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XAUUSD | METATRADER 5 | VERSION 8.0

Crystal Algo PRO

Official User Guide

A fully automated gold system with a self-adjusting engine, a protective account layer and a live panel that shows you exactly what it is doing. This guide walks you from installation to daily operation, explains **every single setting** one by one, and answers the questions buyers actually ask.

13

SETTINGS, NO GUESSWORK

3

PROTECTION LAYERS

500 USD

CENT ACCOUNT ENTRY

25

PAGES OF DOCUMENTATION

SELF-ADJUSTING ENGINE • MARGIN-AWARE EXECUTION • CRASH-SAFE STATE • LIVE CHART PANEL

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Contents

01	Introduction	What it is, what it is not, who it suits
02	Requirements and Setup	Account, broker, leverage, VPS
03	Installation and First Run	From purchase to first chart in five minutes
04	Reading the Dashboard	Every row on the panel decoded
05	On-Chart Elements	Labels, lines, notices and the recovery panel
06	Settings: Basic	Magic number, comment, mode, display switches
07	Settings: Position Management	Sizing method, base lot, equity lot, multiplier
08	Settings: Targets	Portfolio objective and bias-change objective
09	Recommended Presets	Conservative, Balanced, Aggressive
10	Cent Accounts	Running the full setup from a smaller deposit
11	Account Protection	Capital notice, margin guards, capped state
12	Backtesting Correctly	Settings that make the test meaningful
13	Daily Operation	What to check, what to leave alone
14	Troubleshooting	Symptom, cause, fix
15	Frequently Asked Questions	Thirty real questions
16	Glossary	Every term used in this guide
17	Support and Version History	Channels, updates, disclaimer

IF YOU ONLY HAVE TEN MINUTES

Read **Chapter 02** so your account is set up correctly, **Chapter 03** to install, and **Chapter 09** to pick a preset. Everything else can wait until the EA has been running on demo for a week. If something looks wrong, go straight to **Chapter 14**.

BEFORE YOU START

Run this on a **demo account first**. Not for a day, for at least two weeks, across both quiet sessions and news days. No guide can substitute for watching a system behave in the market you actually trade.

Introduction

Crystal Algo PRO is a fully automated XAUUSD system for MetaTrader 5. It manages entries, exits, position sizing and account protection on its own, and reports its state on a live chart panel.

Built for one market

Gold is not a currency pair. Its daily range changes by a factor of ten between a quiet Asian session and a CPI release, and the price level itself has moved enormously over the last two years. A system tuned once on fixed numbers will look excellent for a month and then meet a market it was never set up for.

Crystal Algo PRO was built and tuned on gold alone. There are no currency-pair presets, nothing to re-optimize for another instrument, and no compromise made to keep thirty symbols half-working.

13 USER SETTINGS	XAUUSD SINGLE MARKET	M1 CHART TIMEFRAME	MT5 HEDGING ACCOUNT
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What it is

- A complete automated system: it decides, executes and manages without your input
- A self-adjusting engine that responds to current market conditions rather than fixed values
- A protective layer that verifies margin and broker limits before every order
- A live reporting panel so you always know what the system is doing

What it is not

- Not a multi-symbol EA. It runs on gold and displays an advisory anywhere else
- Not a signal tool. It trades; it does not ask you to confirm entries
- Not a set of strategy dials. The parameters that decide how it trades are set internally
- Not a guarantee. No automated system is, and this guide will not pretend otherwise

WHY SO FEW SETTINGS

Most EAs ship with forty inputs and no guidance, so buyers run the defaults and hope. Every parameter that decides *how* Crystal Algo PRO trades has been tested and locked. What remains is what you should genuinely own: identification, sizing, objective and display.

Requirements and Setup

Getting this right before you start prevents most of the problems people report later. Read the table, then the two sections underneath it.

Item	Requirement
Platform	MetaTrader 5 — build 3800 or newer
Account type	Hedging. Netting accounts are not supported
Symbol	XAUUSD only. 2-digit and 3-digit gold quotes detected automatically
Chart timeframe	M1
Recommended balance	50,000 account units — 50,000 USD standard, or 500 USD on a cent account
Recommended leverage	1:1000
Spread	Low-spread gold account; ECN or Raw strongly preferred
Connection	VPS recommended for uninterrupted operation
Currency	Any. The engine reads your account in its own units

Choosing a broker

Gold spread is the single largest external cost this system carries. A broker quoting gold at 0.15 and one quoting it at 0.45 are not running the same system, whatever the settings say. Look for a raw or ECN gold account, 1:1000 leverage availability, and no restriction on hedging.

Recommended broker: <https://vigco.co/la-com-inv/3j5LdsKA>

Why a VPS matters here

The EA manages open positions continuously. A laptop that sleeps, a home connection that drops for ten minutes, or a Windows update that reboots at 3am all leave positions unmanaged until the terminal comes back. A VPS removes that entire class of problem for a few dollars a month.

