

Under-The-Radar Forex Masterstroke

Implementation Guide To “Distance Breakout”
Forex Robot For Unbelievable Results



By **FXFledgling Forex Study Group**

A Big Thank You

A big thank you for your interest in downloading the “*Distance Breakout*” Forex Robot for Metatrader 4 (MT4). But, in case you haven’t downloaded it yet, you can get a free copy from the link below.

<https://www.mql5.com/en/market/product/59780>

System Requirements:

- Account Type: ECN or Raw Spread accounts
- Account Currency: Tested with USD only
- Account Leverage: Tested with 1:500, but you can backtest it with other leverage levels.
- Minimum Fund: US\$200
- Server Speed: less than 100ms
- Symbols: For best result use XAUUSD
- Timeframe: H1
- Spread: less than 3 Pips (30 Points)
- IMPORTANT: If the server reports “ Hyperactivity”, increase the value of the “*Bars to Check - Slow*” and “*Bars*

to Check - Fast” parameters, both by 50. If it’s still hyperactive after a few days, increase again by 50.

- Run-time: 24/5, stable internet is required, or use a VPS.

Trade Scalper

Distance Breakout is an expert advisor that uses calculated distance to capture price breakout. Once breakout is detected, the true job of the EA is to scalp for pips.

Price Volatility

As a scalping program, the EA is prone to some failures due to the effect of price volatility, specifically due to spread volatility.

Since the Distance Breakout EA will be used in different brokers when downloaded, users may encounter negative results compared to the backtest results as brokers have different spread volatility that can not be simulated in the MT4 back-tester. Below are the steps on how to possibly solve this.

Determine Spread Volatility

An important factor to consider in choosing a broker is to make sure that your server has a less than 100ms speed and has low spread volatility. To know the maximum spread possible the broker has generated during operation, you need a tool that you can run first in MT4 to determine the biggest spread. I have created a tool that you can download and use in your MT4. Here's the download link:

<https://www.mql5.com/en/code/27942>

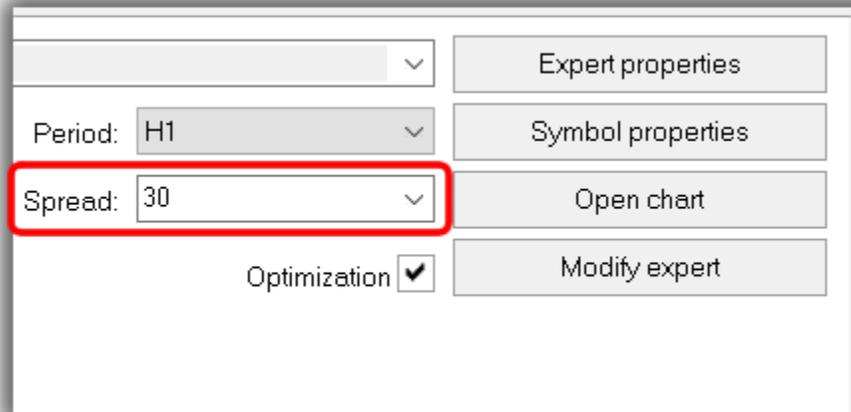
Run the indicator in MT4 inside the chart of the currency pair that you need to check. In our case, since we are going to use the information for Distance Breakout, we need to check the biggest spread of XAUUSD. Attach the indicator in the XAUUSD chart. Let it run from Monday to Friday to get the big picture of its spread volatility. It should look like this.



After a week, take note of the biggest spread indicated in the chart.

