

ValeriaGold V1.66

Configuration Guide — Multi-Strategy Trend Following EA for Gold

ValeriaGold is a trend following EA for MetaTrader 5. It trades Gold with eleven independent strategies at once, spread across the M5, M15, M30, H1 and H4 timeframes. All eleven run from a single chart.

The strategies differ in three ways: the timeframe they work on, the trading session they are active in, and how they exit. Some take a fixed profit target, others trail the price for as long as the move lasts. Because they enter and leave at different moments, they rarely all lose at the same time — and that is what keeps the drawdown low.

Attach the EA to a XAUUSD chart. The entry settings for each strategy are optimized and built into the EA. This guide follows the order of the parameter groups in the settings panel.

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Getting Started

Only three settings need your attention. Everything else is pre-configured.

1. Portfolio mode — Chooses which strategies run. Aggressive uses all eleven, Defensive a smaller low-drawdown selection.

2. Risk per trade — Sets how large each position is. Default is 0.1% of equity per trade.

3. Max Daily Drawdown — Off by default. Set it if you trade a prop firm account with a daily loss limit.

Start with the defaults. Run the EA on a demo account for a few weeks before going live.

How It Works

ValeriaGold is a momentum breakout system. It waits for the price to break out in the direction of an established trend, then enters on the next bar.

Every position opens with a fixed stop loss and, where configured, a take profit that is placed on the broker's server at the same moment. How a winning trade is closed depends on the strategy: some take a fixed profit target, others trail the price and stay in as long as the move continues.

The EA does not buy dips and never averages down. Signals are evaluated on closed bars only.

Portfolio Mode

Eleven strategies are more than most traders want to evaluate one by one. Portfolio mode makes that choice for you.

Mode	Strategies	What it does
Aggressive	all eleven	Highest return and the widest spread of holding times. The default.
Defensive	a selected subset	Around a third of the drawdown, with a slightly better profit factor. Fewer trades and roughly half the return.
Manual	your choice	The strategy switches apply. All are on by default.

The defensive selection was not picked by ranking the strategies individually. It comes from testing every combination of five to eight strategies against each other and keeping the one with the smallest drawdown that did not lose efficiency. Some strategies that look strong on their own do not belong in that set, because they move together with the others.

Portfolio mode changes which strategies run — nothing else. Your risk per trade stays exactly the same in every mode. If you want less risk, lower Risk per trade; if you want less drawdown, choose Defensive.

The strategy switches under "Strategies - Manual Mode Only" have no effect unless Portfolio mode is set to Manual. If you change them in another mode, the EA writes a note to the journal explaining that they are being ignored.

Strategies

Eleven independent strategies. Each has its own timeframe, its own entry settings and its own magic number.

Strategy	Trades/mo.	Typical hold	Character
S0: M5 Fixed TP	~13	~2 hours	Fixed target. Many small trades, the most modest result per trade of the eleven.
S1: M5 Trail	~15	~2 hours	Same entries as S0, but trails. Wins less often and earns more per trade.
S2: M15 Fixed TP	~12	~2 hours	Fixed target on the 15-minute chart. Solid hit rate, quick turnover.
S3: Asia / London M15	~11	~4 hours	Asian and London hours only. Trails. Wins around six trades in ten.
S4: New York M15	~12	~4 hours	New York hours only. Trails. The largest single contributor to the result.
S5: M30 Trail	~5	~5 hours	Patient and selective. Small, steady contribution with a strong ratio.
S6: H1 Trail	~4	~19 hours	Few trades, long holds. Its own swings are larger than most.
S7: H1 Trail	~5	~11 hours	Same timeframe as S6 with different entry settings — steadier and shorter.
S8: H4 Trail	~3	~20 hours	Slow and highly selective. Strong win-to-loss ratio, very few trades.
S9	~6	~11 hours	Wins about seven trades in ten — one of the two highest hit rates in the portfolio.
S10	~4	~2 days	The slowest and most patient. Highest hit rate of all eleven, but holds positions for days.

Trade frequency ranges from about three a month to fifteen, and holding times from under two hours to two days. That spread is the point: when a fast strategy is stopped out by noise, a slow one is often still in the same move. It is the closest thing to diversification available when every strategy trades the same instrument.

Two exit styles

The names tell you how each strategy closes a winning trade.

