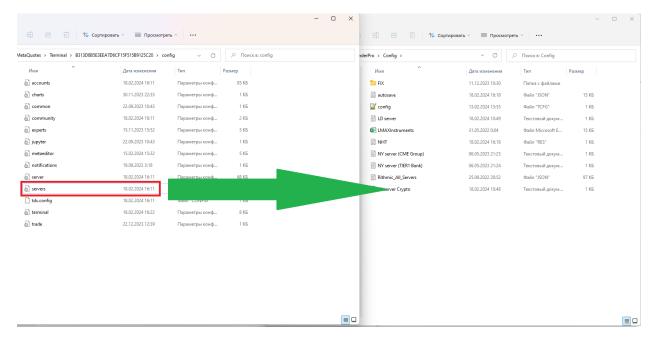
- 2. Then click Files => Open data folder in the terminal.
- 2. In the window that opens, go to the "Config" folder.

If you opened the folder from MT4, then you need to find the file "servers. ini"

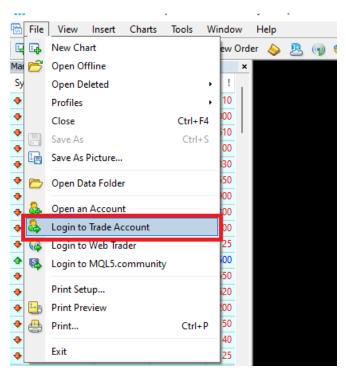


If you have opened the folder from MT5, then you need to find the file "servers. dat"

Copy the required file to the Config folder where the NewHopeTrader/Config robot is located. It is important that you copy the file to this folder, because when you connect, the robot will search for the file there!!!

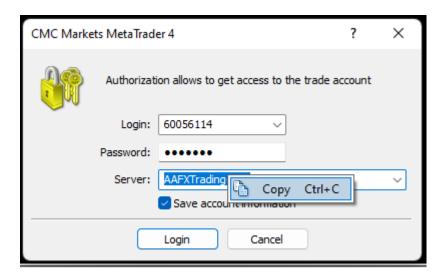


3. We need to specify the name of the broker's server to connect to. To do this, log in to the Meta Trader 4/5 terminal. «File» => "Login to trade account".

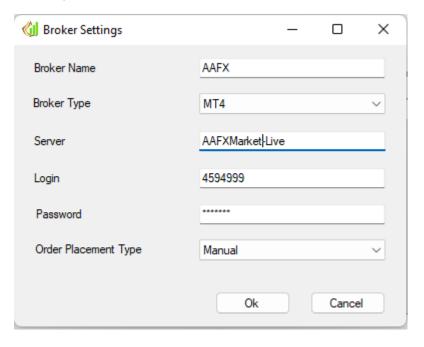


And copy the name of your server.





Now open the New Hope Trader Pro robot and click "Broker". In the window that opens server, enter the name server of your broker in the server field.



## Method 2.

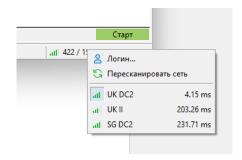
Alternatively, you can define and enter the server IP and port yourself. To do this, it is important to perform all actions on the VPS from which the trade will be conducted.

Open the Meta Trader 4/5 terminal and connect to your trading account. Then, at the bottom right, select the server with the minimum ping. Click on ping and a window will appear with a list of available servers and their ping to your server.

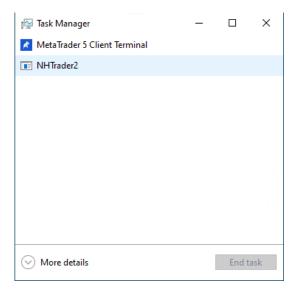
!!!After connecting to a trading account, the Meta Trader 4/5 terminal may take some time to scan all available servers and determine the ping to them.

Select the server with the lowest ping.

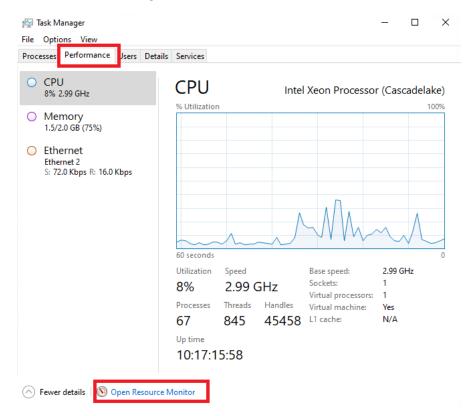




Now, in order to view the required server IP and port, log in to the Windows Task Manager.



