MAI FUTURES BOT

Automated futures trading — how it works and what the analysis shows

WHAT IT IS

The MAI Futures Bot trades cryptocurrency futures on Binance according to a fixed set of rules. It runs around the clock, reviews the market once an hour, and opens or closes positions without any manual input. There is no discretion and no emotion in the loop — every decision follows the same written logic, whether the market is calm or violent.

The bot only ever manages a **capital envelope** you assign to it. It reads your wallet balance to know what is available, but it never sizes a position against anything beyond the envelope — the rest of your funds stay out of play.

HOW A TRADE IS CHOSEN

1 Scan
Every hour, on the hour, the bot reviews all liquid Binance futures pairs and shortlists the 20 strongest movers.

2 Score
Each candidate gets a 0-100 rating built from five signals, with a penalty for coins that already ran too far too fast.

3 Size
Position size comes from the profile's risk setting and the distance to the stop — never from a fixed dollar amount.

4 Manage
Stops trail the price, half the position is banked early, and reversals are cut before the stop is reached.

The five signals behind the score

- **Trend direction** — is the coin's own trend moving with the trade or against it
- **Trend strength** — is the move powerful enough to continue, or is it drifting
- **Momentum** — is the coin already overbought or oversold
- **Large-player activity** — are big traders accumulating or distributing
- **Funding cost** — how expensive it is to hold the position

A candidate is only traded when its score clears the profile's threshold. Most candidates never make it: in a typical hour the bot reviews twenty and often opens nothing at all.

WHERE AI FITS IN

An AI layer reviews each candidate the rules have already approved. It answers one narrow question: **does this particular setup carry elevated risk?** If it does, the AI reduces the size of that position.

Three limits, by design

- The AI **can only reduce** risk, never increase it
- The AI **cannot veto** a trade — entry decisions stay with the rules
- If the AI is unavailable, the bot trades on its normal profile limits

Risk floors are fixed per profile: Conservative can be cut from 1.25% to 0.5%, Moderate from 2.5% to 1.0%, Aggressive from 4.0% to 2.0%. The AI works inside that band and nowhere else. It is a brake, not a steering wheel.

HOW THE CAPITAL IS PROTECTED

- **Volatility-based stop** — every position gets a stop-loss placed at twice the instrument's average range, so a calm coin and a wild one are treated differently
- **Early profit taking** — half the position is closed once the trade moves two ranges in your favour
- **Trailing stop** — after a favourable move the stop follows the price and never moves back
- **Reversal exits** — if the market turns decisively against an open position, it is closed before the stop is reached
- **Daily loss cap** — if losses in a single day reach the profile's limit, trading halts for 24 hours
- **Circuit Breaker** — if the envelope falls by more than the profile allows from its peak, all trading halts for 24 hours

THE THREE PROFILES

Conservative

Risk per trade	1.25%
Leverage	2–4x
Max holding	72h
Entry score	85+
Auto-halt at	20%
Daily loss cap	10%

Capital preservation first. The smallest position size, the narrowest leverage range and the tightest drawdown limit of the three.

Moderate

Risk per trade	2.5%
Leverage	2–5x
Max holding	72h
Entry score	85+
Auto-halt at	30%
Daily loss cap	15%

Balanced setting. The same strict entry bar as Conservative, but twice the position size and more room before the bot pauses itself.

Aggressive

Risk per trade	4.0%
Leverage	2–10x
Max holding	72h
Entry score	85+
Auto-halt at	40%
Daily loss cap	20%

Most exposure. The same strict entry bar as the others, but the largest position size, widest leverage range and highest drawdown tolerance.

WHAT THE ANALYSIS SHOWS

The bot was tested on twelve months of real Binance market data, split into four consecutive quarters ending June 2026 — the most recent full year of trading. Every test used the same rules, fees and slippage the live bot works with, and the Circuit Breaker was active throughout — so the figures reflect a bot that stops itself, as it would in practice.