- **Fixed TP** — the trade closes at a set profit target. Reliable, takes profit early, gives up the tail of a big move.
- **Trail** — the stop follows the price and there is no fixed target. Gives back a little at the end of every move, but rides the large trends that pay for the losers.

Both styles work on Gold, and they work at different times. A fixed target wins in choppy markets that reverse quickly. A trailing stop wins in the long, sustained moves. Running both is deliberate.

Session strategies

S3 and S4 are restricted to specific trading sessions. Gold behaves differently depending on which market is open: the Asian and London hours tend to produce two-sided moves, while the New York session carries the US macro flow and moves in longer, more directional swings.

Expect long quiet spells from the slower strategies. S6 and S8 can go several months without a single trade — that is their filters doing their job, not a fault. The fast strategies keep the portfolio active in the meantime.

Disabling a strategy stops new entries for it. A position it already holds stays open and is managed normally until it closes.

Risk / Lot Sizing

One risk setting applies to all strategies. There is no per-strategy sizing, and Portfolio mode does not change it.

Parameter	Default	Description
Risk Mode	Risk % of Equity	Risk % of Equity Fixed Lots Lots per Balance
Risk per trade	0.1	Percent mode: risk per trade as % of equity
Fixed Lots	0.01	Fixed and per-balance mode: base lot size
Balance Ref	500	Per-balance mode: balance per lot unit
Min Lot Mode	Use minimum	Skip Use minimum (round up) Use minimum if risk allows
Min Lot Max Risk Factor	3.0	How far over target risk the minimum lot may go

The three sizing modes

- **Risk % of Equity (default)** — the position is sized so that hitting the stop loss costs the set percentage of your equity. Because the stop distance adapts to the market, the position gets smaller in wild markets and larger in calm ones. Your risk per trade stays constant.
- **Fixed Lots** — always the same lot size. Simple and predictable, but your risk in currency terms swings with market volatility.
- **Lots per Balance** — the lot size grows with your balance. With Fixed Lots at 0.01 and Balance Ref at 500, you trade 0.01 lots at €500, 0.02 at €1,000, and so on. The lot only changes when a trade closes, never while a position is open.

Percent mode is recommended. It is the only mode where your risk per trade stays the same no matter what the market does.

Risk per trade and total exposure

The default of 0.1% applies to each strategy separately. If all eleven hold a position at the same time, your total risk is about 1.1%. That figure is the reason for the low default: all eleven trade the same instrument and are usually positioned in the same direction, so the maximum is a realistic case rather than a theoretical one.

If you raise Risk per trade, the worst case rises with it. A useful rule of thumb is to pick your target total risk first and divide by the number of strategies you leave enabled.

When the calculated lot is below the broker minimum

On small accounts the calculated lot can fall below what the broker allows. Min Lot Mode decides what happens then:

- **Skip** — no trade. Cleanest for risk, but you miss setups.
- **Use minimum (default)** — round the lot up to the broker minimum and trade it. Nothing is skipped, but on a small account the realized risk of that trade can be several times your target. Min Lot Max Risk Factor does not apply in this mode.
- **Use minimum if risk allows** — trade the minimum lot only if the resulting risk stays within Min Lot Max Risk Factor times your target. Otherwise skip.

Rounding up is the default so that every strategy stays active on smaller accounts. In testing, the alternative mode silently stopped the slower strategies from trading at all for years.

Prop Firm Settings

These settings exist for funded and evaluation accounts. All are off by default and are not needed on a normal broker account.

Parameter	Default	Description
Random Entry Delay	off	Delay each entry randomly by 0–30 seconds
News Filter Min Prio	Off	Off Low Moderate High
News Minutes Before	15	Pause entries this long before an event
News Minutes After	15	Pause entries this long after an event
Max Daily Drawdown Pct	0.0	Close everything at this daily loss; 0 = off
Daily Reset Hour	0	Hour of the daily reset, UTC (0–23)
Portfolio loss streak	0	Pause everything after this many losses in a row; 0 = off
Portfolio pause hours	24	How long that pause lasts; 0 = rest of the day

Max Daily Drawdown

The most important setting on a prop account. It measures your loss against the balance at the start of the trading day. When the limit is hit, the EA closes every open position and stops trading until the next reset. This is a hard stop, not a pause.