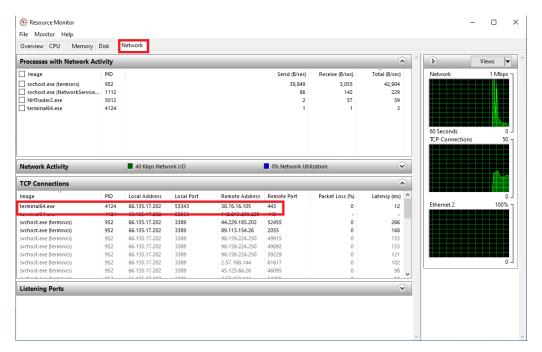
If you have entered the task Manager for the first time, then click "More details".



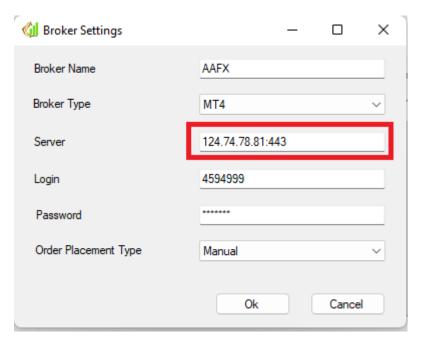
Then go to the Performance tab and click "open resource monitor" at the bottom. In the window that opens, select the "Network" tab and then in the "TCP connections" table, look for



terminal.exe (Meta Trader 4) and terminal64.exe (Meta Trader 5). There we find the IP address and port.



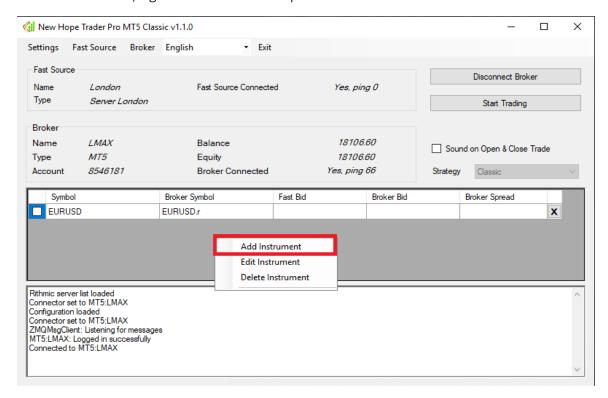
Now open New Hope Trader Pro and go to the "Broker" section. Enter the received data in the Server field in the format "IP:PORT".





## 4. Setting up trading instruments

To add a new tool, right-click on the workspace with the table and select "Add tool".

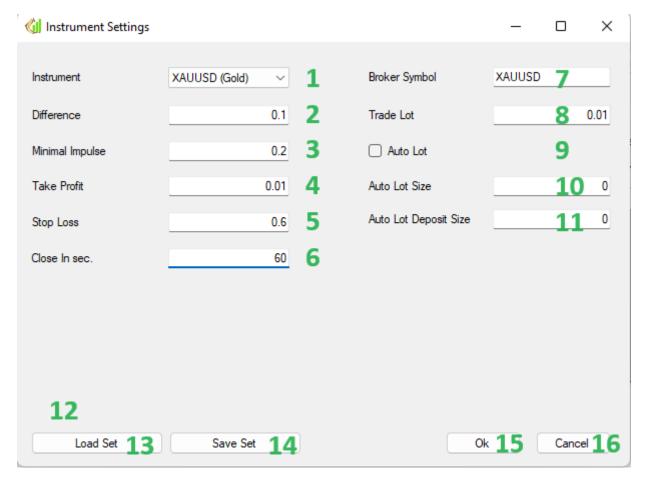


To delete a tool, select "Delete tool".

The tool settings can be opened by double-clicking the left mouse button on the tool or right-clicking once and selecting "Edit tool".

