

TO THE MOON

MOONDOG / VERSION 4.18

The complete user guide.

Set it up. Understand it. Stay in control.



MoonDog EA

V4

ONE CHART. FIVE MODULES. YOUR SETTINGS.

A clear guide to every input, the ONNX choices,
MoonLock, execution quality and the new chart controls.

English edition | 13 September 2026

Read the first-week checklist before increasing your lot size.

Find what you need

IMPORTANT - THIS IS NOT A HOLY GRAIL SYSTEM

Use proper money management and give the system enough time before evaluating its performance. Losses and drawdown are normal. No filter, ONNX model or protection mode can guarantee future profit.

Read the practical guide first. Use the input reference whenever you want to change a setting. The section numbers in the reference match the Inputs tab.

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Your Inputs tab, explained.

The same section numbers appear in MT5. Every field has its compiled default, plain-English meaning and exact set-file key.

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01 / FIRST WEEK

Start small. Learn your broker.

You do not need a large position to learn whether MoonDog is working as expected. Begin with the minimum practical lot on your broker for at least one week. If there have only been a few trades, give the test more time.

A sensible starting point

The compiled AUTO profile uses fixed 0.01 lot on live/demo charts and 2% planned risk per order in Strategy Tester. Conservative 2x ONNX, adaptive sizing off and all five modules are the defaults. 0.01 is not automatically safe for every balance or broker contract. Check the possible loss before using it.

When	What to check
Before starting	Use a demo first to check installation and controls. Read the symbol specification, volume minimum and account currency. Check that the initial SL and TP appear.
First week at minimum lot	Leave the same configuration running. Record slippage, rejected requests, spreads and any disconnections. Do not increase risk after one good day.
After a useful sample	Review the Slippage panel and the actual journal together. A handful of trades cannot establish a reliable profit expectation or a broker ranking.
Only then	Choose a lot or risk level that you could live with through a losing run. Increase cautiously, if at all. Keep a maximum percentage-risk lot cap if you need one.

Losses and drawdown will happen. No setting removes that. The aim is to use a repeatable process with money management you can tolerate, not to recover a loss by going all in. There will be other trading days.

Backtests, model scores and screenshots are not promises of future profit. A tight SL can still fill worse than its requested price.

02 / QUICK START

Install it once. Set it up carefully.

1. Use the correct EA file

Install the supplied compiled EX5 in MT5, or install your purchased release from the Market. Do not mix the main source with includes from a different build. The EX5 already contains the two ONNX models and dashboard art.

2. Open one gold chart

Use your broker's XAUUSD symbol, including its suffix. The attached chart timeframe does not change MoonDog's internal strategy timeframes; M15 or H1 is suitable for monitoring. One MoonDog chart runs the five modules. You do not need five charts. Avoid running duplicate copies on the same account and symbol.

3. Load the matching preset

Open the EA Inputs and use Load. Check the recommended-set page after every update, but verify that the attached preset is for your release. A file offered for a different release is not automatically compatible. Custom-set users should review every changed control.

4. Check these first

Trading mode, lot size, initial SL, MoonLock, magic number, news filters and weekend hours. The compiled defaults in this guide can differ from values loaded by a preset.

5. Check permission and status

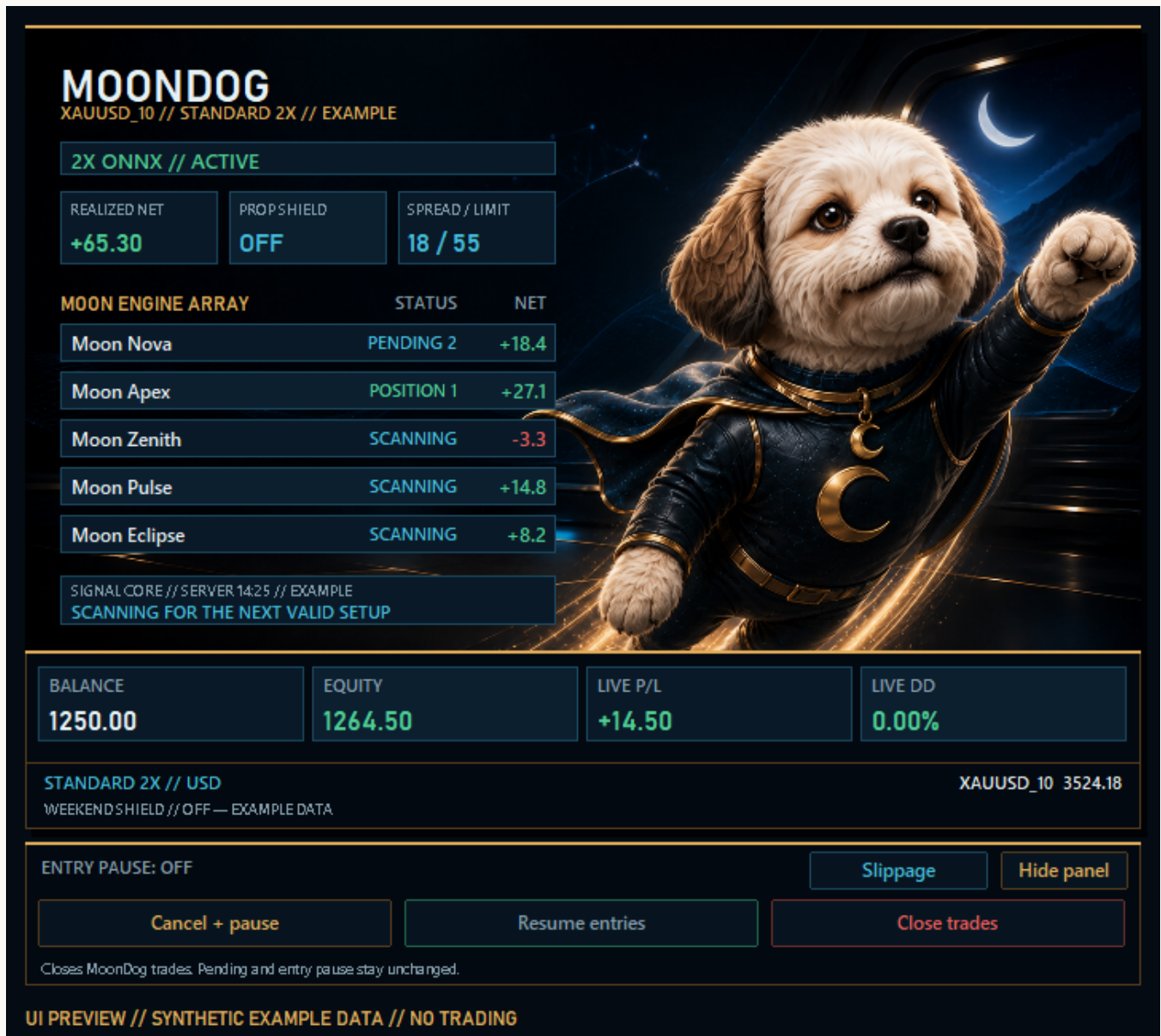
Keep Algo Trading enabled and allow the EA to trade. Check the Experts and Journal tabs for initialization errors. A running face or a visible panel alone is not proof that the terminal can send orders.