Choose a VPS located near your broker's server. Latency to the broker matters far more than raw CPU. 2 GB RAM is comfortable for a handful of charts.

Recommended VPS: <https://my.hyonix.com/aff.php?aff=6417>

KEY POINT

If you can only fix one thing on this page, fix **leverage**. At 1:500 the account carries twice the margin load for the same position, and the protection layer will start declining orders far earlier than it would at 1:1000.

Installation and First Run

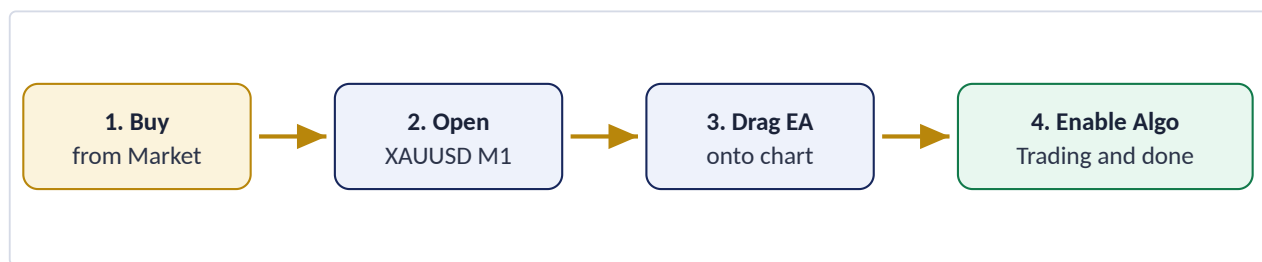


Figure 3.1 — From purchase to running, in four steps.

Step by step

#	Action	Detail
1	Purchase or rent	From the MQL5 Market, inside MetaTrader 5 or on mql5.com
2	Find it in Navigator	Navigator panel → Expert Advisors → Market
3	Open the chart	XAUUSD, M1 timeframe, on your hedging account
4	Attach the EA	Drag it onto the chart, or double-click it in Navigator
5	Allow trading	In the dialog, tick Allow Algo Trading , then OK
6	Enable globally	Toolbar Algo Trading button must be green
7	Confirm	The dashboard appears top-left and shows SCANNING

Terminal permissions

Tools → Options → Expert Advisors. Only one box matters: **Allow Algo Trading**. WebRequest and DLL imports are not used and should stay off.

What you should see

Element	Expected on a healthy start
Smiley face	Top-right of the chart, smiling. A sad face means algo trading is off
Dashboard	Top-left, status SCANNING , positions 0, volume 0.00
Capital notice	Bottom-left, only if a requirement is not met
Symbol advisory	Only if you attached it to something other than gold
Journal	Quiet. This EA does not narrate itself to the log

NOTE

Nothing happens immediately. The system waits for its own conditions before it places anything, and on a quiet session that can take hours. An idle **SCANNING** panel is normal operation, not a fault.

Removing it

Right-click the chart → Expert Advisors → Remove. All panels, lines and labels are cleaned off the chart automatically. **Removing the EA does not close open positions** — close those yourself first if that is what you intend.

Reading the Dashboard

One canvas panel, drawn at fixed pixel sizes so it looks identical on a laptop and a 4K monitor. The small button in the header collapses it to its title bar and back.



Figure 4.1 — The dashboard during normal trading.

Row	What it tells you
Floating P/L	Live result of everything currently open, in your deposit currency. Green above zero, red below
Status	The system's current state. See the table on the next page
Symbol and bias	The instrument, and the direction the engine is currently working with
Positions	Total open, then the split by side as B buy / S sell
Stop Orders	Orders placed and waiting, by side. Zero is normal much of the time
Volume	Total lots live right now, across everything the EA owns
Closed P/L	Realised result on this account, cumulative
Spacing	Whether the engine is adaptive, and its current adjustment factor
Equity Drawdown	Live percentage with a colour-coded bar
Footer	Server time and current spread, spread colour-coded by width

KEY POINT

The two rows worth glancing at daily are **Equity Drawdown** and the **spread** in the footer. A green drawdown bar and a green spread means there is nothing to think about.

Panel States and Colours

Status pill

Status	Colour	Meaning	Your action
SCANNING	Cyan	No position open; the engine is waiting for its conditions	None. This is the resting state
TRADING	Green	A normal cycle is open and being managed	None
RECOVERY	Amber	The recovery routine is active; a second panel appears	Leave it alone. Do not close trades by hand
CAPITAL HOLD	Amber	Balance is under the recommended level; no new cycle will start	Fund the account or accept reduced activity

Drawdown bar

Reading	Colour	Interpretation
Under 10%	Green	Normal working range
10% to 20%	Amber	A cycle is extended. Expected from time to time
Over 20%	Red	Deep in a sequence. Review your sizing after it resolves

Spread indicator

Spread	Colour	What it means for you
Up to 0.35	Green	Normal gold conditions
0.36 to 0.80	Amber	Widening. Session change or approaching news
Above 0.80	Red	News, rollover or a poor broker feed. Execution costs are elevated

NOTE

A persistently amber or red spread on an ordinary session is a **broker** signal, not a system signal. Compare against another broker's gold feed before assuming the market is at fault.