All tool settings are described below:





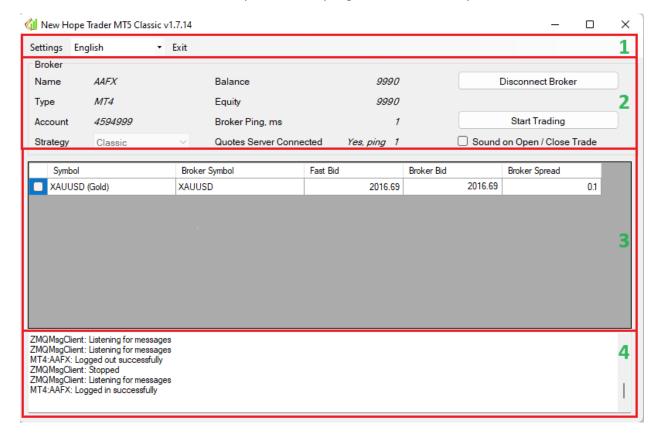
- 1. Instrument. Choose from the list the necessary tool from the fast quote server from New Hope Inc.
- 2. Difference. This is setting up the price difference between a quick quote source and a trading broker. The calculation takes into account the spread, so you only need to write the size without taking into account the spread for this instrument from the broker. If the spread is 3, then you need to write, for example, 2. This means that when the price of a fast source deviates from the broker's price by 5(3 spread + 2%) or more, the robot will see an open signal. But to start opening a trade, it needs to get confirmation from the second parameter Minimal Impulse.
- 3. Minimal impulse. This is the definition of momentum when the price changes sharply at a fast source. The setting does not take into account the spread. Try to use this parameter in the amount of the spread size and above. If the spread is 1.5, then the momentum can be specified 1.5-2 points.
- 4. Take profit for this tool. Most often, we recommend specifying the minimum value. Since the price of the instrument will quickly move in the "right" direction, the Take profit will most often be larger. But if the price has slipped and the order is hanging in the hope of reaching Take profit, then the minimum value will be optimal to close at the first opportunity.
- 5. Stop loss for the order. We always recommend placing a Stop Loss of 2-3 spreads on this instrument with your broker. If the Stop Loss is 3 for the US30 instrument, then it is optimal to set the Stop Loss around 6-7 points. This is done in order not to catch the Stop Loss when expanding the spread on large inpulses.



- 6. Closing the order in seconds. If the order was not closed within the specified amount of time for Take Profit or Stop Loss, the order will be closed at the time limit.
- 7. Name of the trading broker's instrument. Look up the name in the trading platform and enter its exact name, case-sensitive and all characters included.
- 8. Trading lot for the tool.
- 9. Turn on/Turn off Autolot. Works for Classic and Impulse modes.
- 10. Lot Size. Specify the required lot size for the desired deposit step. For more information, see a separate section.
- 11. Deposit amount for the autolot step. For more information, see a separate section.
- 12. Options for using Hidden mode appear:
  - "Open Lock" To open a lock and start trading.
  - "Close By" closes the lock by options: immediately or on the next signal. We recommend that you choose the closing option based on the following signal. This way you will exit without losing 1 spread.
- 13. Load preset settings for the trading tool.
- 14. Save preset settings for the trading instrument.
- 15. Accept changes
- 16. Close the window without changes.



## 5.Description of the program's functionality



The program is divided into 4 workи areasи:

- broker settings, program language, and so on
- information about the account status
- trading tools and their configuration
- logging of connection and trading

## Block 1. Program Settings программы

ПунктыThe Setting menu item s Setting has the following sections:

- "Broker" You fill in the data from your trading account before connecting.

Separately, you need to pay attention to the "Order Placement Type" function for Meta Trader 4/5. This is a unique new feature that allows you to send information to the broker about the order placement option. There are 4 options: manual order, Expert Advisor, web platform and mobile terminal. This allows you to confuse the broker, as they will assume that you are trading, for example, from a mobile terminal.

- "signal server". Selecting a quick quote server. The London source of quick quotes is available as standard.
- "Load App Configuration" loads saved data. Загружаются All settings of the broker and trading instruments are loaded.



- "Save App Configuration" saves data. All settings of the broker and trading instruments are saved.

To the right is the language selection option. Currently available: English, Russian, German, Chinese, Spanish and Italian. If you want to see your language, please contact technical support.

Block 2. Account Information



- 1. The name that you specify in the Broker section. For convenientro definition of a trading account.
- 2. Type of trading platform.
- 3. Trading account Number
- 4. Type of strategists when trading. For more information, see the strategies section.
- 5. Current account balance
- 6. Current account Equity
- 7. Connecting to the broker. If the ping can be determined, then write the ping size. If not, then only the connection status is YES/NO.
- 8. Connecting to a quick quote source. The connection status and ping are specified.
- 9. Кнопка Connection button/Access to the к trading account and a quick source of quotes.
- 10. When the connection failed and the program tries to connect, the "cancel connection" button appears. By clicking on it, you will forcibly stop trying to connect to the account.
- 11. Start / stop trading. When you click this button, all ticks are cleared from trading instruments. To continue trading, check the appropriate instrument box.
- 12. Enable / disable audio signals when opening and closing orders. You can replace the audio signals with your own ones. They are located in the sounds folder.