6. Leave protection running

Do not disable Algo Trading just to pause new entries. Use Cancel pending + pause. Open positions need the running EA for virtual protection; the physical SL is a separate broker-side backstop.

03 / DASHBOARD

The panel, without the clutter.



MOONDOG
XAUUSD_10 // STANDARD 2X // EXAMPLE

2X ONNX // ACTIVE

REALIZED NET +65.30	PROPSHIELD OFF	SPREAD / LIMIT 18 / 55
-------------------------------	--------------------------	----------------------------------

MOON ENGINE ARRAY	STATUS	NET
Moon Nova	PENDING 2	+18.4
Moon Apex	POSITION 1	+27.1
Moon Zenith	SCANNING	-3.3
Moon Pulse	SCANNING	+14.8
Moon Eclipse	SCANNING	+8.2

SIGNAL CORE // SERVER 14:25 // EXAMPLE
SCANNING FOR THE NEXT VALID SETUP

BALANCE 1250.00	EQUITY 1264.50	LIVE P/L +14.50	LIVE DD 0.00%
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STANDARD 2X // USD
WEEKENDSHIELD // OFF — EXAMPLE DATA

XAUUSD_10 3524.18

ENTRY PAUSE: OFF

Slippage Hide panel

Cancel + pause Resume entries Close trades

Closes MoonDog trades. Pending and entry pause stay unchanged.

UI PREVIEW // SYNTHETIC EXAMPLE DATA // NO TRADING

Native MT5 panel rendering. Figures are synthetic examples, not a trading result.

The full dashboard is hidden at startup by default to reduce presentation work. The compact controls remain available; Show panel opens the full MoonDog view. Slippage starts closed. Use **Slippage** when you want to inspect execution; close it when you want more chart space.

On a wide chart, Slippage opens beside Moon. On a smaller chart it uses its own view; Back to main returns to Moon. If a cell is shortened, hover it for the full value. Reduce Panel size or give the chart more space if necessary.

Every dashboard readout

Area	Meaning
Trading mode and status	Shows Conservative 2x ONNX, More Trades 2x ONNX or Without ONNX, and whether new entries are ready, paused or blocked. Ready means checks permit trading, not that a trade is due.
Realized net	Historical net result for the recognized MoonDog history loaded by the panel. It is not the same as current floating profit. Missing history can make a display incomplete.
Prop / daily shield	Shows the applicable optional protection status. OFF means that guard is not enabled, not that the initial SL or MoonLock is disabled.
Spread / limit	Current spread in MoonDog normalized points, compared with the internal initial-entry ceiling (200 points in this build). This is not the separate release threshold of the optional guard. It is not a pip count or the size of your SL. The illustration values are synthetic.
Module status / net	Nova, Apex, Zenith, Pulse and Eclipse can be scanning, pending or managing positions. Their historical results do not promise future returns. One chart handles all five.
Balance / equity	Balance reflects realized account activity. Equity also includes open profit/loss. These account-wide values may include other EAs and manual trading.
Live P/L / live DD	Live P/L is account equity minus balance, so other activity can affect it. Live DD is the positive percentage balance-to-equity decline, not the all-time maximum backtest drawdown.
Signal core / footer	Shows the current engine message, mode, symbol/price, server-clock or schedule information available to the renderer. Use the broker clock when setting hours.
Control strip	Commands sit below the main panel. Hiding it leaves a compact top-left strip. Trading and protection continue. Very small charts may show controls only until enlarged.

04 / MANUAL CONTROL

Three buttons. Three different jobs.

Button	What happens	What does NOT happen
Cancel pending + pause	Click again within 5 seconds to confirm. New placements pause and current-identity MoonDog pending orders are queued for removal on this symbol.	It does not close open positions. Their normal protection continues. Broker rejection can delay pending removal.
Resume entries	Releases the manual entry pause once pending cleanup has finished. Normal signal and safety checks can run again.	It does not bypass ONNX, news, weekend, trading-hours or loss-limit blocks. It does not recreate every old pending ticket instantly.
Close trades	Click again within 5 seconds to confirm. Captures recognized open MoonDog positions on this symbol and requests full closure.	It does not mean close winners only. It does not delete pending or switch the saved entry pause on/off.

Close trades includes winners AND losers

This is a deliberate close-all command for the captured MoonDog positions, not a profit-only filter. Requests run through the existing close/retry engine, not an unlimited burst. The broker can reject, delay or slip a close.

