

Mirror Trading Manager

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1-Leg HFT Algo

Guide

(Last Date: 7 Aug 2025)

(Only for Standard/Pro Version)

It is a high frequency Trading bot – needs low latency. It is better to use a UK VPS/VDS to run this bot.

IMPORTANT NOTE:

TESTING AND RESEARCHING PURPOSES ONLY

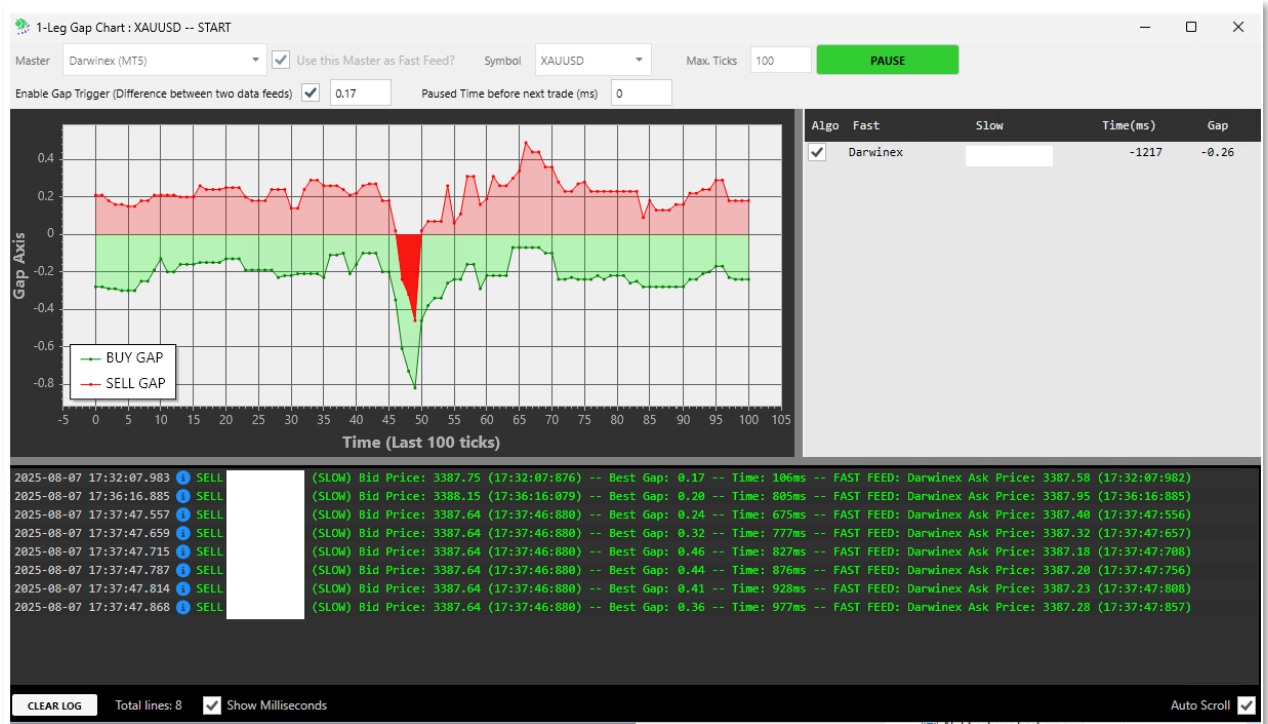
I am not a financial or investment advisor. I do not have a licensed advisor.

HFT and arbitrages are not suitable for all.

Possible high risk of losing money quickly due to leverage and manipulating by brokers.



Example and explanation



I recommend the fast feed for MT5 is Darwinex as a master (no trading needed). It is for just feeding purposes only.

You need to find a slow broker as a follower.

Enable Gap Trigger = true e.g. $y = 0.27$

It is a trigger gap that based on:

BUY trigger: $(x) = (\text{fast bid price} - \text{slow ask price})$

SELL trigger: $(x) = (\text{slow bid price} - \text{fast ask price})$

e.g. fast bid price is 2800.40 and slow ask price is 2800.00, $x = 0.40$ so that is a BUY gap.

If $\text{BUY}(x \text{ i.e. } 0.40) \geq y \text{ (i.e. } 0.27)$ then it will open BUY order on follower account @ 2800.00 as soon as possible before it goes up to 2800.40

Paused Time before next trade (ms): 1000

A new triggered trade can only be opened after 1000 milliseconds have passed since the last one.