#### Block 3. Trading tools and their configuration

To add a new instrument, right-click on the workspace with the table and select "Add Instrument". Column Descriptions:





- 1. Active state of the tool. If this option is checked, the instrument is being traded. If it is withdrawn, then trading on this instrument is not conducted. To change the trading settings, you need to uncheck the trade box and then enter the tool settings. Either double-click the left mouse button or right click and select "Edit instrument".
- 2. Name of the quick quote source tool.
- 3. Name of the broker's trading instrument. To correctly enter the name of the instrument, you need to view it in your trading platform. It is very important to take into account the case and all characters.
- 4. Bid of a fast quote source. It is necessary for understanding whether quotes are coming from our distribution server. Some instruments have trading sessions and a period when quotes do not go.
- 5. Bid of the instrument from a trading broker.
- 6. Spread at the trading broker for this instrument.

# Block 4. Connection and trade logging

This section records all changes that occur with the program and trading.

ZMQMsgClient: Listening for messages ZMQMsgClient: Listening for messages MT4:AAFX: Logged out successfully ZMQMsgClient: Stopped ZMQMsgClient: Listening for messages MT4:AAFX: Logged in successfully

The program informs you about any events that occur: connection/disconnection, request for a transaction, broker errors, and much more.



# 6. Learn more about VPS

A VPS is a virtual private server. In our case, it is necessary for 2 reasons:

- uninterrupted operation 24 hours every day
- fast internet connection
- vps location

For any trading robot, it is very important that it is always turned on and monitors what is happening with the market and open positions. Any home computer is unlikely to be able to do this, since most often people turn it off at night.

The quality of the Internet has recently become much higher than it was in 2010-2015, but data centers usually provide 10 Gigabit Internet, which allows you to communicate with the broker's server with less delays.

And the main reason is VPS geolocation. In 99% of cases, forex brokers use servers that are located in London or New York. That's why we put our servers there.

Before you rent a server, you need to understand where your broker's server is located. You can do this via Meta Trader 4/5 and see where the nearest server is located, for example, from London.

If the ping from the London server is 0-5, then the server is located near London. If the ping is 67-75, then most likely New York.

The quality of your income depends on this. You want the ping to the broker's server to be 0-5 ms and to the fast quote source to be 0-5 ms.

When you understand where the broker's server is located and have rented a VPS, it is advisable to use a source of quick quotes located in this region.

We recommend using vultr.com.com. This service provides a huge list of locations for VPS. You can rent a server for 1 hour for verification and, if necessary, cancel it at any time.

# 7. Description of strategies

The program contains 3 trading strategies that differ in their logic and serve different purposes.

#### Classic

The strategy is a classic arbitrage that has been used by many people for many years. The robot sees a sharp price change (Impulse) at the fast quote source and then determines that the quotes of the fast source and the broker have diverged by an amount greater than the specified one (Difference). Then the robot enters in the direction of the signal and takes profit over the spread size. If the order slides when opening and there is not enough price movement to close the trade, then 3 parameters responsible for conducting the trade come into operation: Take Profit, Stop Loss and Close time. Therefore, we always tell you to specify Take Profit the minimum Take Profit value. Stop Loss in the amount of 2-3 spreads, so that the price has the



opportunity to go further in the direction of momentum. Close time is the forced closing of an order based on the time since the order was opened.

#### Hidden

The strategy was developed in 2018 and is actively used by our clients as the best solution for creating orders with a long life time. At startup, the robot opens 2 counter positions (Loc) and then closes trades against the direction of the signal when determining the signal. And when the Take Profit, Stop Loss or Close time is reached, the robot opens the counter position again and then waits for the specified Trade Pause time to get the desired order lifetime. If we set a Trade pause of 60, all orders will have a lifetime of 1 minute or more.

Most brokers still do not define arbitrage based on this strategy.

Also, many brokers do not have restrictions on closing orders at the moment of impulses. For example, artificial slippage, long order processing time.