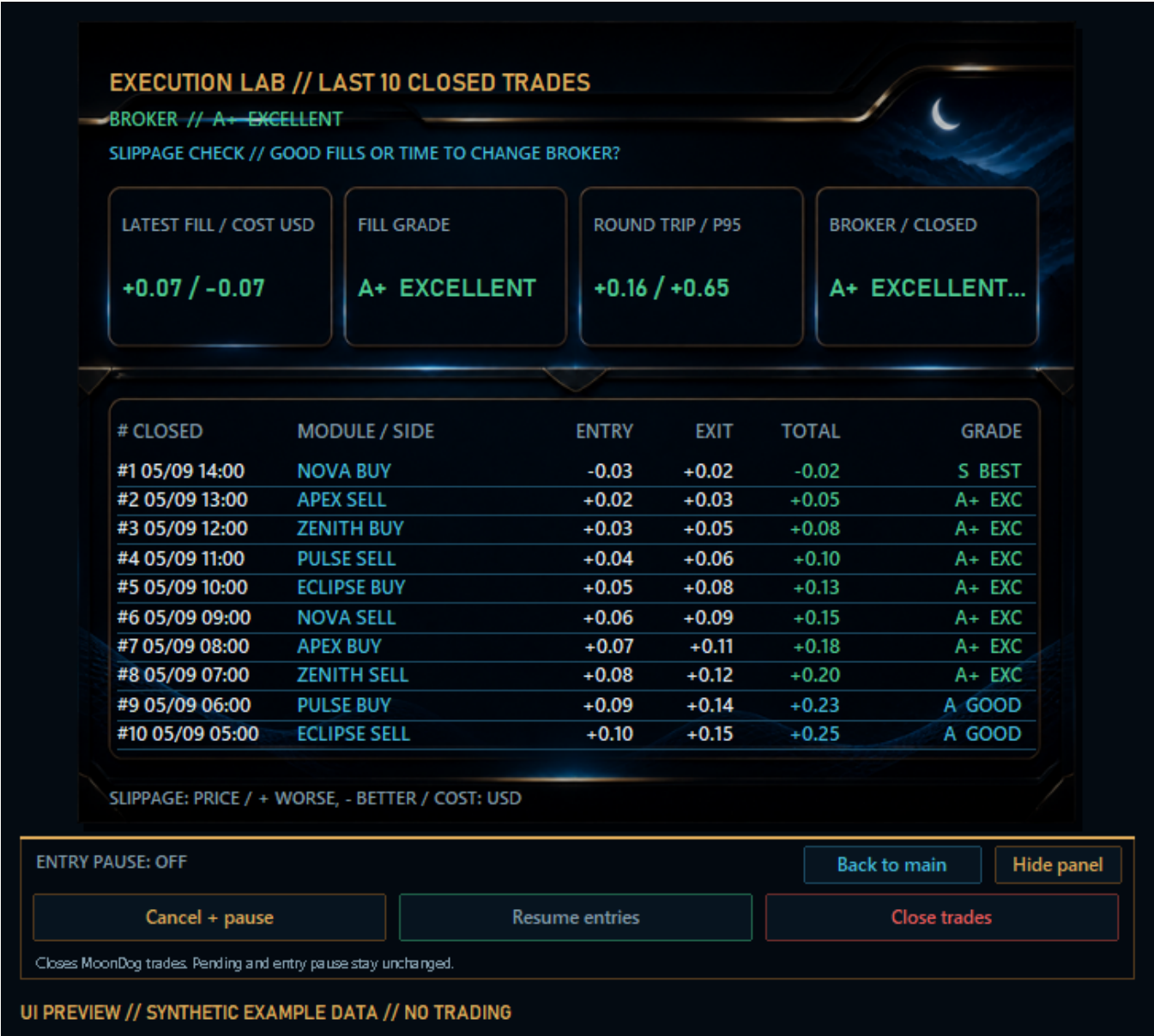
Want to stop for the day and take the current result? First confirm Cancel pending + pause. Check that pending cleanup has completed. Then confirm Close trades. Watch MT5 until the positions have actually closed. This avoids intentionally leaving pending orders ready to re-enter.

The close snapshot is limited to 64 positions. If there are more, or the snapshot cannot be prepared, the action is refused in full and a message asks you to use MT5 manually. A fresh position opening after the confirmation snapshot is not silently added.

The close command includes the current magic range and explicitly configured previous MoonDog identities only. It excludes manual magic 0 and unrelated symbols or EA identities. On netting accounts, a shared symbol can be an aggregated position: never rely on magic numbers to separate mixed strategies perfectly.

05 / EXECUTION QUALITY

Read slippage before judging the broker.



Native MT5 panel rendering. Figures are synthetic examples, not a trading result.