- **Set it below your prop firm's limit** — if the firm allows 5%, set 4%. Slippage and spread can push the realized loss past the trigger.
- **Check the reset time** — Daily Reset Hour must match your firm's rule. Many firms reset at 17:00 New York, which is 21:00 or 22:00 UTC depending on daylight saving.

Portfolio loss streak

An emergency brake. If the portfolio produces the set number of losing trades in a row — counted across all strategies together — every strategy pauses for the configured number of hours.

This is not a performance setting. In testing, low thresholds made results worse, because the pause also cut off the recovery. Its purpose is to catch the situation where something is genuinely wrong: a bad price feed, a broker problem, or an unusual market. Use a high threshold, twelve or more, so it stays quiet in normal conditions.

Leave this off unless you have a specific reason. The individual strategies rarely lose more than a handful of trades in a row; a long portfolio streak usually means several fast strategies were caught by the same hour of market noise, and they normally recover together too.

News Filter

Blocks new entries around economic calendar events. The setting is a minimum: Moderate pauses for both moderate and high impact events. Open positions are not touched — stops and trailing keep working through the news.

The MetaTrader Strategy Tester has no calendar access. The news filter does nothing in a backtest. It only works live or in forward testing.

Random Entry Delay

Delays each entry by a random 0 to 30 seconds. Prop firms flag identical execution timestamps across accounts as copy trading. The delay breaks that pattern, and a few seconds barely affect the entry price.

Event Filter

Gold reacts strongly to US macro releases. This filter blocks new entries on the days those releases are scheduled. It works on whole days, not minutes: if an enabled event falls on today's date, no new positions are opened for the entire day.

Parameter	Default	Description
Use Event Filter	off	Master switch for the event filter
Event Filter CPI	on	Consumer Price Index release days
Event Filter NFP	on	Nonfarm Payrolls / Employment Situation days
Event Filter FOMC	on	FOMC interest rate decision days

Parameter	Default	Description
Event Filter PPI	off	Producer Price Index release days
Event Filter JOLTS	off	Job openings report days

The individual switches only take effect when Use Event Filter is on. The release dates are compiled into the EA — there is no file to install and nothing to keep up to date.

Open positions are never affected. Stops, targets and trailing keep working normally on an event day; only new entries are blocked.

A full trading day is a deliberate choice. An FOMC day is not over after the statement — the press conference follows half an hour later and the repricing continues for hours.

Christmas Blocker

Blocks new entries over the year-end period, when liquidity is thin, spreads widen and gaps become more likely.

Parameter	Default	Description
Use Christmas Blocker	off	Master switch for the year-end block
Christmas Start MMDD	1221	Start date as month and day; 1221 = 21 December
Christmas End MMDD	110	End date as month and day; 110 = 10 January

The dates are written as MMDD: month times 100 plus day. The default period runs from 21 December to 10 January and crosses the turn of the year, which the EA handles automatically. The block repeats every year.

This is a risk guardrail, not a performance feature. The reason to use it is execution quality over the holidays — thin books, wider spreads, and nobody at the screen — rather than any expected edge.

General Settings

Parameter	Default	Description
Pause trading	off	On blocks new entries; open trades keep running
Portfolio mode	Aggressive	Aggressive Defensive Manual
Magic Base	994000	Base number. Each strategy uses base + index
Slippage Points	20	Maximum accepted price deviation on order send
Max Spread Points	0	Block entries above this spread; 0 = off
Show Dashboard	on	On-chart status display

Parameter	Default	Description
Dashboard Refresh Ms	100	How often the dashboard redraws
Trade Symbol	XAUUSD	The symbol all strategies trade
Allow Chart Symbol Fallback	on	Use the chart symbol if Trade Symbol is not found

Pause Trading

Switch on to wind the EA down. No new positions open, existing ones are managed normally until they close. Use it before maintenance, an account migration or a planned break.

The switch reads the way it behaves: on means paused. While it is on, the dashboard shows PAUSED in its title bar so the state cannot be missed.

Magic Base and Slippage Points

Magic Base identifies the EA's own positions. Each strategy uses the base number plus its index, so this portfolio occupies the range 994000 to 994010. Change it only if you run a second copy of the same EA on the same account.

Slippage Points is the maximum price deviation accepted when an order is sent. Too tight a value causes rejected orders in fast markets; the default is a reasonable compromise for Gold.