How to start and stop trading using the Hidden strategy.

To start trading, you need to check the box "Open Lock" at the bottom left in the tool settings and select the option to start trading: "open immediately or " on signal". If you choose "on signal", you will save 1 spread to start trading. After that, close the settings and check the box for this tool. If trading is enabled at this moment, the robot will open 2 counter trades (open immediately mode) and you will see an inscription in the robot's log. In cases of "on cue", the program will write that it plans to open the Lock soon.

To close a lock on a trading instrument, uncheck the trade box and go to the instrument settings. At the bottom left, check the box "Close by" and select the option to close the lock. There is an option to close the lock immediately or close it on the next signal. After that, close the tool settings and check the box for trading the tool. If everything was done correctly, the robot will write the corresponding entry in the robot's log.

We recommend that you select "close on the next signal". At the same time, you save 1 spread on this instrument, because when the signal is triggered, the robot will not open a new order and spend 1 spread on it, but will close the counter order.

## **Impulse**

The strategy is a lightweight version of Classic, but it has a number of advantages. We do not compare the price discrepancy between a fast quote source and a broker. For example, many brokers have a widening spread on news, which interferes with signal detection. We have a broker's spread in the difference setting. And in this situation, the robot does not see the signal. But those who want to trade on the news can choose this mode and set a large size of Impulse, Take Profit and Stop Loss. And then proceed with the transaction either in manual mode or by close time.



## **8.Autolot Description**

Autolot is required for maximum effective trading and. With a sharp increase in the deposit, the program itself will calculate the allowable trading lot and help you earn more. At the same time, your profitability will grow exponentially, not arithmetically.

To enable autolot, you need to check the box in the trading tool settings.

Then you need to fill in 2 fields "Lot Size" "Lot Deposit Size".

How the auto lot calculation works:

"Баланс Account Balance" / "Lot Deposit Size" \* "Lot Size" = Trading Lot.

When dividing the balance, rounding does not occur. We only count integers for multiplication by "Lot Size".

Let's look at an example:

Our account balance is 7300. We specify "Lot Deposit Size" = 900, and "Lot Size" = 0.1.

Thus, we divide the balance of 7300 by 900 and get 8.111. We leave only the integer 8 and multiply it by "Lot Size" 0.1 and get the trading lot 0.8.

When the balance increases to 8100, the trading lot becomes 0.9

You also need to understand that if the broker allows you to use a step for a 0.01 trading lot, then it is better to specify the numbers 90 and 0.01. This way your trading lot will change regularly from balance changes and you will earn more.

The most important thing is to calculate these numbers correctly. They are calculated either by the selection method or based on the trading margin for this instrument.

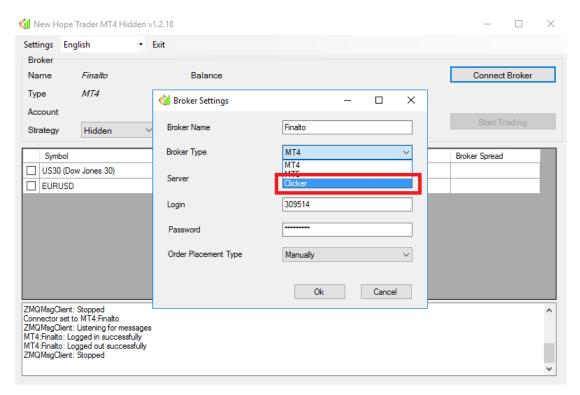


## 9.Description of the clicker

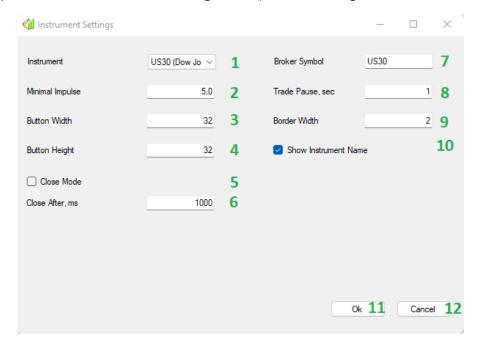
For trading on binary options, web platforms, and platforms without an API, you can use the Clicker mode.

If the main task is to detect a sharp price change and click on the specified location.

To activate the clicker mode, select the Clicker platform in the broker settings. Then close the window and click "Connect Broker". In clicker mode, the robot will connect to our quote source and use it to determine the momentum.