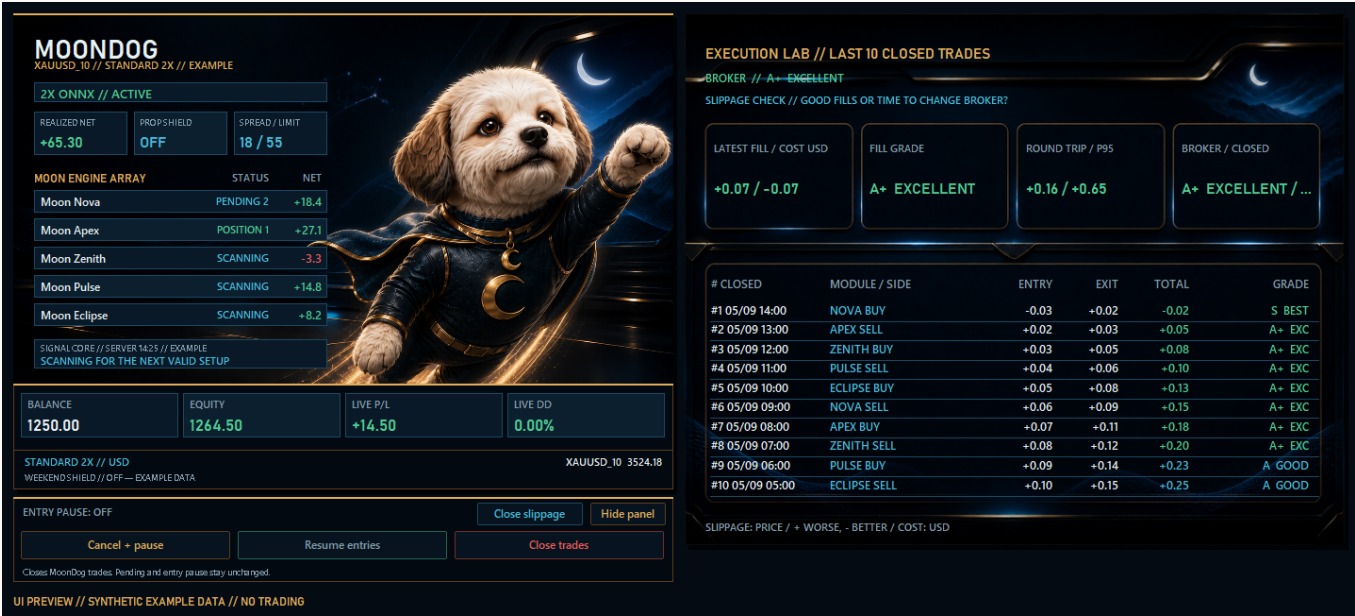
This is a local execution monitor, not a connection to someone else's MQL5 signal. Hiding the drawer does not stop measurement while the slippage feature is enabled.

The rows show closed positions, not a second trading strategy. The next page explains the entry, exit and total figures. Figures in this native rendering are examples, not measured broker performance.

What the numbers tell you

Column / figure	How to read it
Entry / Exit	Price difference against the recorded entry or exit reference. Positive is adverse; negative is favorable. Values are gold price units, not cash profit.
Total	Entry slippage plus exit slippage for that closed position. The visible list contains the latest ten closed trades.
Average / P95	Average summarizes the sample. P95 describes a high-end slippage observation, not the worst possible future fill. The overall sample can exceed ten trades.
Fill cost / grade	Estimated execution cost uses the account/contract conversion. Letter grades classify slippage thresholds, not trade profitability. A winning trade can have a poor fill.

The same drawer on a wide chart



Native MT5 panel rendering. Figures are synthetic examples, not a trading result.

The main picture and the execution view sit side by side when both fit. The controls remain under MoonDog, not in the far corner of the chart. On a smaller chart, Back to main returns from the execution view without changing the strategy.

06 / SLIPPAGE EXAMPLES

A good trade can still have a bad fill.

For a buy, paying more at entry is worse. For a sell, selling lower is worse. At exit the directions reverse. The EA expresses both directions using the same sign: positive means the reference price was better than your fill.

Example	Entry	Exit	Total
Buy order: reference 4600.00, fill 4600.20	+0.20	+0.10	+0.30
Better entry than reference	-0.05	+0.03	-0.02

In the first example, total adverse slippage is 0.30 in gold price, or 3 gold pips. For a hypothetical contract of 100 ounces per lot at 0.01 lot, that is about USD 0.30 before account-currency conversion. Your broker specification is the authority.

Grade	One-way limit	Round-trip limit
EXCELLENT	0.05	0.10
GOOD	0.15	0.30
NORMAL	0.35	0.70
POOR	0.75	1.50
BAD	Above 0.75	Above 1.50

Keep or change broker? Use the evidence.

Wait for a meaningful sample. Look for repeated adverse fills, large tails, rejected modifications or closes, wide spreads and disconnects. Compare the same market conditions and account type. Poor execution is a reason to investigate and test alternatives, not proof of misconduct.

Check the requested SL, actual deal price and journal before blaming the broker. A loss beyond a planned SL can include entry slippage, exit slippage, spread and costs. The dashboard cannot isolate every cause, and a low-slippage broker does not make a losing strategy profitable.

07 / SL, TP & MOONLOCK

How a position is protected.

The initial physical SL, TP and MoonLock are separate. The SL limits the planned price distance, TP is the farther target, and MoonLock follows a share of the best eligible profit observed by the running EA. The examples assume standard two- or three-decimal XAUUSD.

Stage	Example at 0.01 lot
Initial order	A buy at 4600.00 with 20 gold pips of SL requests an initial SL near 4598.00. A non-Apex TP of 150 pips is near 4615.00.
Activation	Default MoonLock starts after recorded position profit reaches 1 account-currency unit per 0.01 lot.
Classic 50%	Peak profit 10 gives a target near 5. A new peak of 20 raises that target near 10.
Gradual 35 to 50	The early target is 35% of peak. From a peak of 2 account-currency units per 0.01 lot, the profile uses 50%.
Reversal	When the active trigger is reached, MoonDog requests closure of the full position. One lot means closing one lot, not half.

Recommended protection mode

Virtual Only keeps the physical emergency SL and manages earned-profit protection locally. It does not wait for a broker SL modification to fail. The combined mode also attempts to move the physical SL.

MoonLock monitors position profit plus swap. Commission, price gaps, spread, slippage and broker rejection can make the realized result different from the protected target. MT5, the EA, quotes, connection and trading permission must remain active for a virtual market close.