Recommendation (checkbox list):

- ☐ Low spread
- ☐ No commission fee
- ☐ No rebates motivation
- ☐ Fast network connection (cross-connected)
- ☐ Super HFT VPS in UK (VDS best choice)
- ☐ Clean Windows Operating System
- ☐ No other applications running
- ☐ No anti-virus software (scanning too much and can cause slow down the system)
- ☐ CPU cores x4 or higher (make sure enough power and no overload)
- ☐ Low ping (under 2ms)
- ☐ Low slippage (or no slippage)
- ☐ Good trade execution speed (e.g. under 40ms)

Disadvantages (**depends** on companies/network/VPS/VDS):

- Negative slippage
- Bad trade execution speed (e.g. delay)
- High spread
- Poor network/server on other side
- Broker intervenes (plugins)
- Refuse to pay out profit



Setup and Configuration Follower

Follower account as a slow:

ACCOUNT: MT5|Broker1

1 Login Details 2 Connection 3 Subscribed Symbols (3/3) 4 Symbols Mapped (2)

Login Settings Symbols Snap Log

List of Available Symbols (1484)

Selected Symbols to Subscribe (3)

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size	Custom MM	Custom TP	Custom SL
BTCUSD.nx	97047.80	97065.90	1810	0.01	100.00	1	Disable	-	-
EURUSD	1.03311	1.03324	13	0.01	100.00	100,000	Disable	-	-
XAUUSD	2897.41	2897.55	14	0.01	100.00	100	Fixed_0.01	10[H]	100[H]

Symbol: XAUUSD

Re-subscribe Symbol on Idle: 600 (In Second) SESSIONS INFO

MM Mode (Per Symbol) ☒ [Manual Fixed Lot Size] [Lot = 0.01] EDIT MM

One Order ☐ incl. TP/SL in one go

☒ Custom Take Profit 10 (Point-based) ☒ Enable Hidden TP

☒ Custom Stop Loss 100 (Point-based) ☒ Enable Hidden SL

EDIT TP/SL NOW

Select XAUUSD, Enable MM Mode as Fixed Lot Size = x.xx and Setup Hidden TP and SL

Note: If MM Mode per symbol is not checked. It will not open the order.

Setup and Configuration Master

Master account as a fast feeder.

Subscribe XAUUSD and Symbols Mapping:

Click (see blue arrow)

Mirror Trading Manager - ACCOUNT: Master MT5|Darwinex

ACCOUNT: MT5|Darwinex

1 Login Details 2 Connection 3 Subscribed Symbols (2/2) 4 Symbols Mapped (1)

Login Settings Symbols News Signal Provider Snap Log

List of Available Symbols (886)

Selected Symbols to Subscribe (2)

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size
EURUSD	1.03364	1.03367	3	0.01	100.00	100,000
XAUUSD	2899.92	2900.22	30	0.01	100.00	100

Mirror Trading Manager v5.2.4.12 - Symbols Mapping

SYMBOLS MAPPING

Cnn Master	Symbols #	Master Symbols	Contract Size	Cnn Follower	Symbol	Contract Size	Status
Darwinex MT5 #400005677	2	EURUSD	100,000	Broker1 MT5 #423993	XAUUSD	100	Subscribed
PEPPER_ANTON CTRADER #4184727	3	XAUUSD	100				

Make sure Darwinex MT5 XAUUD links to Slow Broker XAUUSD (both have check boxes = ticked)

Note: Do not use Darwinex Zero.



FAQ:

1. Darwinex doesn't accept my country, what is the solution?

There are other ultra-fast real-time data providers

MT5 – I do not know of any other MT5 brokers. It takes a lot of time to research, test and compare.

FIX API – LMAX and TraderMade. We will add FIX API connector in the future. Timeframe to complete: N/A (budget reason).

Note: MT4 is not fast enough. It has 10 ticks per second as maximum for one symbol. Over 100 ticks per second is required.

2. Will it work on any brokers?

Answer is no. B-Book / instant execution works mostly.

A-Book vs. B-Book Brokers in Forex Trading

Forex brokers operate under two primary models: **A-Book** and **B-Book**. The difference lies in how they handle your trades.

◆ A-Book Brokers (STP/ECN) – No Conflict of Interest

◆ How It Works:

- A-Book brokers **send your orders to liquidity providers** (banks, hedge funds, or other traders).
- They **do not trade against you**. Liquidity providers might trade against you from their side.
- These brokers make money through **commissions or spreads**, not your losses.

◆ Advantages:

- ✓ No conflict of interest – the broker does not profit from your losses.
- ✓ Transparent pricing with access to **real market conditions**.
- ✓ Better for traders who prefer **raw spreads** and deep liquidity.

◆ Disadvantages:

- ✗ Higher spreads or commissions due to **external liquidity providers**.
- ✗ Slippage may occur in volatile markets.