> **These are modelled results, not a promise.** Backtests describe how a strategy would have behaved on data that has already happened. They cannot predict the future, and no result here should be read as expected income. Futures trading carries the risk of substantial loss.

PROFILE	TRADES	WIN RATE	PROFIT FACTOR	RETURN	MAX DRAWDOWN
Conservative	541	59.5%	1.756	+17%	14%
Moderate	501	58.2%	1.686	+24%	22%
Aggressive	598	55.4%	1.533	+38%	37%

Profit Factor is the clearest single number here: it is total profit divided by total loss. Above 1.0 means the strategy made more than it lost over the period.

HOW THE TESTING WAS DONE

- **Real market data.** Every candle comes from Binance's own historical record — the same prices the bot would have seen at the time.
- **The coin list is rebuilt every hour.** The bot re-picks its candidates at each step from what was actually liquid on that date. It is never handed a list of coins chosen because we already know they did well.
- **Costs are charged.** Trading fees and funding payments are deducted on every position, using the real funding rates recorded for that hour.
- **Exits are checked in 15-minute steps, not once an hour.** Each hour is split into four slices so a trailing stop can move inside the hour. Without this, the model over-stated results by roughly double — we found it, fixed it, and every figure in this report is the corrected one.
- **Ties go against us.** When a single candle touches both the stop and the target, the model counts the loss. It never assumes the lucky order.
- **Positions too small to open are dropped**, exactly as the live bot drops them.

WHAT $500 WOULD HAVE DONE

$500 ENVELOPE	JUL–SEP 2025	OCT–DEC 2025	JAN–MAR 2026	APR–JUN 2026
Conservative	$533 low $460	$656 low $495	$520 low $475	$647 low $480
Moderate	$512 low $430	$740 low $485	$515 low $440	$800 low $460
Aggressive	$460 low $350	$780 low $460	$460 low $310	$850 low $400

Each column is a separate quarter, not a running total — every one starts again from $500. **Low** is the lowest the envelope ever fell inside that quarter — a quarter that ends higher can still spend a long stretch below where it started.

Not every quarter is green — and that matters

Not every quarter is green, and the table above shows it rather than hiding it. This is a trend-following system: it earns when markets move and gives some of it back when they chop sideways. That is precisely why the drawdown limits and the Circuit Breaker exist — they cap how much a bad quarter can cost.

THE ROAD TO RELEASE

The bot is not being released on the strength of a backtest. It has to prove itself in live trading first — twice, on two different kinds of money.

NOW **Live on Binance Testnet**

The bot trades continuously on Binance's test network, using the same code, the same hourly cycle and the same risk rules it will use in production — but with simulated funds. This stage validates the entire loop end to end under real market movement.

NEXT **Mainnet, real capital**

The team then runs the bot on Binance mainnet with real money. Testnet cannot reproduce genuine order execution, slippage or liquidity, so no release decision is made until the bot has traded real capital and the results have been reviewed.

THEN **Public release**

Only after the mainnet stage is completed does the bot open to the community. Release is planned to follow shortly after the $MAI listing.