Spike Shield – exactly what it changes

Condition	Action
Normal spread	A MoonLock crossing closes immediately.
Spread above 75 MoonDog points and crossing shallower than 20 points	The first distinct quote is deferred. A second distinct quote must still show the crossing before MoonDog requests the close.
Price recovers before confirmation	The confirmation resets and the position remains open.
Crossing reaches 20 points or more	Close is immediate even with wide spread.
Initial hard SL or physical-SL watchdog	Never delayed by Spike Shield.

On standard XAUUSD, 75 MoonDog points is about 7.5 gold pips or 0.75 in price; 20 points is about 2 gold pips or 0.20 in price. These are price distances, not account-money amounts. Two quotes can arrive almost instantly; this is not a two-second delay.

Where it works

Spike Shield applies only when MoonLock is enabled, a profile with Spike Shield is selected, and protection mode is Virtual Only. It can be combined with Classic 50% or Gradual 35 to 50%.

The filter is intended to reject a shallow, momentary crossing caused by abnormal spread. It cannot prevent entry slippage, guarantee that a recovered trade reaches TP, or eliminate every early exit. Waiting for confirmation can also give back more profit if price continues against the position.

Custom break-even and trailing

Custom BE/trailing is an alternative for users who deliberately switch MoonLock OFF. It does not run together with MoonLock. Set the activation, protected amount, trailing start, distance and step in gold pips.

Example: trailing after 40 pips, 20 pips behind

Set trailing start to 40 and distance to 20. At +40 pips the trailing stage can protect roughly +20. If the best move reaches +60, the intended trailing level rises to roughly +40, subject to the selected step, quotes, broker rules and execution.

Important: no virtual protection can bypass a broker refusal to close. Never describe the 20-pip initial SL or a MoonLock percentage as a guaranteed maximum loss or payout.

08 / FIXED, RISK & ADAPTIVE

Choose the size, not just the percentage.

Mode	Simple example
Fixed lot	0.01 requests the same volume per new order. It does not increase simply because ONNX likes a signal. Automatic fixed-lot growth is a separate switch.
Percentage risk	At balance 1000, 1% targets a risk budget of 10 per position at the initial SL. If two positions trigger, total planned exposure is not still 1%.
ONNX adaptive	With 1% base risk, qualifying entries can use 1% or 1.5%. With 2% base, they can use 2% or 3%. A cap and broker volume rounding still apply.
Automatic fixed-lot growth	Reference 1000, growth step 500, lot step 0.01: start at 0.01; at 1500 request 0.02; at 2000 request 0.03. Default cap 0.03.

Why a small risk account may place no order

If the calculated base percentage-risk lot is below the broker minimum, the EA skips the order instead of rounding it up and exceeding the requested base risk. Adaptive confidence does not bypass that minimum-size safety rule.

On a 0.01 lot step, an ideal 0.015 can round down to 0.01. So an adaptive choice may be active even when you see identical lot sizes. A higher model score is not proof that a trade will win.

The compiled default is **AUTO sizing**: live/demo charts request fixed 0.01, while Strategy Tester targets 2% planned risk per order. Adaptive remains off. The four supplied comparison SET files explicitly use fixed 0.01 so their exposure stays equal. Always check percentage, cap and simultaneous-position risk before creating a custom risk preset.

SETS / FOUR FIXED-LOT PROFILES

Compare one protection choice at a time.

File	MoonLock profile
01_RECOMMENDED_Classic_50_Shield_FIXED_001	Classic 50% with Spike Shield. Recommended comparison starting point.
02_Classic_50_No_Shield_FIXED_001	Classic 50% without Spike Shield.
03_Gradual_35_50_Shield_FIXED_001	Gradual 35 to 50% with Spike Shield.
04_Gradual_35_50_No_Shield_FIXED_001	Gradual 35 to 50% without Spike Shield.

All four supplied SET files explicitly use fixed 0.01 lot in tester and on chart. Their purpose is to compare MoonLock profiles without the AUTO tester/live exposure difference. They retain Conservative 2x ONNX, all five modules, 20 gold-pip SL, dedicated NFP/CPI/FOMC protection and Weekend Shield.

Check the Magic Number

Loading a SET can replace the identity fields. Do not change the Magic Number while old pending orders remain under another identity unless you deliberately configure management or remove those orders first.

A broker minimum above 0.01 can force a different usable volume or prevent the intended comparison. Verify the symbol contract and actual order risk before live use.

09 / WHEN ENTRIES PAUSE

News, clocks and pending orders.

Trading hours and weekend custom times use broker server time. The optional built-in major-news backup uses official UTC release times and converts them inside the EA. Keep the VPS clock synchronized.

Protection	Current V4.18 default
Dedicated NFP / CPI / FOMC	ON. Trading during all three is OFF. NFP 30/60 minutes, CPI 30/60, FOMC 60/150.
Native MT5 calendar	Runs in a separate no-trading worker and retries after bounded cooldowns. Confirmed event facts are cached locally by account, server and currency.
Built-in dated backup	ON. It supplements the native calendar without WebRequest. NFP coverage through 4 Dec 2026, CPI through 10 Dec 2026, scheduled FOMC statements through 8 Dec 2027.
General news filter	OFF. When enabled it adds high-impact and optionally medium-impact events for the selected currency.
Calendar unavailable	Default fail-open if no known window exists. Turning fail-closed on pauses NEW entries, but uncertainty alone does not authorize pending deletion.
Open positions	News and weekend entry pauses do not automatically close open positions. Existing protection continues.

During a confirmed window, MoonDog manages pending orders belonging to the current symbol and current Magic identity. The log distinguishes cancelled, filled, expired, still pending and awaiting-history states. An order disappearing is not treated as proof of cancellation.

Why two accounts can behave differently

Calendar delivery, EA build, symbol suffix, Magic identity, saved manual pause, terminal connection, trading permission and broker cancellation response can differ. V4.18 adds the official dated backup and better retry/reporting, but no EA can guarantee deletion if the terminal is offline, an order is already triggering or the broker rejects the request.