Spacing row

Display	Meaning
ADAPTIVE x1.00	Conditions are at the engine's baseline
ADAPTIVE x0.70	Quieter than baseline; the engine has tightened
ADAPTIVE x1.60	More volatile than baseline; the engine has widened
ZONE LOCK	A recovery sequence is running and its geometry is fixed until it completes

On-Chart Elements

Beyond the dashboard, the EA draws a small number of things directly on the chart. Each one is listed here so nothing on your screen is a mystery.

Element	Appearance	Meaning
Closed trade label	Green tick or red cross with an amount	A closure happened here. The number in brackets is how many positions were in it
Objective line	Horizontal line with a right-hand label	The price level the current sequence is working toward
Recovery panel	Centred amber panel	Appears only during recovery. Covered below
Recovery zone	Shaded band with upper and lower edges	The working range of the active recovery sequence
Capital notice	Gold-framed panel, bottom-left	A requirement is not met. Lists only the item that failed
Symbol advisory	Violet panel	The EA is attached to something other than gold

The recovery panel

When the recovery routine engages, a second panel appears in the centre of the chart. It is deliberately hard to miss.

Row	Shows
Remaining to target	How much is still needed to close the sequence at its objective
Progress bar	How far the sequence has travelled from its worst point toward the objective, as a percentage
Basket / Locked	Which stage the sequence has reached and how much has been locked in so far
Hedges / Breakouts	Counters for the current sequence
NET Exposure	Net lots and the side they lean toward
Zone	The locked upper and lower bounds of the sequence
Footer	Live P/L, and the mode the sequence is operating in

WARNING

Do not manually close individual positions while the recovery panel is on screen. The sequence is balanced as a set; removing one leg by hand leaves the remainder unbalanced and the EA cannot repair a book you have edited underneath it.

Turning the drawings off

Every element above can be switched off with the display settings in Chapter 06. Turning off the visuals has **no effect whatsoever** on how the system trades — it only stops it drawing.

Settings: Basic

Seven inputs. None of them change the strategy; they identify the EA and control what it draws.

Setting	Default	What it does
Magic Number	7850	The EA's identity tag on its orders
Order Comment	Crystal Algo v8.0	Text attached to each order
Strategy Type	Momentum	Which of the two operating modes to run
Show Dashboard	true	Draw the main panel
Show Balance Warning	true	Draw the capital requirement notice
Show Recovery Panel & Zones	true	Draw the recovery panel and its zone
Mobile Push Alerts	false	Send notifications to the MetaTrader mobile app

Magic Number

Every order the EA places carries this number, and it uses it to recognise its own positions. Its one real job is separation.

Situation	What to set	Why
Single chart	Leave at 7850	Nothing to separate
Two charts, same EA	7850 and 7860	Each instance must only see its own trades
Running another EA too	Any unused number	Two EAs sharing a magic number will manage each other's positions
Manual trading alongside	Leave as is	Manual trades have magic 0 and are ignored

KEY POINT

The recovery book takes its identity from this number automatically, so you never set it separately. Change the magic number and everything follows.

Order Comment

Cosmetic. It appears in the Trade tab and in your statement, which makes filtering a history export far easier. Keep it under 20 characters — some brokers truncate longer comments.

Operating Mode and Display

Strategy Type

The single setting on this page that changes behaviour. Two modes, one choice.

Mode	Character	Suits
Momentum	Works with the prevailing direction rather than against it	Trending gold conditions. The default and the recommended starting point
Contrarian	Works against short-term extension	Rotational, range-bound conditions

NOTE

Do not switch modes with positions open. Finish the cycle, wait for **SCANNING**, then change it. Switching mid-sequence gives the engine a bias it did not open with.

Show Dashboard

Value	Effect	When to use
true	Panel drawn and updated	Default. Always, on a chart you look at
false	No panel; trading unchanged	Running many charts on a small VPS screen, or recording a clean chart

The panel is already suppressed automatically in non-visual backtests, so you do not need to switch it off for optimisation runs.

Show Balance Warning

Value	Effect	When to use
true	Notice appears when a requirement is not met	Default. Leave it on
false	Notice suppressed; the requirement still applies	Only when you already know and want a clean chart for a screenshot

WARNING

Switching this off hides the message, not the condition. On a live account below the recommended balance the EA will still decline to start new cycles — you will simply have removed the explanation for why.

Show Recovery Panel & Zones

Value	Effect	When to use
true	Recovery panel, zone band and objective line drawn	Default. Strongly recommended
false	All recovery drawings suppressed	Screenshots, or a very cramped screen

This is the visibility of the most important state the system can be in. Leave it on.