ONE MONTH FREE ON TESTNET — FOR EVERY USER

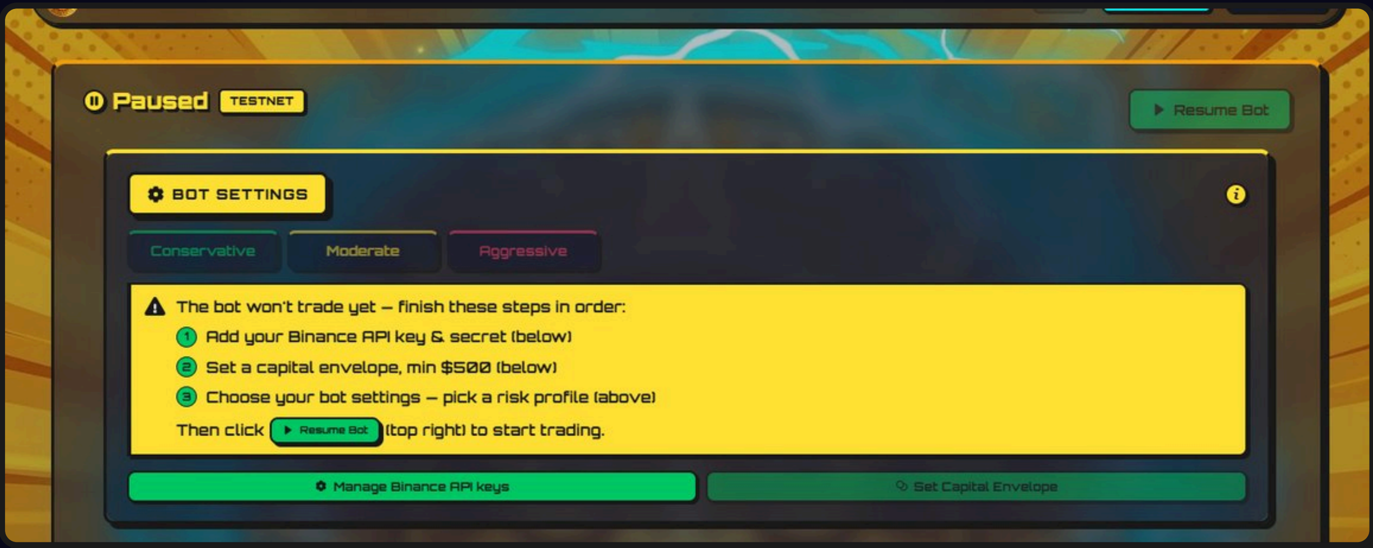
At release, every user gets a **full month of the bot running on Binance Testnet** at no cost. Same bot, same settings, same dashboard — but with simulated funds. You watch it trade on your own screen, through a real market month, before deciding whether to give it a single dollar of your own.

Nothing in this document is financial advice or an offer to invest. Past performance, modelled or real, does not indicate future results. Never allocate money you cannot afford to lose.

SETTING IT UP

The bot is operated from a single dashboard. Setup takes three steps, and until all three are done the bot stays paused and tells you exactly what is missing.

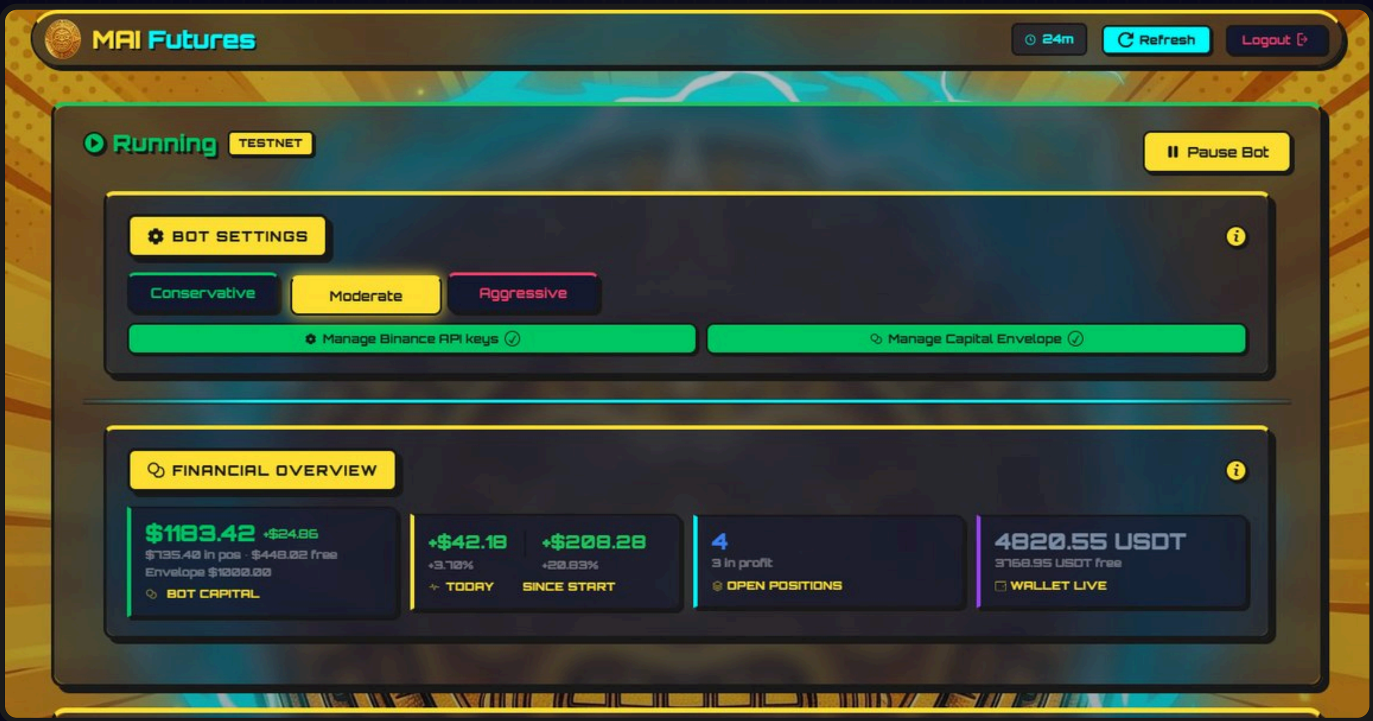
> **Interface preview — sample data.** The figures in these screenshots are illustrative, generated to show how information is displayed. They are not real trading results.



