

About the Developer

He has completed 10 years in his software development career. Passionate about finance and mathematics, he has been developing algorithm-based trading robots for the past two years. As his university graduation project, he built a tool to prove his own algorithm. However, since the professors couldn't understand it, he was given the lowest grade and graduated accordingly.

Unable to find a job in this field and lacking sufficient capital, he continued his career as a backend developer like most traditional programmers. Since he hadn't yet discovered the MetaTrader market platform, the idea of developing robots with MQL had never occurred to him. After working for years in various institutions as a backend developer and feeling unappreciated, he resigned and began traveling the world.

Since 2018, he has been manually trading and eventually decided to learn how to code trading robots. After discovering spiritual meditation practices in Asia, he realized that sharing his robots with others wasn't a bad idea. Even though he sells them now, he still enjoys receiving compliments when offering them for free at first. He also believes that sharing the robots for free contributes more to their development than selling them directly. He gives great importance to your feedback and suggestions.

If you want to stay informed about my new robots, new features, and their set files, please join my channel: [Furkan's Robots](#)

I love everyone who leaves a review, especially those who say kind things. While traveling the world, I made plans to open a Party Hostel. Anyone who wants will be able to stay there for free. I'll share the announcement on my YouTube channel named Alper Çelebi

Frequently Asked Questions (FAQ)

1. The EA didn't open any trades!?
 - a. Try starting with a very high deposit amount and observe the behavior.
 - b. Your account's leverage may not be sufficient (margin call issues).
 - c. Spread limits might be preventing the EA from entering trades.
 - d. It does not trade on weekends.
 - e. If it trades in backtest but not on a live account, the right conditions might not yet be present — you may need to wait up to 1 week.
 - f. If none of the above applies, please check the log records.
2. What's the best broker?
 - a. My main testing was done on PuPrime, and I also tested with HFM to see how it performs in different markets.
 - i. Both brokers provide excellent spread conditions.
 - ii. Both brokers manage critical spreads well, have minimal gap issues, and apply low slippage.
 - iii. Due to their large user base and high trading volume, backtest results are more reliable.

3. Why do unexpected losses occur when the balance grows too much?
 - a. When using a volume multiplier, managing open positions becomes harder as the balance grows. That's why we recommend making withdrawals if your balance exceeds \$50k or if your account has multiplied significantly.

HedgingMartingale EA

Recommended Accounts: High-leverage Standard, ECN, Raw; Cent; Propfirm

This EA combines the Martingale strategy with hedging and smart risk management. It is designed to perform consistently in strong market conditions where trend direction is hard to predict. With the proper set file, it can operate on any instrument. This shows that the EA is not overfitted and does not rely on misleading tactics. Moreover, it's a universal EA, it's not bound to any single timeframe. You can use it anytime you find a suitable pair.

Backtest results show strong performance on assets like Forex, Gold, Stocks, and Crypto. Instruments with sideways movement are its worst-case scenario.

Working Principle

Trading begins with a cycle. Opening the first trade at the right level can eliminate risk. That's why multiple cycle-start strategies have been developed – and are still evolving. You can also add your own indicator or signal to customize the entry position. (If this feature is not yet available, please contact the developer.)

- Systematically opens **Buy** and **Sell** positions.
- Increases the lot size after losses by following a predefined sequence.
- Automatically closes opposite positions to minimize losses.

Örnek işlem döngüsü:

0.02 SELL

0.04 BUY

0.08 SELL

0.16 BUY

0.32 SELL

...

Glossary

Cycle: A series of trades opened consecutively using the same signal.

Position: Each individual trade within a cycle.

The first position initiates a new cycle.

The rules defined in the set file apply **only** to the first trade!

A well-timed first trade can make you rich. The first trade can only be stopped by the **Freeze** feature or the **position limit**. The cycle ends when the last position closes in profit.

However, if the account balance is insufficient or the position limit is reached and the cycle hasn't closed in profit, serious losses may occur.