- ◆ **Examples of A-Book Brokers:** IC Markets (ECN), Pepperstone (ECN/STP), Dukascopy (Swiss Bank ECN)

◆ B-Book Brokers (Market Makers) – Potential Conflict of Interest

◆ How It Works:

- B-Book brokers **take the opposite side of your trade**.
- If you **lose money, they profit**; if you win, they may hedge or pay out.
- These brokers **create an internal market** and sometimes manipulate spreads.

◆ Advantages:

- ✓ Fixed spreads, which can be beneficial for small traders.
- ✓ No slippage or liquidity issues since trades **stay within the broker**.
- ✓ Lower commissions compared to A-Book brokers.

◆ Disadvantages:

- ✗ **Conflict of interest** – they benefit when you lose money.
- ✗ Some brokers may **manipulate prices** or create artificial stop-hunting.
- ✗ Less transparency in trade execution.



✦ Instant Execution vs. Market Execution in Forex Trading

When placing an order in Forex, the execution method determines how your trade is processed. The two main types are **Instant Execution** and **Market Execution**. Here's how they differ:

♦ Instant Execution – Fixed Price, Possible Requotes

♦ How It Works:

- You set the exact **price at which you want to enter** a trade.
- If the broker **can fill** your order at that price, the trade is executed.
- If the price has moved, you get a **requote**, asking you to accept the new price or cancel.

♦ Best For:

- ✓ Traders who want **precision** (e.g., scalpers, news traders).
- ✓ Situations where price stability is preferred.

♦ Disadvantages:

- ✗ Requotes can be **frustrating** in fast-moving markets.
- ✗ Less flexibility during high volatility.

♦ Brokers That Use It:

- ✓ Typically **B-Book (Market Maker)** brokers.
-

♦ Market Execution – No Requotes, Price May Vary

♦ How It Works:

- You place an order, and it is **executed at the best available market price**.
- There are **no requotes**, but the price might be slightly different from what you expected (**slippage**).

♦ Best For:

- ✓ Traders who need **fast execution** (scalpers, high-frequency traders).
- ✓ Those using **ECN/STP brokers** (real market conditions).

♦ Disadvantages:

- ✗ You might **not get the exact price** you requested due to slippage.

♦ Brokers That Use It:

- ✓ Mostly **A-Book (ECN/STP)** brokers.

3. Which broker will pay out?

I cannot share the information because ...

- They might change their policies / their servers from time to time.
- Traders will abuse the brokers.

4. Profit sharing?

I am not interested in profit sharing due to financial, legalist and tax reasons.



Result (still under testing phase):

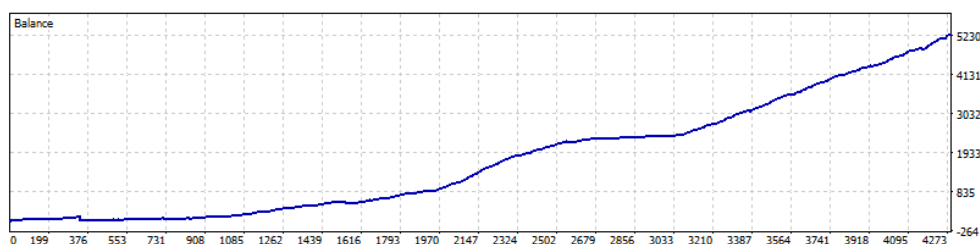
Trade History Report

Account: ##### (USD, Server, real, Hedge)

Company: Financial

Date: 2024.12.01 - 2025.03.13

Balance:	5 254.92	Free Margin:	5 284.92
Credit Facility:	30.00	Margin:	0.00
Floating P/L:	0.00	Margin Level:	0.00%
Equity:	5 284.92		



Results

Total Net Profit:	5 356.92	Gross Profit:	8 331.41	Gross Loss:	-2 974.49
Profit Factor:	2.80	Expected Payoff:	1.20		
Recovery Factor:	98.47	Sharpe Ratio:	0.15		

Balance Drawdown:					
Balance Drawdown Absolute:	0.00	Balance Drawdown Maximal:	54.40 (2.30%)	Balance Drawdown Relative:	24.27% (38.34)
Total Trades:	4468	Short Trades (won %):	2393 (84.12%)	Long Trades (won %):	2075 (86.31%)
		Profit Trades (% of total):	3804 (85.14%)	Loss Trades (% of total):	664 (14.86%)
		Largest profit trade:	35.20	Largest loss trade:	-38.00
		Average profit trade:	2.19	Average loss trade:	-4.48
		Maximum consecutive wins (\$):	81 (45.62)	Maximum consecutive losses (\$):	22 (-24.42)
		Maximal consecutive profit (count):	294.80 (75)	Maximal consecutive loss (count):	-39.48 (2)
		Average consecutive wins:	8	Average consecutive losses:	1