After that, you need to add tools for trading. Description of settings:





- 1. Name of the tool from the quick quote server.
- 2. Minimum pulse for the signal. The setting doesn't take into account spreads or anything else. Logic: for a period of 100 milliseconds, the program saw a price change greater than the specified number.
- 3. Width of the placemark for a click
- 4. Height of the placemark for a click
- 5. Closing mode. A placemark appears where the robot will click to close the opened trade. It doesn't work everywhere and depends on each platform where you plan to trade.
- 6. How long it takes to close a trade, in milliseconds.
- 7. Trading pause between signals. To prevent the Program from stinging without stopping, we recommend setting 10-15 seconds so that you can close the deal or disable the clicker before further activation.
- 8. Border thickness for Placemarks.
- 9. Whether to write the names of trading instruments under the labels. Used to avoid getting confused about which placemarks are set.

After you have filled out all the settings, you need to check the box for the necessary trading instruments. Placemarks for trading instruments will appear. Drag them to the places you need. Drag placemarks by holding down the left mouse button.



The red square is a placemark for a sell signal.

The blue square is a placemark for a buy signal.

The yellow square is a placemark for the closing signal.

After transferring all the labels, you need to start trading by clicking "Start tradinging".

To stop trading, click "Stop trading". Stop trading».

## 10.Selecting settings for tools

We are often asked what trading settings are required for a particular instrument.

Let's describe the factors that affect the correct adjustment for a trading instrument.

#### - Spread

In order to correctly calculate trading settings, you need to understand what the spread is and what it affects. The spread is the price difference between buying and selling. In order to close a trade in plus, you must pass a distance equal to the spread.

If the spread is very large on the instrument, then the probability of making money decreases.



The smaller the spread, the more trading signals the robot will receive.

Consider the option for the US30 instrument (Dow Jones 30, Wall Street 30). On it, the average spread of brokers is 2-3 points. This means that with a signal of 5 points, we will enter and the price will go into plus 4-5 points and we will close it in plus, since the price has passed a distance equal to the spread of 2-3 points and has gone further into the profitable zone.

When the spread is equal to 5-10 points, it becomes more difficult to earn money, since we need to go a distance of 5-10 points and still enter a profitable zone.

That is why different brokers have different numbers of trading signals.

#### - Trade Commission

Most brokers have the option to choose the type of account with or without a spread. We recommend that you always use an account with no spread, as you don't have to calculate the amount of this commission separately.

If you have an account with a commission, then you need to take it into account for the following parameters:

Difference, Impulse, Take Profit, Stop Loss.

When calculating the Difference, it is important to understand that if the commission is located separately, then you will have a smaller trading spread. It turns out that the robot will see much more signals, but the "quality" of these signals will be much worse. You need to calculate how much the commission amount will be approximately in points. This is usually 0.5-1.0 points for a US30 instrument. And when calculating Difference, add this value. If Difference is 1.5, it will be 2.0-2.5.

Impulse must also be increased by the spread size in points. If the pulse is 4, then raise it to 4.5-5.

Take Profit should also be increased by the amount of commission in points And instead of 0.1 it will be 0.6-1.1.

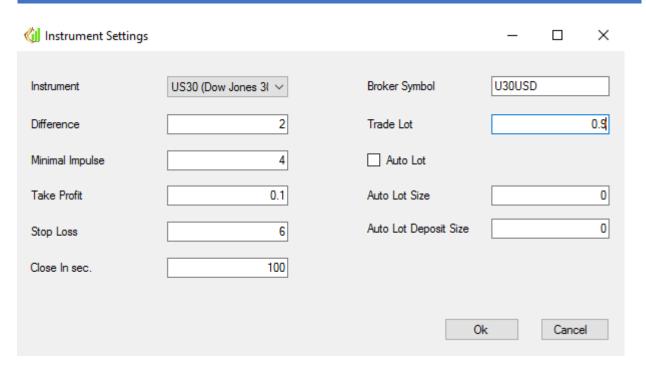
Stop Loss should be reduced by the amount of commission in points, as this will be an additional loss. Instead of 6-7, set 5-6.

#### - slippage when opening an order

If you experience slippage during trading signals, "Slippage" is written with a negative number in the log. In such cases, we recommend raising Difference and Impulse. With large trading signals, orders often do not fully slip and you can get the necessary profit.

Now let's start with a detailed description of the settings and how we select them.