Trade Symbol and Chart Symbol Fallback

Trade Symbol is the instrument all strategies trade. Brokers name Gold differently — XAUUSD, XAUUSD.r, GOLD — so if your broker uses a suffix, enter the exact name here.

Chart Symbol Fallback decides what happens if that name does not exist at your broker. When on, the EA falls back to the symbol of the chart it is attached to and writes a warning to the journal. When off, it refuses to start. Off is the safer setting: a wrong symbol name then fails loudly instead of quietly trading something else.

Max Spread Points

Gold spreads widen around the daily rollover and at the start of the New York session. This filter blocks entries when the spread is too wide. Exits are never blocked — a stop must always be able to trigger.

In a backtest this filter only works with real tick data. With modelled or fixed spreads it either never triggers or always does.

Dashboard

The on-chart panel shows the state of all strategies at a glance.

Column	Meaning
Strategy	Which of the eleven, e.g. S0: M5 Fixed TP
Dir	Long, short, flat, or a countdown if the strategy is waiting

Column	Meaning
Entry	Entry price of the open position
R	Current profit or loss in risk units
PnL	Current profit or loss in account currency
Trail	State of the stop: not armed, armed, at break-even, or the profit already locked in
Lot	The lot size the next entry would use
Sig	The current signal, the trend direction, and which entry filters pass
TW	Trading window: open, outside hours, or closed

The title bar shows the active portfolio mode and the current daily loss against your Max Daily Drawdown limit. The section at the bottom shows per-strategy statistics — trades, win rate, profit factor and drawdown — which survive a restart of the terminal.

Changelog

Version 1.66

- **Two additional strategies** — the portfolio now runs eleven, with the two newcomers among the highest hit rates of the set.
- **Portfolio mode** — choose between the full set, a low-drawdown selection, or picking strategies yourself.
- **Trend decay filter** — entries now also require the trend to still be widening, not merely wide. This cut the drawdown substantially in testing.
- **Portfolio loss streak brake** — optional emergency pause after a set number of consecutive losses across all strategies.
- **Pause trading** — replaces the previous enable switch and now reads the way it behaves.
- **Trailing take profit** — optional; tightens the profit target as a trade moves against you, instead of closing it outright.
- **Break-even stop retry** — a rejected break-even move is now retried until the broker accepts it, instead of being silently dropped.
- **Robustness** — order handling reworked so that no order can be sent against a position that has already closed.

Version 1.0

- Initial release with nine strategies, session filters, prop firm suite, event filter and Christmas blocker.

Frequently Asked Questions

Which chart do I attach it to? A XAUUSD chart. The timeframe of the chart does not matter — each strategy uses its own internally. Do not attach it to a chart of a different symbol: the EA only wakes up when the chart symbol ticks, so a different chart would leave your Gold positions unmanaged over the weekend.

Which portfolio mode should I use? Start with Aggressive on a demo account and watch how the drawdown feels. If it is more than you want to sit through, switch to Defensive — you give up roughly half the return for about a third of the drawdown. Manual is for when you want to run a specific subset yourself.

Does Defensive mean less risk per trade? No. Portfolio mode only changes which strategies run. Your risk per trade is set by Risk per trade and stays the same in every mode.

Why do M5 and H1 each appear twice? S0 and S1 trade the same signals but exit differently — one takes a fixed target, the other trails. S6 and S7 share the H1 timeframe but use different entry settings. Fixed targets do well in choppy markets, trailing stops do well in long trends.

Can I run it on other instruments? No. The entry settings are optimized for Gold and built in.

How much capital do I need? €1,000 minimum. €5,000 or more is recommended so that position sizing works properly across all strategies at the default risk level.

What protects me from large losses? Every trade carries a stop loss from the moment it opens, placed on the broker's server. On top of that, the strategies hold positions for very different lengths of time, so they rarely lose together. The daily drawdown limit is available as a hard backstop.

Can I change the entry settings? No. They are optimized per strategy and compiled into the EA.

Do I need a VPS? Recommended. Your stop loss and fixed take profit sit on the broker's server and protect you even if the EA is offline. Trailing stops only work while the EA is running.

Why are several strategies in the market at once? They all trade Gold, so a strong trend can trigger several of them in the same direction. That is expected, and it is why the default risk per trade is only 0.1%.

Trading involves risk. Past performance in backtests does not guarantee future results. Test on a demo account first and never risk capital you cannot afford to lose.