Mobile Push Alerts

When enabled, the EA sends a push notification to the MetaTrader mobile app if it reaches a state you should know about — for example when broker volume limits prevent it from sizing a recovery step as intended.

Value	Effect	When to use
false	No push notifications; on-chart warnings still appear	Default. Suits anyone watching the chart or a VPS
true	Push sent to your phone for notable states	You run on a VPS and do not watch the chart

Setting it up

#	Where	Action
1	Mobile app	Install MetaTrader 5 on your phone
2	Mobile app	Settings → Chat and Messages → copy your MetaQuotes ID
3	Desktop terminal	Tools → Options → Notifications
4	Desktop terminal	Tick Enable Push Notifications and paste the ID
5	Desktop terminal	Press Test . Your phone must buzz before you go further
6	EA inputs	Set Mobile Push Alerts to true

WARNING — READ THIS BEFORE REPORTING A BUG

The Strategy Tester never delivers notifications of any kind. Not push, not email, not sound. This is MetaTrader behaviour and applies to every EA on the platform, not just this one. Testing alerts requires a live or demo chart.

NOTE

If the terminal's own **Test** button does not reach your phone, the EA cannot either. Fix the terminal configuration first; the EA has no separate notification channel.

What triggers a notification

Event	Why you would want to know
Volume ceiling reached	Broker limits prevented a sizing step; the panel shows a capped state

The EA does not notify on ordinary entries and exits. Push alerts that fire on every trade stop being read within a week, so they are reserved for states that may need you.

Settings: Position Management

Four inputs, and the most consequential page in this guide. Everything here scales your risk directly.

Setting	Default	What it does
Lot Size Method	Fixed Lot	Whether sizing is a constant or scales with equity
Base Lot Size	0.02	The starting lot when using Fixed Lot
Lot Size per \$10000 Equity	0.01	The starting lot per 10,000 equity when using Equity Based
Lot Size Multiplier	1.15	How much each further position in a cycle grows

Lot Size Method

Value	Effect	When to use it
Fixed Lot	Every cycle starts from Base Lot Size , whatever the account is worth	Default. Predictable, easy to reason about, and what you want while you are still evaluating
Equity Based	The starting lot is derived from live equity using Lot Size per \$10000 Equity	Once you are running live and want exposure to grow and shrink with the account

NOTE

Only one of the two lot inputs is in use at a time. Setting **Base Lot Size** while the method is Equity Based changes nothing, and is the most common "my setting did nothing" report.

Base Lot Size

Used only when Lot Size Method is Fixed Lot. This is the single strongest risk control you have.

Value	Effect	Suits
0.01	Minimum exposure; the gentlest possible run	First live month, or an account under the recommended balance
0.02	Default. Balanced for the recommended 50,000 setup	Most users. Start here and do not move it for a month
0.05	Roughly 2.5x the default exposure through the whole cycle	Well-funded accounts, after a full demo period
0.10 and above	Every stage of every cycle scales with it, including recovery	Only with capital well beyond the recommended minimum

WARNING

Raising this does not raise risk in a straight line. Later positions in a cycle are multiples of the base lot, so doubling the base more than doubles the exposure the account must carry at the deepest point of a sequence. Raise it in small steps and watch a full cycle each time.

Equity Sizing and the Multiplier

Lot Size per \$10000 Equity

Used only when Lot Size Method is Equity Based. The starting lot is computed from live equity, so it grows as the account grows and shrinks during a drawdown.

Value	On 50,000 equity	On 100,000 equity	Character
0.005	0.025	0.05	Very conservative
0.01	0.05	0.10	Default. Balanced
0.02	0.10	0.20	Aggressive
0.03	0.15	0.30	Only with deep capital

KEY POINT

Equity sizing is self-correcting in the direction that matters. After a losing period equity is lower, so the next cycle starts smaller. Fixed sizing keeps the same exposure into a weaker account — which is precisely why it is the safer place to *start* but the weaker place to stay.

Lot Size Multiplier

How much each additional position within a cycle grows relative to the one before it. This is the steepest lever in the entire settings list.

Value	Effect on a cycle	Verdict
1.00	Every position the same size. Flat exposure	Safest, but the cycle needs a larger move to resolve
1.15	Default. Gentle growth through the cycle	Recommended. Tested. Leave it here
1.30	Noticeably steeper. Deep stages carry much more	Only with capital well above the minimum
1.50 and above	Exposure compounds sharply at the exact moment the account is weakest	Not recommended at any account size

WARNING — THE SETTING THAT ENDS ACCOUNTS

Of everything on this page, this is the one that turns a recoverable drawdown into a margin call. The growth is compound: a change from 1.15 to 1.50 does not make deep stages 30% larger, it makes them several times larger. **If you are unsure, do not touch it.**

Interaction with account protection

The protection layer verifies free margin and projected margin level before every order. Raise the base lot or the multiplier far enough and the EA will begin declining its own orders — a capped state on the panel rather than a stop out. That is the system protecting you, and it is also a clear message that the sizing is too large for the account.