#### Difference

This setting is responsible for determining the signal at the difference between the quotes of a fast source and a slow one. The formula takes into account the spread of the trading instrument. That is, if the spread is 3, we need to specify 2. This means that if there is a difference of 5, the robot will see a signal there. We usually specify this parameter in the amount larger than the spread by 1.5-2 times. This is done primarily for the stock, as the price may roll back, part of the movement when opening an order may slip, and the broker's spread may widen.

It is important that this parameter will send a request to open only after it receives approval from the Impulse configuration.

#### Impulse

An important setting that indicates a sharp price change at the fast quote source. It often happens that the trading broker's quotes hang, or there are various sharp price changes. To protect against such cases, use this parameter. We set its size in the region of 1-1. 5 spread. This means that we will only enter when the price of the fast source has changed dramatically over the 100 ms interval.

You can set the pulse and more. Many use a pulse equal to "Difference + Spread". For example, 4-5 for the US30 tool.

## Take Profit

Since the price often quickly jumps into the positive zone for an order, we always set this parameter in the amount of the minimum price movement. For example, for US30, it will be 0.1.

When an order is opened, the price often changes very quickly in the direction of price movement and can close + 0.1-3 points.



We specify the minimum value as protection. If the order slides when opening, then the best solution for us is to exit with minimal profit. Therefore, when the minimum profit is reached, the robot closes the trade.

Stop Loss

Usually Stop Loss is set in the amount of 2-3 spreads. This is done so that if the order slips when opening, we can give the order a chance to go further in the direction of movement.

In no case should you set a value less than the spread size. The robot will close the trade immediately after opening, as it will already be in the negative zone!

For US30, we set the Stop Loss in the range of 6-8 (depending on the spread).

# 11.Identifying volatile instruments

It is very important to choose volatile trading tools. Most often, clients start with currency pairs, but this is not the best solution, as there are more volatile instruments that will have more signals.

The volatility of different instruments depends on different reasons. Currently, the most volatile groups of instruments are:

- indices (futures)
- metals
- energy resources
- promotions
- currency pairs
- cryptocurrencies

To understand how volatile an instrument is, open the minute chart of this instrument. Enable the ASK price display in the settings and see how many times the price passes the spread size in 1 minute of time. For an example, it is best to open US30. This tool will immediately show you what you need to look for from other tools to determine volatility.

Basic tools for trading clients:

Индекс Dow Jones 30: US30 (DJ30, U30USD, WS30)

ИндексNASDAQ 100 Index: US100 (NasDaq100, USTECH, NDX100)

Индекс S&P 500 Index: US500 (SPX, SPX500, SPXUSD)

Индекс DAX Index: GER40 (DAX, GER30, DE40, D30EUR)

Metal Gold: XAUUSD

Energy Resource Oil: WTI (USOIL. USOUSD)



Currency pairs: GBPJPY, EURJPY, GBPUSD, USDJPY, and so on.

Stocks: AAPL (apple), TSLA(Tesla), GOOGL (Google) and so on.

Cryptocurrencies: BTCUSDT, ETHUSDT, XRPUSDT

#### 12.Preset for tools

You can use preset for all trading instrumentspreset. You can save them in the tool settings. We also provide a complete set of ready-made presets that are universal, but not ideal in each particular broker. Preset names correspond to the names that fast quote sources from our servers have.

#### AUDUSD, EURUSD, USDCAD, NZDUSD, USDCHF, GBPUSD

Difference: 0.00015 and higher, Impulse: 0.0002, TakeProfit: 0.00001, StopLoss: 0.0005-0.0007 (Depending on the spread)

# USDJPY, CADJPY, AUDJPY, EURJPY, GBPJPY, CHFJPY, NZDJPY

Difference: 0.015 and higher, Impulse: 0.02-0.05, TakeProfit: 0.001, StopLoss: 0.05-0.07 (Depending on the spread)

# AUDCAD, AUDCHF, AUDNZD, CADCHF, EURAUD, EURCAD, EURCHF, EURGBP, EURNZD, GBPAUD, GBPCAD, GBPNZD, NZDCAD, NZDCHF

Difference: half the spread and above, Impulse: spread and above, TakeProfit: minimum price step, StopLoss: 2-3 spreads.