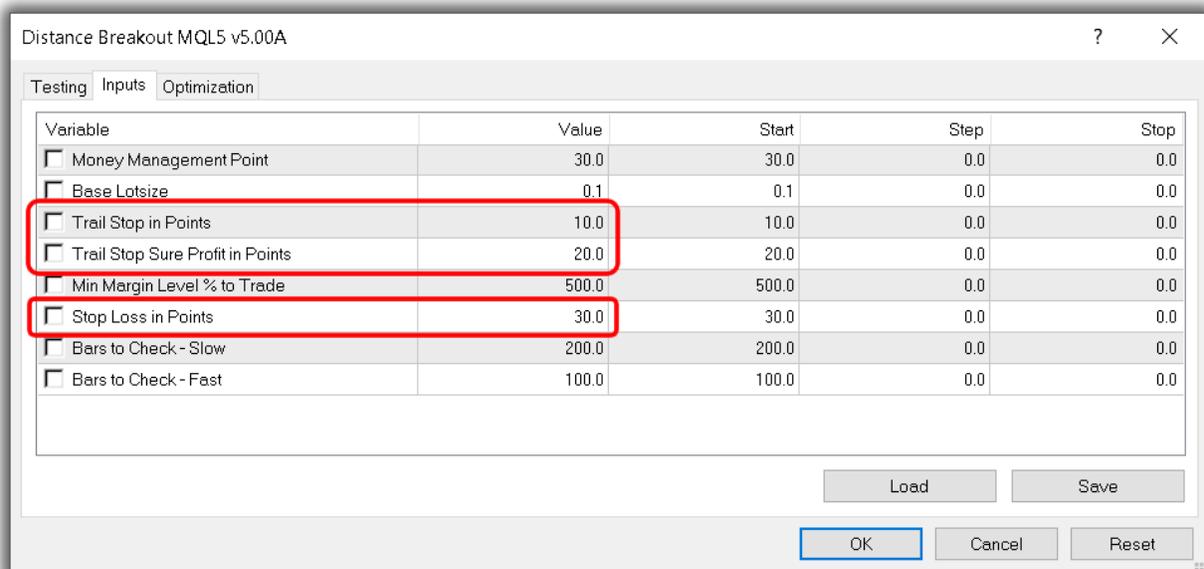
Backtest Spread

After getting the biggest spread of XAUUSD, backtest the EA by using the biggest spread you got from the tool above. For example, if your biggest spread is 30 points, put it in the “*Spread*” field of the tester. See how below.



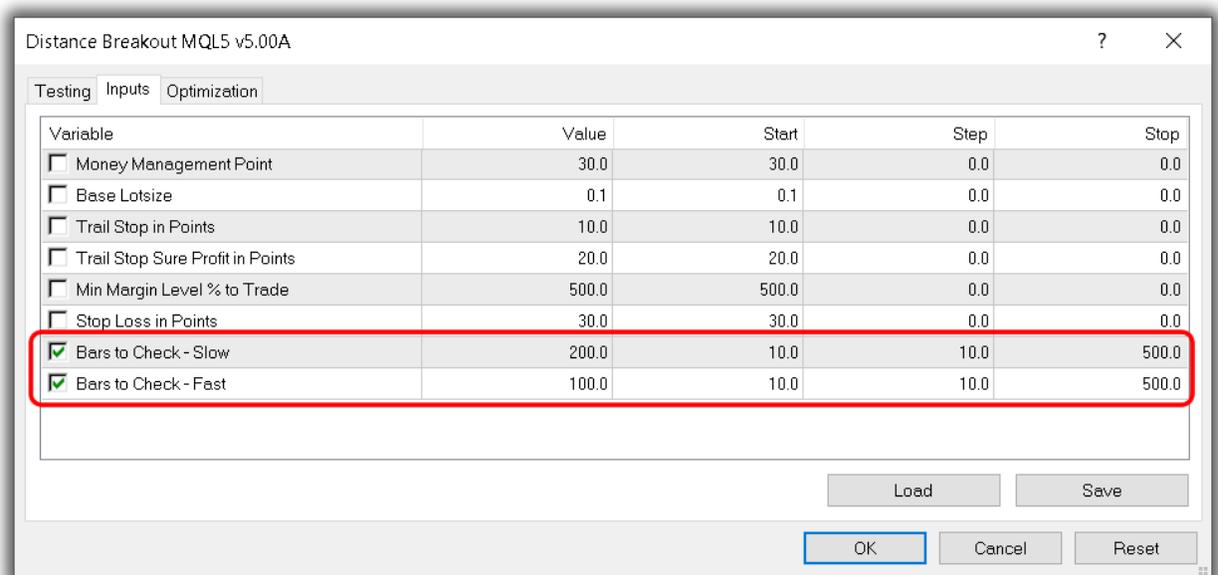
Parameters

Click the “*Expert properties*” button of the tester. Check the value of these 3 parameters if any of them is lower than the biggest spread you got above.



Change it to a value higher than the biggest spread. For example, if the biggest spread is 10, put a value higher than 10. Let's say 15 or 20. Or, you can do a backtest from 11 to 30.

The next step is by doing a backtest by checking and changing the “Start”, “Step” and “Stop” of these two parameters. Please use the values in the screenshot below.



Use a year or two of data for backtesting with at least 90% data quality. You can use 99% of the data but 90% is enough.

Once you get the best values for the 5 parameters mentioned above, use those values in a demo account first before deciding to go live.

Best Practice

If you have the patience, here's another step-by-step guide to make sure that your live-account implementation is successful. This will increase efficiency with the right parameter values but it may not be profitable at the first few weeks of the run.

- Step 1. Start with high values for the “*Bars to Check - Slow*” and “*Bars to Check - Fast*” parameters. The difference between the two should always be 100.
 - Bars to Check - Slow = 500
 - Bars to Check - Fast = 400
- Step 2. Run the EA for 1 week. The EA may not execute a trade this first week. If no trade or very few trades are made, reduce the value of the 2 parameters above by 50. Then run again for another week.
- Step 3. Observe the performance and profit. If trades are too few again, reduce again the parameters by 50. Do this

every week until profit is acceptable. Please do not be too greedy. If the profit is around 5% to 20% per week, you should stop decreasing the value of the 2 parameters. If values are reduced too much, risk level increases.

I hope this guide will clear any question you have on the EA. Good luck and may you have more positive pips.

Keep in touch.

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<https://www.mql5.com/en/users/almightysolomon>