First launch — the bot will not trade until all three steps are complete

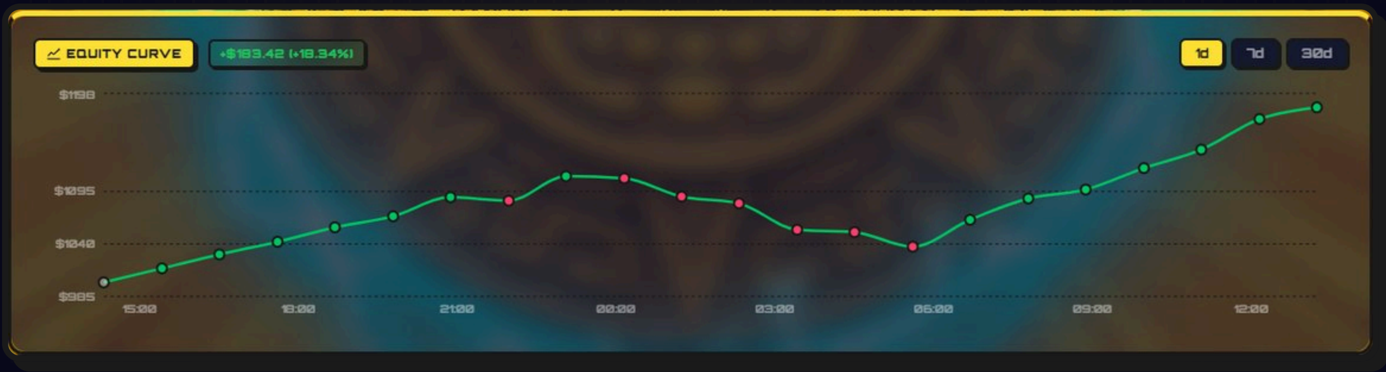
Nothing starts by accident. You add your Binance API key, decide how much money the bot is allowed to manage, and pick a risk profile. Only then does the Resume button do anything.