After the window, MoonDog re-evaluates the strategy, ONNX, schedule, weekend, manual pause and risk guards. It does not restore the old pending prices automatically, so pending orders may not reappear immediately.

The built-in schedule is finite and can become stale if official dates change. Experts reports its coverage. Native MT5 calendar protection continues independently after backup coverage expires.

A standard backtest does not validate live news handling

The Strategy Tester bypasses the live calendar subsystem. Real-tick historical results therefore do not prove that live NFP/CPI/FOMC pending cancellation worked. Calendar behavior is verified with dedicated tests and live logs.

OPTIONAL / SPREAD PROTECTION

A wide spread is a warning, not a fill guarantee.

This extra filter is **off in all four supplied presets**. You can test it without changing the five entry modules, SL or MoonLock. It uses regular Buy Stop and Sell Stop orders, not Stop Limit orders.

If...	Then...
The switch is off	The new spread guard takes no action. The existing initial-entry spread ceiling still applies.
Spread rises above 200 MoonDog points	With the switch on, new entries pause and MoonDog attempts to cancel its own current-identity pending stop orders.
Spread falls back to 160 points or less	After pending cleanup has finished, the guard releases its pause. News, manual pause, sessions and the normal strategy rules still have to allow entry.
A pending fills before cancellation	It becomes a position and follows the normal SL/MoonLock protection. The filter cannot undo the fill or promise a maximum loss.

Know the units

200 MoonDog points = 20 gold pips = 2.00 in gold price. Example: Bid 4600.00 and Ask 4602.10 give 210 points, above the default limit. This is the spread between quotes, not slippage between requested and executed prices.

The research used native MT5 real-tick backtests on one broker and a limited period. That does not reproduce live broker latency, rejected cancellations or news slippage, and does not establish a durable advantage. Start with minimum size and review real execution.

10 / COMPLETE REFERENCE

Every input, in the order you see it.

These are the **115 visible inputs** in this build. Defaults below are compiled defaults, before loading a preset. A small set-file key is printed under each item to help support identify it; you do not need to memorize it.

True, false and zero

True enables a switch; false disables that switch. It does not necessarily disable every related feature. Zero can mean automatic, off or no cap depending on the field: use the explanation for that exact input.

Recommended set link [check after every update]

Default: Official set-file page (click the link below)

Open the official SET-file page and check the release name before loading a preset. A preset changes inputs; it does not install an EA update. Review compatibility after every update.

mql5.com/en/blogs/post/774178

Set-file key: RecommendedSetLink

01 | CHOOSE TRADING MODE

AI profile: Conservative [default] / More Trades / Without ONNX

Default: 2x ONNX Conservative: H1 pending recheck [default]

Choose Conservative 2x ONNX, More Trades 2x ONNX, or the base five-module engine without ONNX. Conservative rechecks eligible pending entries on H1 and normally filters more trades. More Trades does not use that H1 recheck. ONNX can reject entries; it cannot guarantee a win.

Available choices: Without ONNX: base strategies, no AI filter; 2x ONNX Conservative: H1 pending recheck [default]; 2x ONNX More Trades: no H1 pending recheck.

Set-file key: AiTradingMode

02 | LOT SIZE & RISK

Sizing: AUTO=BT 2% / live fixed; select another mode to override

Default: AUTO: tester 2% / live fixed lot [default 0.01]

AUTO behaves differently by environment: on live and demo charts it uses the fixed-lot value, default 0.01; in Strategy Tester it targets 2% planned risk per order. Choose Fixed Lot or Custom Risk explicitly when you need identical exposure in tester and live.

Available choices: Fixed lot size; Risk 1% of balance per trade; Risk 2% of balance per trade; Custom risk percentage per trade; Growth: 1% risk, minimum 0.01 lot; AUTO: tester 2% / live fixed lot [default 0.01].

Set-file key: MoonSizing

Fixed lot [FIXED mode, or AUTO on live/demo charts]**Default:** 0.01

Used in Fixed Lot mode and by AUTO on live/demo charts. Default 0.01. Broker minimum, volume step, maximum and available margin still apply. It is not automatically safe for every balance or contract specification.

Set-file key: MoonFixedLot

Risk per trade [%; CUSTOM RISK mode only]**Default:** 2.0

Used only in Custom Risk mode. It targets this percentage of current balance per position at the initial SL before commissions, gaps and slippage. Multiple modules can be exposed at the same time, so combined account risk can be higher.

Set-file key: MoonCustomRiskPercent

Maximum lot for % risk [0 = no cap]**Default:** 0.0

Optional cap for percentage-risk sizing, including adaptive sizing. Zero means no cap. It does not cap an explicitly selected fixed lot or the separate fixed-lot growth feature.

Set-file key: MaximumRiskLot

Adaptive sizing [manual % risk + ONNX; not AUTO, Growth or fixed]**Default:** Normal lot size

Available only with manual percentage risk and ONNX. Eligible higher-score entries can use 1.5 times the selected base risk. It does not affect Fixed Lot, AUTO or Growth modes, and model scores are not guaranteed win probabilities.

Available choices: Normal lot size; Base risk or 1.5x risk [ONNX + % risk only].

Set-file key: AdaptivePositionSize

03 | STOP LOSS & PROFIT PROTECTION

Initial stop loss [gold pips; new orders]**Default:** 20.0

Initial physical SL for new orders. On standard two- or three-decimal XAUUSD, 20 gold pips is a 2.00 price distance. It is not a guaranteed cash loss: lot size, contract values, commission, gaps and slippage matter. It does not widen existing positions automatically.