Settings: Targets

Two inputs, both expressed in your deposit currency. On a cent account they are in cents, and scale with everything else automatically.

Setting	Default	What it does
Portfolio Target (\$)	10.0	The profit at which a complete cycle is closed
Trend Change Close (\$)	5.0	A smaller objective used when the engine's bias changes

Portfolio Target

When everything the EA holds reaches this figure in profit, the whole set is closed and the cycle resets. It is an absolute currency amount, not a percentage.

Value	Effect	Suits
5.0	Closes sooner, more cycles, each smaller	Small accounts, or anyone wanting frequent resets
10.0	Default. Balanced against the default sizing	Most users on the recommended setup
25.0	Holds longer for a larger result per cycle	Larger accounts, or larger base lots
50.0 and above	Cycles run much longer and sit open through more of the market	Only with capital well beyond the minimum

KEY POINT

Scale this with your lot size, not with your ambition. A 10 objective on 0.02 lots and a 10 objective on 0.20 lots are completely different instructions — the second asks the market for a tenth of the distance, and will close almost immediately. As a rough guide, if you multiply the base lot by four, multiply this by four as well.

Trend Change Close

When the engine's directional bias flips while positions are open, it does not need the full objective to justify stepping aside. This smaller figure lets it close on the bias change instead of holding into a turn.

Value	Effect	Suits
0.0	Feature effectively off; only the full objective closes a cycle	Not recommended — it removes a useful exit
5.0	Default. Steps aside on a bias change once modestly ahead	Most users
Half the Portfolio Target	The relationship the defaults express (5 of 10)	The rule to follow when you change the main target
Equal to Portfolio Target	No early exit; behaves as if the feature were off	Rarely useful

NOTE

Keep this **below** the Portfolio Target. Setting it higher does nothing, because the full objective will always be reached first.

Recommended Presets

Three complete configurations. Every value not listed stays at its default. Pick the row that matches your account and your temperament, not the one with the biggest numbers.

Conservative

For a first live month, or an account at or slightly below the recommended balance.

Setting	Value	Reason
Lot Size Method	Fixed Lot	Predictable while you learn the system's rhythm
Base Lot Size	0.01	Minimum exposure at every stage of a cycle
Lot Size Multiplier	1.15	Default. No reason to alter it
Portfolio Target	5.0	Matched to the halved lot size
Trend Change Close	2.5	Half the objective, as the rule says
Strategy Type	Momentum	Default mode

Balanced — the shipped defaults

For the recommended 50,000 setup at 1:1000. This is what the system was tuned around.

Setting	Value	Reason
Lot Size Method	Fixed Lot	Default
Base Lot Size	0.02	The tested baseline
Lot Size Multiplier	1.15	The tested baseline
Portfolio Target	10.0	Matched to the baseline sizing
Trend Change Close	5.0	Half the objective
Strategy Type	Momentum	Default mode

Aggressive

Only for accounts well beyond the recommended minimum, and only after a full demo period.

Setting	Value	Reason
Lot Size Method	Equity Based	Exposure tracks the account both ways
Lot per 10,000 Equity	0.015	Above baseline without being reckless
Lot Size Multiplier	1.15	Still unchanged. Scale the base, never the multiplier
Portfolio Target	25.0	Scaled with the larger sizing
Trend Change Close	12.5	Half the objective

KEY POINT

Notice what does not change across all three presets: **the multiplier**. Scale a preset by moving the base lot and the objective together. That is the safe axis.

Cent Accounts

Crystal Algo PRO reads balance, objectives and sizing in whatever units your account uses. On a cent account every one of those values scales together, so the full recommended configuration runs on a much smaller real deposit. **Nothing in the settings needs to change.**

Real deposit	Cent account shows	Verdict
100 USD	10,000 cents	Below the recommended level
250 USD	25,000 cents	Below the recommended level
500 USD	50,000 cents	Meets the recommended balance
1,000 USD	100,000 cents	Comfortable headroom
2,000 USD	200,000 cents	Recommended for full depth
5,000 USD	500,000 cents	Deep capital relative to the defaults

In short: 1,000 USD equals 100,000 cents, and the recommended 50,000 balance equals a **500 USD deposit** on a cent account.

What changes and what does not

Item	On a cent account
Balance shown	100 times the real deposit
Portfolio Target 10.0	10 cents, which is 0.10 USD of real money
Base Lot Size 0.02	Unchanged as a number; the contract behind it is 1/100 the size
Recommended balance	50,000 cents, which is 500 USD
Leverage requirement	Unchanged. 1:1000 is still recommended
Settings to adjust	None

Before you open one

- Confirm the broker offers **gold** on the cent account — many offer forex only
- Check the symbol name. Cent brokers often use **XAUUSDc**, **XAUUSD.c** or similar
- Confirm the account is **hedging**, not netting
- Confirm 1:1000 leverage is available on that account type

NOTE

Cent account spreads are frequently wider than the same broker's standard account. Compare before committing — on gold, spread is the largest external cost this system carries.