Default inputs are optimized for **XAUUSD**

To request optimized set files for **BTCUSD**, **XAUUSD**, and other FX instruments, please message the developer.

I note down everyone who gives 5 stars in my personal notebook as a thank-you gesture :>

EA Features

Advanced Trade Options:

- **Take Profit for the First Position:**
You can define a lower take profit for the initial trade to increase the probability of closing in profit. (If set to **false**, you can run an additional optimization focusing only on this input to evaluate its effectiveness.)
- **Max Spread Limit:**
Set a maximum spread threshold to prevent unfavorable trade executions. (!) Some users report that trades are not being opened — this is likely due to the spread exceeding the defined limit.
- **Critical Spread Limit:**
If the spread widens significantly during an active cycle, the EA freezes trading and clears all pending orders. When the spread returns to normal, the EA resumes trading and reinstates pending orders.

Multi-Symbol & Multi-EA Handling:

If you want to prevent different EAs (or the same EA on different pairs) from entering trades simultaneously, use this section.

Input the **Magic Numbers** of the EAs to block. Separate multiple numbers with commas.

Example: 12345,65431,34123

! This feature only prevents the **first trade** of a cycle. If the first trade is blocked, the cycle will not start at all – reducing risk and potential drawdown.

- Blocked Magic Numbers

Cross Trade Protection:

Use this feature if you want to prevent the EA from opening trades in the same or opposite direction of existing positions.

- Same Direction Blocked Magic Number List (Blocks IF: Buy-Buy, Sell-Sell)
- Opposite Direction Blocked Magic Number List (Blocks IF: Buy-Sell, Sell-Buy)

Example Scenarios:

Scenario 1:

If an XAUUSD Buy position is already in profit, opening a Sell trade based on a new signal will not negatively affect equity. As the Buy trade starts losing, the Sell will likely move into profit. So, if you've installed the EA on both XAUUSD and BTCUSD charts (e.g. XAUUSD Buy and BTCUSD Sell), then:

use **Same Direction Blocked Magic Number List**.

(! If you use XAUUSD on both charts with the same entry logic, both instances might open identical trades. To avoid this, use different entry strategies when running the same symbol on multiple charts.)

Scenario 2:

If EURUSD Buy is in +\$2 profit, and USDJPY Buy is about to be triggered (assuming USD is gaining strength), then:

use **Opposite Direction Blocked Magic Number List**.

Note: Regardless of your choice, trades won't open if the existing position is not in profit.

Dynamic Lot Size (Volume Multiplier):

The goal is **not** to increase the lot size as your balance grows, but rather to **increase the number of trades** automatically. This way, you can manage trades without hitting your broker's lot size limits. In multi-EA environments, it is recommended to use **Equity-Based** mode.

- Balance-based
- Equity-based

Not: To ensure correct volume calculations, set the **Initial Balance** parameter equal to your starting balance. (Though optional, it helps standardize calculations.)

If You Have a Large Balance:

If your account balance is **\$20,000** and the **InitialBalance** parameter is set to **\$6,000**, and the first lot size defined in the **LotSize** list is **0.02**, then the first trade will be calculated as:

$$0.02 \times (20000 / 6000) = 0.06 \text{ lot}$$

If your balance is **\$3,000**, and the **InitialBalance** is **\$6,000**, then the multiplier will remain **1×**, and the lot size will stay at **0.02** until your balance reaches **\$12,000** (2× of InitialBalance).

Entry Strategies for Positions:

To ensure maximum flexibility when opening the first position in a cycle, multiple strategy options are provided.

Starting a cycle during a strong trend can reduce risks, so various strategies have been developed – and are still being expanded – for this purpose.