RUNNING

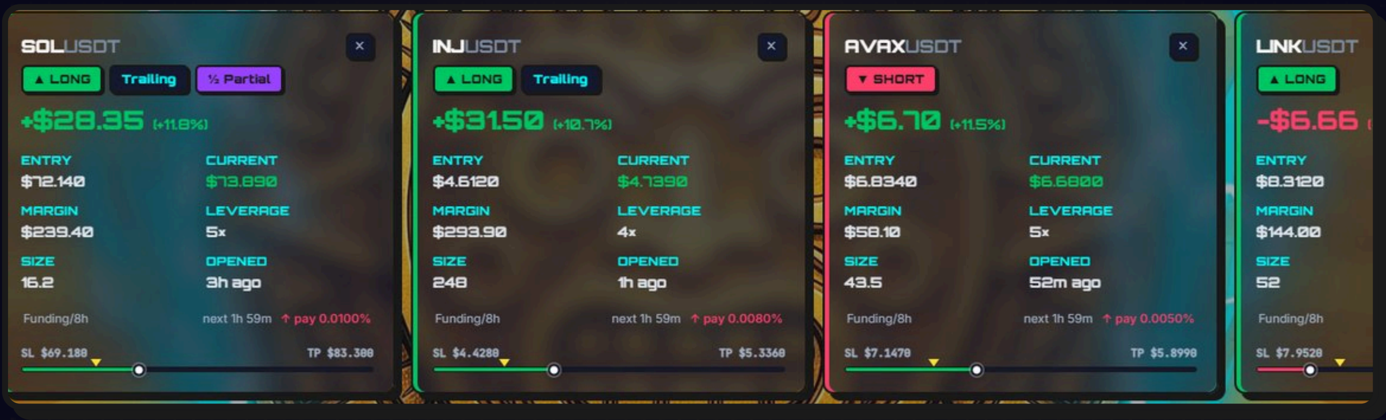


Capital, today's result, total since start, open positions and wallet

WATCHING IT WORK



Equity curve — green dots are closed winners, red dots are closed losers



Open positions — entry, current price, margin, leverage and the live stop-loss / take-profit bar

THE RECORD IT KEEPS

SYMBOL	REALIZED PNL	CLOSED
SOLUSDT	+$18.42	Aug 6, 05:32 PM
ARBUSDT ×2 ½	+$12.05	Aug 6, 02:32 PM
AVAXUSDT	-$9.38	Aug 6, 10:32 AM
INJUSDT	-$4.12	Aug 6, 05:32 AM
TIAUSDT	+$6.77	Aug 6, 12:32 AM
NEARUSDT	-$3.05	Aug 5, 07:32 PM
DOTUSDT ×3 ½	+$9.14	Aug 5, 02:32 PM
LINKUSDT	+$2.86	Aug 5, 10:32 AM
SUIUSDT ×2 ½	+$15.63	Aug 5, 05:32 AM
OPUSDT	-$7.21	Aug 4, 11:32 PM

10 trades

Trade history — every closed position with its realised result, and a badge showing how it ended: target reached, trailing stop, stop loss, early exit, time limit or closed manually

- Aug 6, 04:32 PM **SETTINGS APPLIED**
  Moderate · Risk 2.5% · Lev 2–5x · max 10 positions · 72h hold · Score 85–100
- Aug 6, 11:32 AM **BOT RESUMED**
  trading resumes at the next hourly scan
- Aug 6, 03:32 AM **BOT PAUSED**
- Aug 5, 09:32 PM **CAPITAL ADDED**
  $500.00 → $750.00 (+250.00)
- Aug 5, 02:32 PM **CIRCUIT BREAKER CLEARED**
  trading resumes at the next hourly scan
- Aug 4, 02:32 PM **CIRCUIT BREAKER**
  Daily loss limit reached · halted until 02:32 PM
- Aug 4, 09:32 AM **MANUAL CLOSE REQUESTED** APTUSDT
- Aug 4, 03:32 AM **CAPITAL CHANGED**
  $620.00 → $500.00 (-120.00)
- Aug 3, 09:32 PM **SETTINGS APPLIED**
  Conservative · Risk 1.3% · Lev 2–4x · max 10 positions · 72h hold · Score 85–100
- Aug 3, 02:32 PM **BOT RESUMED**
  trading resumes at the next hourly scan

10 events

Event log — decisions that affect the whole account: pauses, Circuit Breaker halts, capital and settings changes