Set-file key: MoonStopLossPips

How to protect open-trade profit

Default: Fixed safety SL + virtual protection [recommended]

Recommended Virtual Only keeps the original physical safety SL and manages earned-profit protection locally. The combined mode may also move the broker SL. Virtual protection requires the EA, terminal, quotes, connection and trading permission to remain active.

Available choices: Broker trailing only; MoonLock is a separate switch; Moving broker SL + virtual profit protection; Fixed safety SL + virtual protection [recommended].

Set-file key: MoonProtectionMode

Remember virtual protection after restart

Default: true

Stores recognized virtual protection levels locally and reloads them after a restart. Keep true. Saved state does not manage a position while MT5 is offline and is not automatically transferred to another terminal or VPS.

Set-file key: PersistVirtualTrailing

Enable MoonLock profit protection

Default: true

Tracks the best eligible profit after activation and requests a full market close when the active MoonLock threshold is crossed. It never closes only half the lot and does not open recovery positions.

Set-file key: MoonLockEnabled

Start MoonLock at profit per 0.01 lot [account money]

Default: 1.0

Activation threshold in account currency per 0.01 lot. Default 1.00 means 1 currency unit at 0.01 lot, 10 at 0.10 lot and 100 at 1.00 lot. This is not necessarily USD on every account.

Set-file key: MoonLockStartPer001

Choose Classic / Gradual, with or without Spike Shield

Default: Classic 50% + Spike Shield [default]

One menu selects Classic or Gradual MoonLock, each with or without Spike Shield. Default is Classic 50% with Spike Shield. The filter only confirms shallow virtual crossings during abnormally wide spread; it does not delay a deep crossing or the hard safety SL.

Available choices: Classic 50%: immediate MoonLock [no Spike Shield]; Classic 50% + Spike Shield [default]; Gradual 35% -> 50% [no Spike Shield]; Gradual 35% -> 50% + Spike Shield.

Set-file key: MoonLockProfile

Classic profiles: share of peak profit to protect [%; default 50]**Default:** 50.0

Used by Classic profiles. Default 50 protects a target equal to half of the recorded eligible peak. A peak of 10 sets a target near 5; a peak of 20 raises it near 10. The trigger is not a guaranteed fill price.

Set-file key: MoonLockPercent

04 | CUSTOM BE & TRAILING [MOONLOCK OFF]

Use my BE and trailing when MoonLock is OFF**Default:** false

Used only when MoonLock is OFF. Enables your own break-even and trailing rules. Turning MoonLock off removes its peak-profit logic; confirm every distance before live use.

Set-file key: UseCustomBreakEvenTrailing

Move to BE after this profit [gold pips]**Default:** 10.0

When custom management is enabled and MoonLock is OFF, arm break-even after this many favorable gold pips. Default 10 equals about 1.00 in XAUUSD price on standard symbols.

Set-file key: CustomBreakEvenStartPips

At BE, protect this many profit pips**Default:** 1.0

Profit distance protected when break-even first activates. Default 1 gold pip requests a level about 0.10 beyond entry on standard XAUUSD, subject to broker restrictions and execution.

Set-file key: CustomBreakEvenLockPips

Start trailing after this profit [gold pips]**Default:** 20.0

Start the custom trailing stage after this favorable distance. Default 20 gold pips. This setting is active only with MoonLock OFF and custom BE/trailing enabled.

Set-file key: CustomTrailingStartPips

Keep trailing this far behind price [gold pips]**Default:** 10.0

Distance kept behind the best eligible price after custom trailing starts. Example: start 40 and distance 20 means a +60-pip move can raise the intended protected level to roughly +40 pips, before execution differences.

Set-file key: CustomTrailingDistancePips

Move trailing only after this further improvement [gold pips]**Default:** 2.0

Minimum additional favorable movement before the custom trailing level advances again. A larger step reduces modification frequency but leaves wider increments between updates.

Set-file key: CustomTrailingStepPips

05 | TAKE PROFIT TARGETS

Moon Apex take profit [gold pips]**Default:** 140.0

Initial TP for Moon Apex. On standard two- or three-decimal XAUUSD, default 140 gold pips equals 14.00 in price: a buy at 4600 targets about 4614. Confirm your symbol specification. Protection may close the position earlier.

Set-file key: MoonApexTargetPips

Other four modules: take profit [gold pips]**Default:** 150.0

Initial TP for Nova, Zenith, Pulse and Eclipse. On standard two- or three-decimal XAUUSD, default 150 gold pips equals 15.00 in price: a sell at 4600 targets about 4585. Confirm your symbol specification. These are targets, not a forecast.

Set-file key: MoonCoreTargetPips

06 | ENABLE STRATEGIES

Enable Moon Nova**Default:** true

Allows Moon Nova to create new entries when its own conditions and all shared filters permit. True does not mean a pending order must appear immediately. Disabling it is not a command to close an existing position.

Set-file key: MoonNova

Enable Moon Apex**Default:** true

Allows Moon Apex entries. Its TP is controlled separately from the other four modules. It shares the account risk, news and session protections. Do not add a separate chart just to enable this module.

Set-file key: MoonApex

Enable Moon Zenith

Default: true

Allows Moon Zenith entries inside the same EA instance. It has its own trade identity offset and signal conditions. All five modules can be enabled on one chart.

Set-file key: MoonZenith

Enable Moon Pulse

Default: true

Allows Moon Pulse entries. More enabled modules can mean more simultaneous exposure; they are not necessarily independent risks. Changing this switch is not a guarantee of more daily trades.

Set-file key: MoonPulse

Enable Moon Eclipse

Default: true

Allows Moon Eclipse entries. Its orders still require a valid signal and permission from AI, news, schedule, pause and risk checks. Module frequency varies with market conditions.