#### XAUUSD (Gold)

Difference: 0.15 and higher, Impulse: 0.25, TakeProfit: 0.01, StopLoss: 0.8-1 (B Depending on the spread)

## GER40 (DAX, GER30, DE40, D30EUR)

Difference: 1-1. 5 and higher, Impulse: 1.5-2, TakeProfit: 0.1, StopLoss: 4-6 (Depending on the spread)

## US30 (DJ30, U30USD, WS30)

Difference: 1.5-2 and higher, Impulse: 4, TakeProfit: 0.1, StopLoss: 5-8 (B Depending on the spread)

#### US100 (NasDaq100, USTECH, NDX100)

Difference: 1-1. 5 and higher, Impulse: 2, TakeProfit: 0.1, StopLoss: 4-6 (B Depending on the spread)

#### US500 (SPX, SPX500, SPXUSD)

Difference: 0.25 or higher, Impulse: 0.6, TakeProfit: 0.01, StopLoss: 0.8-1 (B Depending on the spread)



## FRA40 (FR40)

Difference: 0.5 or higher, Impulse: 1.2, TakeProfit: 0.1, StopLoss: 4-5 (B Depending on the spread)

## UK100 (FTSE100, GB100)

Difference: 0.5 or higher, Impulse: 1.2, TakeProfit: 0.1, StopLoss: 4-5 (B Depending on the spread)

BA.NYSE, BABA.NYSE, BAC.NYSE, CAT.NYSE, CVX.NYSE, DIS.NYSE, GS.NYSE, IBM.NYSE, JNJ.NYSE, JPM.NYSE, KO.NYSE, MCD.NYSE, MMM.NYSE, MRK.NYSE, NKE.NYSE, TWTR.NYSE, V.NYSE, XOM.NYSE, WMT.NYSE, AAPL.NAS, AMZN.NAS, BIDU.NAS, EA.NAS, EBAY.NAS, GOOGL.NAS, INTC.NAS, MSFT.NAS, NFLX.NAS, NVDA.NAS, PEP.NAS, PFE.NYSE, PYPL.NAS, QCOM.NAS, SBUX.NAS, TSLA.NAS

Difference: half the spread and above, Impulse: spread and above, TakeProfit: minimum price step, StopLoss: 2-3 spreads.

# USOil (WTI, USOUSD), UKOil (Brent, UKOUSD)

Difference: 0.02-0.03 and higher, Impulse: 0.05, TakeProfit: 0.001, StopLoss: 0.07-0.1

## AUS200 (Australia 200)

Difference: 1 or higher, Impulse: 2-3, TakeProfit: 0.1, StopLoss: 5-6 (B Depending on the spread)

#### XAGUSD (Silver)

Difference: 0.005 and higher, Impulse: 0.012, TakeProfit: 0.001, StopLoss: 0.04-0.06 (B Depending on the spread)

## J225 (Japan 225)

Difference: 2 or higher, Impulse: 4-7 (depending on the spread), TakeProfit: 0.1, StopLoss: 9-14 (Depending on the spread)

# EUSTX50 (EU50, EUSTX50)

Difference: 0.5 or higher, Impulse: 1.2 (depending on the spread), TakeProfit: 0.1, StopLoss: 3-4 (Depending on the spread)

## ES35 (Spain 35)

Difference: 2 or higher, Impulse: 4-7 (depending on the spread), TakeProfit: 0.1, StopLoss: 9-14 (Depending on the spread)

#### HK50 (Hong Kong 50)

Difference: 2 or higher, Impulse: 4-7 (depending on the spread), TakeProfit: 0.1, StopLoss: 9-14 (Depending on the spread)

#### **NatGasUS**



Difference: half the spread and above, Impulse: spread and above, TakeProfit: minimum price step, StopLoss: 2-3 spreads.

#### 13. Frequently Asked Questions

## What happens when the connection is disconnected from brokers?

Sometimes brokers reboot their servers or update their software. In such cases, the program sees a connection drop and tries to connect 10 times with a period of 60 seconds. After that, the program stops connection attempts and waits for you to take action.

## How many robots can be used simultaneously?

According to our observations, it is optimal to use up to 5 robots on 1 VPS/VDS/PC. Because during periods of high volatility (news, opening of trading sessions), there may be heavy loads for processing incoming ticks. Our sources of quick quotes can receive up to 1000 ticks per second for 1 instrument at the most loaded moments.

## How does the license work?

The license allows you to use any number of robots on 1 VPS/VDS/PCat the same time. If the server sees an already active VPS/VDS/PC, VPSthe program will be denied on other VPS/VDS/PCs.