- Candle Direction + ATR
 - Uses the candle's direction combined with ATR (Average True Range).
 - ATR is disabled for FX instruments.
- ADX Indicator
 - Uses trend strength based on the Average Directional Index.
- Custom Indicator (Path girilmelidir)
 - Allows you to use your own custom indicator for entry signals.
 - Path Name (e.g. **Market/IndicatorName** or simply **IndicatorName**)
 - Buffer data {**IF NOT_EMPTY** - **IF LOWER_THAN** - **IF HIGHER_THAN** - **IF EQUAL**}
 - Buffer Index (e.g: 0,1,2,3,4,..)
 - Shift (**0**:Current Candle - **1**:Completed Candle - **2**:Previous Candle,..)
 - Comparison Method {**Current Bid price** - **Fixed Threshold**}

Custom Indicator - (It Will Be Your Special Strategy)

Do you have a better method to catch vertical movement instead of sideways trends?
Do you have your own indicator for this? Then go ahead and test it. If it works, great for you!
You can use any indicator you found or developed. Just make sure the **path name** is correct.

Once you select the custom indicator, you must know the **Buffer Index** value.
Usually, when you add the indicator to the chart, new values appear in the **Data Window**, these values belong to the indicator and are typically indexed as **0, 1, 2...** in order.
However, some indicators might use different indexing. In such cases, you should contact the developer of the indicator.

Shift determines which candle the signal should come from:

- 0** = Current forming candle
- 1** = Completed candle
- 2** = Previous candle, etc.

Example:

If you're using an indicator like **Moving Average**, choose **Current Bid Price** for comparison.

For indicators like **RSI**, use a **Fixed Threshold** (e.g. 30, 70)

For a Buy signal:

IF LOWER_THAN condition is true if the indicator value drops below the **current bid price**.

***Note:** If you get better results using your own indicator and let me know, I'll keep it confidential. And I might even surprise you with a small thank-you in return 😊*

Time Permissions Control:

The strength of a trend can vary by time of day. If you prefer, you can restrict trading to specific days and time intervals.

Day-Based Trading: Enter the days of the week on which you want trading to occur, using numbers. For example: **1, 2, 3, 4, 5** (Monday to Friday)

Days **6** and **7** (Saturday and Sunday) are disabled by code, as weekends typically have low volume and are high risk

Time-Based Trading: You can define allowed trading hours in **HH:MM-HH:MM** format.

For example: **03:30-21:30** or **21:30-03:00**

This is useful if you want to:

- Capture high volume at market opening hours
- Focus on short-term scalping windows with faster entries and exits

Note: The EA **blocks the first trade** of a new cycle during the first **75 minutes** of every trading day. This is because spreads are usually wide and volume is low during this time – preventing the EA from starting with a bad position.

Gap Protection Setting:

When enabled (**true**), the EA opens a **hedge trade in the opposite direction** before carrying a position over the weekend. This protects your account from large slippage caused by **weekend gaps** when markets reopen on Monday.



On Monday at the time you specify, the EA will **close the hedge trade** and resume the original trading cycle. If you wish, you can also keep the hedge trade open until Monday evening. If the hedge trade closes in profit or loss, the EA will **update the TP and SL of the original trade accordingly**, ensuring the overall risk and reward are properly adjusted.

If the hedge trade closes at a loss, the **Take Profit** of the original position will be pushed further.

This setting makes it safe to include **Fridays (5)** in your **Weekday Permissions**

Example Weekday Permissions: 1,2,3,4,5 (Monday to Friday)

Market Rest Time Setting:

After periods of high volatility, it's essential to pause trading before opening new positions. Especially when the **last trade closed in profit**, the market may enter a **zigzag phase** with minor pullbacks.

To avoid acting on misleading signals during such times, these timers are provided – and have shown to improve performance

- **After Last Trade Pending Timer:**
Waits a specific number of candles (e.g., 6 candles on H1 chart) after the **last position** is closed.
- **After First Trade Pending Timer:**
Starts a timer right after the **first trade** of a cycle is opened. This timer controls how long the EA waits before starting the **next cycle** – useful when the previous cycle took a long time to complete and you want a delay before jumping in again.

This feature adds smart pauses between trades, helping the EA avoid unnecessary exposure in low-quality setups

Freeze Trade System:

As the name suggests, this system allows you to **pause a trading cycle** and restart it later. It is especially useful when a cycle has already started but hasn't reached a profitable point, and you don't want to take on more risk by opening additional trades immediately.