KEY POINT

A cent account is the honest way to run this live with small capital. The alternative — a standard account below the recommended balance — means the EA will keep declining to start new cycles, and you will be paying for a system you are stopping from working.

Account Protection

Three independent layers sit between the strategy and your balance. They cannot be switched off, and understanding them prevents most "why did it not trade" questions.

1. Capital requirement

The EA checks your balance and leverage against the recommended setup.

Situation	Behaviour
Balance at or above 50,000 units	Normal operation
Balance below, live account	No new cycle starts. Open positions and any active recovery continue to be managed normally
Balance below, Strategy Tester	Notice appears, testing continues so you can evaluate on any balance
Leverage below 1:1000	Advisory only. Trading continues

The notice lists only the requirement that failed. If your balance is fine but leverage is 1:500, you will see one line about leverage and nothing about balance.

2. Margin verification

Before every order the EA calculates the margin that order would consume and compares it against free margin with a safety buffer, then checks the margin level the account would be left with. If either check fails, the order is not sent.

Check	Purpose
Free margin with buffer	Absorbs price movement between the decision and the fill
Projected margin level	Keeps the account clear of a stop out even after the order is live
Broker volume limits	Respects minimum, maximum and total volume rules per symbol
Waiting order review	An order already placed is withdrawn if the account can no longer carry it

3. Capped state

If broker volume limits prevent the engine from sizing a recovery step as intended, the recovery panel shows **CAPPED** in red and an alert is raised. The sequence continues with what the broker allows.

WARNING

A capped state is not cosmetic. It means the account or the broker cannot support the sizing you configured. When the cycle resolves, **reduce the base lot** before running another.

Crash safety

The EA writes its state to disk and, on every start, reconciles that file against the positions actually open. If the account is flat the file is discarded and it starts clean; if positions exist, the context is restored. Terminal restarts, recompiles and power cuts are handled without your involvement.

Backtesting Correctly

Most disappointing backtests are configuration problems, not system problems. These settings make the test mean something.

Tester setting	Use	Why
Symbol	XAUUSD	The only market this is built for
Period	M1	The EA's working timeframe
Modelling	Every tick based on real ticks	The only mode that reflects real execution. Control points are meaningless here
Deposit	50,000	Match the recommended setup or the results describe a different system
Leverage	1:1000	Lower leverage changes what the protection layer allows
Date range	6 to 12 months minimum	Must include quiet periods and high-volatility periods
Forward testing	Optional but recommended	Separates tuned behaviour from genuine behaviour

Reading the result honestly

Metric	What to look at
Balance vs equity curve	The gap between them is the depth the account actually carried
Maximum equity drawdown	More informative than profit. Ask whether you could hold through it
Longest losing sequence	Ask the same question again, in days
Number of cycles	A handful of cycles is not a sample. Test a longer range

WARNING

Tick data quality varies enormously between brokers. A backtest on a broker with sparse gold history will look nothing like the same period on a broker with complete data. Check the modelling quality figure in the report before drawing any conclusion from it.

NOTE

Notifications never fire in the Strategy Tester — MetaTrader does not deliver them there. The dashboard is also suppressed in non-visual runs for speed. Use **visual mode** if you want to watch the panel behave.

KEY POINT

Backtest the preset you intend to run, not the one that produced the prettiest curve. A configuration you would abandon after two bad weeks is not a configuration you own.

Daily Operation

This system is designed to be left alone. The list below is deliberately short, because a daily routine that takes twenty minutes is a routine nobody keeps.

The thirty-second check

Look at	Healthy	Act if
Algo Trading button	Green	It is not green
Smiley face	Smiling	It is sad — the EA is not permitted to trade
Status pill	SCANNING or TRADING	CAPITAL HOLD appears unexpectedly
Drawdown bar	Green or amber	Red, and staying red across several days
Spread in footer	Green most of the session	Amber or red during ordinary hours
Recovery panel	Absent	Present for an unusually long time — note it, do not intervene

Things not to do

- **Do not close individual positions by hand** while a cycle or recovery is running
- Do not change settings with positions open — wait for SCANNING
- Do not remove and re-attach the EA to "reset" it; it will simply reconcile and carry on
- Do not run a second instance on the same symbol with the same magic number
- Do not judge the system on a single cycle, in either direction

Safe to do any time

- Collapse or expand the dashboard
- Switch chart timeframes to look around — the EA keeps working on its own
- Toggle any of the display settings
- Close the terminal, provided you accept positions are unmanaged until it returns

Weekend and rollover

The EA checks the symbol's trading sessions and will not attempt orders while the market is closed or during the daily gold rollover break. Spread widens sharply around rollover on most brokers; the footer will show it in amber or red, and that is expected.

KEY POINT

The single best habit is to record your equity once a week. A monthly equity series tells you more about whether your configuration suits you than staring at the panel every day ever will.

Troubleshooting

The EA is not trading

Symptom	Likely cause	Fix
Sad face on the chart	Algo trading disabled	Toolbar Algo Trading button, and re-attach with the permission ticked
CAPITAL HOLD on the panel	Balance below the recommended level on a live account	Fund the account, or use a cent account (Chapter 10)
SCANNING for hours	Conditions have not occurred	Nothing. This is normal on quiet sessions
Symbol advisory showing	Not attached to gold	Move it to an XAUUSD M1 chart
Nothing at all on the chart	Display settings off, or the EA did not load	Check the Experts tab and the display inputs

Orders and execution

Symptom	Likely cause	Fix
Orders declined quietly	Margin verification refused them	Reduce the base lot, or increase leverage to 1:1000
CAPPED in the recovery panel	Broker volume ceiling reached	Let the cycle finish, then lower the base lot
Waiting order disappeared	The account could no longer carry it, so it was withdrawn	Nothing. This is the protection layer working
Requotes or slippage	Broker conditions, usually around news	Compare brokers. Gold execution quality varies enormously

Display

Symptom	Likely cause	Fix
Panel off the screen edge	Very small chart window	Enlarge the window; the panel repositions itself
Panel will not collapse	Chart mouse events unavailable	Click directly on the small button in the panel header
Old labels left behind	EA removed while the terminal was closing	Right-click chart → Object List → delete, or refresh the chart
Panel absent in a backtest	Non-visual mode suppresses it for speed	Enable visual mode

Alerts

Symptom	Likely cause	Fix
No alerts in the Strategy Tester	Platform behaviour, not a fault	Test alerts on a live or demo chart
No push on the phone	MetaQuotes ID not configured	Tools → Options → Notifications, and press Test

Frequently Asked Questions

Setup and compatibility

Which symbol and timeframe?	XAUUSD on M1. Gold only.
Will it work on EURUSD or indices?	It runs without blocking and shows an advisory, but every part of it was tuned on gold. It is not what you bought it for.
Netting or hedging account?	Hedging. Netting accounts are not supported.
How much money do I need?	50,000 account units. On a standard account that is 50,000 USD; on a cent account it is a 500 USD deposit.
Can I run it with less?	On a live account it will not start new cycles below the recommended balance. A cent account is the sensible route for smaller capital.
Why 1:1000 leverage?	At lower leverage the same position consumes more margin, so the protection layer declines orders far earlier.
Does it work at 1:500?	It runs and shows an advisory, but expect fewer trades because margin is consumed faster.
Is a VPS required?	Not required, strongly recommended. Open positions are unmanaged whenever your terminal is off.
How many charts can I run?	As many as your account supports, each with a different magic number. Sizing is per chart, so total exposure is the sum.
Can I run it alongside manual trades?	Yes. Manual trades carry magic 0 and are ignored completely.
Does it use martingale?	The method is proprietary. What is documented is the Lot Size Multiplier, which controls how positions scale within a cycle, and it is yours to set.
Which indicators does it use?	The engine is not disclosed. That is deliberate and applies equally to every buyer.
Why so few settings?	Every parameter that decides how it trades has been tested and locked. Exposing them would only invite guesswork.
Can I get the source code?	No. Market products are compiled and that applies to every product on the platform.

FAQ — Daily Operation

How long before the first trade?	Anywhere from minutes to a full session. The engine waits for its own conditions; an idle panel is normal.
It has been SCANNING all day. Broken?	Almost certainly not. Confirm algo trading is on and the status is not CAPITAL HOLD, then leave it.
Can I close positions manually?	You can, but do not do it during a cycle or recovery. The set is balanced together and the EA cannot repair a book you have edited.
What if I close everything by hand?	Discard the state file or simply restart the EA. It reconciles against the live account and starts clean when flat.
Can I change settings while it trades?	Wait for SCANNING. Changing sizing or mode mid-cycle gives the engine instructions it did not open with.
What happens if my VPS restarts?	State is written to disk and reconciled on start. The EA resumes where it was.
Does it trade during news?	It does not filter news. The spread indicator in the footer is your live read on conditions.
Does it trade at rollover?	No. Session times are checked and it stands aside while the market is closed or in the rollover break.
Why did a waiting order vanish?	The account could no longer carry it, so it was withdrawn before it could fire. That is the protection layer.
What does CAPPED mean?	Broker volume limits stopped the engine sizing a step as intended. Finish the cycle, then reduce the base lot.
Drawdown bar is red. What now?	Note it and let the cycle resolve. If red is becoming routine, your base lot is too large for the account.
Can I use it on a prop firm account?	Check their rules on automated trading, hedging and holding through news first. Many prohibit at least one.