Let's say 4 trades have been opened, and you don't want to push your luck by opening 5th, 6th, or 7th positions – you can use this feature to transfer the risk to the next entry strategy instead.

Purpose: To offload the accumulated risk of the current cycle onto the next strategy

When you enable **Freeze Trades = true**, the EA will:

- Temporarily pause trading and freeze the current cycle.
- Resume with the next lot size when the market conditions are favorable.
- Let you choose the new trade direction using these options: **{Follow Trend, Continue Same Direction, Reverse Direction}**

Example: You have 4 open XAUUSD trades, and the lot size has grown. Then the market enters a holiday period and no movement is expected. With Freeze Trading enabled and the **trade limit set to 4**, no further positions will be opened, and the cycle will resume **after the holiday**, starting again with the last used lot size.

This feature helps avoid compounding risk when the market is inactive or unpredictable

Bank Holiday Protection:

During holiday periods, the balance between buyers and sellers can break down, leading to unpredictable sideways movements. If you want to block the EA from opening the first trade in a cycle on specific days before or after holidays, you can configure how many days to pause trading.

Example: Prevent trading 2 days before or 2 days after a public holiday. {2,1,0 or 0,1,2}

- The built-in holiday database covers the years 2022-2025, including holidays for the following currencies: USD, EUR, GBP, JPY, CAD, CHF, AUD, NZD, CNY

Important for long-term stability – this filter avoids unexpected behavior during global market closures.

Dinamik Pips Uyumu:

The **TP** (Take Profit) and **Distance** values are automatically adjusted based on current market price. This is especially useful for **XAUUSD**, where price ranges can shift significantly over time.

During long-term backtests, using static point values can lead to distorted results because a 1% move five years ago doesn't correspond to the same point range today.

This feature allows you to adapt inputs dynamically, based on real-time price behavior.

Parameters:

- **Baseline Price:** Reference price level
- **Price Interval:** The threshold range for price changes (e.g. 200)
- **Percentage:** The percentage increase applied when the interval is crossed (e.g. 10%)

Example:

Let's say Gold rises from \$3,000 to \$3,300

Distance is initially set to 1300 points, Percentage is set to 10%

→ Then Distance will be automatically increased to 1430 points

Interesting Insight: Through testing, I realized that the production cost of gold is often reported as being around \$1600-\$1800 per ounce, while its current market price is near \$3200. That's a price gap of \$1600. When I set the Price Interval to 200 and Percentage to around 12-13%, I noticed it gives more optimum results.

In short: If the cost structure of gold changes, your dynamic pip settings might also need recalibration.

Usage Suggestions

To get the best performance, optimize entry parameters for each instrument individually:

1. Set Distance and Take Profit to similar or nearby values
(e.g., 1200 points and 900 points according to the pair)
2. Use the Freeze Trading feature selectively
 - a. It may not be useful for all pairs.
 - b. If you trust your entry strategy, feel free to enable it..
3. Enable the After Trade Timer
 - a. This allows the market to rest for 6-12 hours after a trade, reducing false signals.
4. Use the Dynamic Volume Multiplier
 - a. Helps with compound balance growth while staying within broker limits.
5. Use Dynamic Pips Adjustment for long-term backtests
 - a. Especially recommended for XAUUSD where price behavior changes drastically over time.
6. Enable Bank Holiday filter
 - a. Avoid trading during poor market conditions or low liquidity periods.
7. Run the EA on multiple pairs
 - a. Use the Blocked Magic Number List to control exposure and increase trading frequency.
 - b. This can boost your overall profit.
8. Enable Gap Protection
 - a. This helps avoid weekend slippage caused by price gaps on market open.
9. Use Critical Spread Limit
 - a. Prevents trade entries during news releases when spreads spike unexpectedly.

Note: No need to optimize ATR for FX instruments – ATR functionality is temporarily disabled.