FAQ — Settings and Results

Which lot setting should I change first?	Base Lot Size, and only that one, in small steps.
Should I raise the multiplier?	No. It is the steepest lever in the product and 1.15 is the tested value. Scale the base lot instead.
How do I size the Portfolio Target?	Scale it with your lot size. Multiply the base lot by four and multiply the target by four.
Fixed or equity-based sizing?	Fixed while you evaluate, equity-based once you are comfortable and want exposure to track the account.
My lot setting did nothing.	You almost certainly changed the input belonging to the other sizing method. Only one is active at a time.
Which strategy mode is better?	Neither universally. Momentum suits trending gold and is the default; Contrarian suits rotation. Test both on the same period.
Can I optimise the settings?	You can optimise sizing and targets. The engine parameters are internal and not part of any optimisation.
Why is my backtest poor?	Usually modelling quality, a deposit that does not match the recommended setup, or a period too short to contain a full range of conditions.
Does it repaint?	No. It places real orders on live prices; there is nothing to repaint.
Will there be updates?	Yes, and they are free for existing buyers. Update through the Market tab in MetaTrader.
How do I get support?	Product comments or an MQL5 private message. Include broker, symbol name as your broker spells it, and the digits on your gold quote.
Can I get a refund?	MQL5 Market policy applies to every product on the platform. Rent a month first if you want to trial it.

KEY POINT

If your question is not here, it belongs in the product comments rather than a private message — other buyers benefit from the answer, and you will usually get one faster.

Glossary

Adaptive spacing	The engine adjusting its working distances to current market conditions rather than using fixed values.
Base lot	The starting position size of a cycle when Fixed Lot sizing is selected.
Bias	The direction the engine is currently working with, shown next to the symbol on the panel.
Cent account	An account denominated in cents. 1,000 USD deposited shows as 100,000.
Cycle	One complete sequence from the first position to the moment everything is closed and the state resets.
Capped	A state where broker volume limits prevented a step being sized as intended.
Drawdown	The gap between balance and equity, expressed as a percentage of balance.
Equity	Balance plus the floating result of everything currently open.
Free margin	Equity minus the margin already committed to open positions.
Hedging account	An MT5 account type allowing simultaneous long and short positions on one symbol. Required.
Magic number	The identifier the EA stamps on its orders so it recognises its own positions.
Margin level	Equity divided by used margin, as a percentage. Falling toward 100% approaches a stop out.
MetaQuotes ID	The identifier in the MetaTrader mobile app that lets the terminal push notifications to it.
Netting account	An MT5 account type allowing only one net position per symbol. Not supported.
Objective	The currency amount at which a cycle is closed, set by Portfolio Target.
Pip (gold)	0.01 of a dollar on XAUUSD. A move from 4,400.00 to 4,401.00 is 100 pips.
Recovery	The routine that engages when a cycle moves against the position, using a separate order book.
Rollover	The daily broker maintenance break. Spread widens sharply and the EA stands aside.
Spread	The gap between bid and ask. The largest external cost this system carries.
Stop out	Forced closure by the broker when margin level falls too far. The protection layer exists to prevent it.
Volume limit	The broker's cap on total lots per symbol, per account or per order.
Zone lock	Recovery geometry fixed for the life of a sequence so its internal maths stays consistent.

Support and Version History

Getting help

Channel	Use it for
Product comments	Setup questions, broker compatibility, anything other buyers benefit from
MQL5 private message	Account-specific issues, screenshots, logs
Product updates	MetaTrader → Toolbox → Market → Updates. Free for existing buyers

What to include in a support request

- Your broker name and the account type (standard, cent, ECN)
- The gold symbol name **exactly as your broker spells it**
- The number of digits on your gold quote (2 or 3)
- Account leverage and approximate balance
- A screenshot of the chart including the dashboard
- The Experts tab contents if something failed at startup

Those six lines resolve the large majority of reports on the first reply.

Version history

Version	Changes
8.0	Rebuilt execution layer with automatic retry. Self-adjusting engine replacing fixed values. Gold-only build. Rebuilt canvas dashboard with fixed-pixel typography. Non-blocking close routine. Margin and volume verification on every order path. Engine parameters moved internal, reducing the settings list to thirteen. Crash-safe state with startup reconciliation.
7.x	Earlier multi-symbol releases with fixed distances and an object-based panel.

Recommended services

Service	Link
Broker	https://vigco.co/la-com-inv/3j5LdsKA
VPS	https://my.hyonix.com/aff.php?aff=6417

RISK DISCLAIMER

Trading foreign exchange and gold on margin carries a high level of risk and is not suitable for every investor. The high degree of leverage can work against you as well as for you. Past performance and backtest results are not indicative of future results. This product assists and automates a trading process; it does not guarantee any outcome. Only trade with capital you can afford to lose, test thoroughly on a demo account first, and apply risk management appropriate to your own circumstances.

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