Set-file key: MoonEclipse

07 | MAGIC NUMBERS & EXISTING TRADES

MoonDog magic number [unique for each EA chart]

Default: 33300

Base number used to identify this EA's orders. The five modules use base +1 through +5. Example: 7777 gives 7778-7782. Use non-overlapping ranges on different charts and never enter another EA's magic number.

Set-file key: MoonTradeIdentity

Manage previous magic number [0 = off]

Default: 0

Enter a previous standard MoonDog base when you deliberately want this instance to manage recognized existing positions from that identity. Zero disables this explicit bridge. It does not rename tickets or move old pending orders into the new identity.

Set-file key: PreviousMoonTradeIdentityBase

Manage older-format magic number [0 = off]

Default: 0

Compatibility bridge for the older MoonDog identity format, not a second normal chart magic. Leave zero unless you know the correct older base. Do not guess or use an unrelated EA's number.

Set-file key: PreviousMoonDogTradeIdentity

08 | DAILY ENTRY HOURS

Allow new entries only within set hours

Default: false

False leaves the daily entry window off. True applies the start and end below using broker server time. Other protections can still pause trading inside the permitted window.

Set-file key: UseTradingHours

Entry start hour [broker time, 0-23]

Default: 2

Hour when the permitted daily window begins. Example: 2 means 02:00 with start minute zero. This is not your computer, Swiss or VPS local time.

Set-file key: TradingStartHour

Entry start minute [0-59]

Default: 0

Minute paired with the start hour. Example: hour 8 and minute 30 means 08:30 broker time.

Set-file key: TradingStartMinute

Entry end hour [broker time, 0-23]

Default: 19

Hour at which new entries stop being permitted. The endpoint is excluded. Example: 19:00 means the allowed window ends at 19:00, not 19:59.

Set-file key: TradingEndHour

Entry end minute [0-59]

Default: 0

Minute paired with the end hour. Example: hour 19 and minute 30 ends the window at 19:30 broker time.

Set-file key: TradingEndMinute

Delete pending orders outside entry hours

Default: false

When the daily window is enabled, true requests removal of this identity's pending orders outside it. False leaves existing pending orders capable of filling outside the window. Open positions keep their protection in both cases.

Set-file key: DeletePendingOutsideHours

09 | WEEKEND ENTRY PAUSE

Pause entries and remove pending for the weekend

Default: true

True pauses new entries and requests pending removal around the weekly close. It does not close open positions. After the pause, the strategy may create fresh valid pending orders; it does not restore the same deleted tickets.

Set-file key: WeekendShieldEnabled

Weekend times: automatic / custom

Default: Automatic: use broker trading sessions

Automatic reads the broker's symbol trading sessions and applies the before/after buffers. Custom uses the exact Friday and Monday times below. All times refer to the broker, not your local clock.

Available choices: Automatic: use broker trading sessions; Custom: my Friday and Monday broker times.

Set-file key: WeekendScheduleMode

AUTO: pause minutes before Friday close

Default: 240

Default 240 means four hours before the symbol's reported Friday close. Example: close 23:00 gives a 19:00 cutoff. Used only in automatic mode.

Set-file key: WeekendFridayCutoffMinutes

AUTO: wait minutes after weekly reopening

Default: 240

Default 240 waits four hours after the weekly session opens before allowing entries. The session can start on Sunday broker time. This is not necessarily Monday at a fixed hour.

Set-file key: WeekendReopenDelayMinutes

AUTO fallback: Friday pause hour [broker time]

Default: 20

Used when the automatic session schedule is unavailable. Default 20 means 20:00 broker time. Check the broker's gold hours, especially around holidays.

Set-file key: WeekendFallbackFridayHour

AUTO fallback: Monday resume hour [broker time]

Default: 5

Fallback restart hour when the weekly session schedule cannot be read. Default 5 means 05:00 broker time; all other entry filters still apply.

Set-file key: WeekendFallbackMondayHour

CUSTOM: Friday pause hour [broker time]**Default:** 20

The fixed Friday hour for the weekly pause in custom mode. Default 20. Combine with the next minute field.

Set-file key: WeekendCustomFridayHour

CUSTOM: Friday pause minute**Default:** 0

Default 0 gives a full-hour cutoff. For 21:30 broker time, set the Friday hour to 21 and this field to 30.

Set-file key: WeekendCustomFridayMinute

CUSTOM: Monday resume hour [broker time]**Default:** 5

The fixed Monday hour for ending the weekly pause in custom mode. Default 5. Resume permits normal signal checks; it does not force an order.

Set-file key: WeekendCustomMondayHour

CUSTOM: Monday resume minute**Default:** 0

Minute paired with the Monday resume hour. Example: hour 5 and minute 30 means 05:30 broker time.

Set-file key: WeekendCustomMondayMinute

10 | NFP, CPI & FOMC NEWS

News currency [USD for gold; both news filters]**Default:** USD

Calendar currency shared by the dedicated and general news protections. Use USD for XAUUSD. Choosing another currency changes which calendar events can be recognized.

Set-file key: NewsCurrency

Enable separate NFP, CPI and FOMC protection**Default:** true

Enables dedicated NFP, CPI and FOMC protection. It combines the native MT5 calendar with the optional dated backup. This pauses new entries and can remove recognized pending orders; it does not automatically close open positions.

Set-file key: UseMajorEventControl

Allow trading during NFP [false = pause]**Default:** false

False pauses new entries around NFP using the two NFP minute fields below. True allows NFP through this dedicated rule, but the general news filter or another active pause may still block trading. Keep false if you want NFP protection.

Set-file key: TradeDuringNFP

NFP: pause minutes before release**Default:** 30

How early to pause before the NFP release listed in the broker calendar. Default 30 minutes. If NFP is scheduled at 15:30 server time, the pause begins at 15:00. Applies when separate major-news protection is on and Allow trading during NFP is false. This is a delay in minutes, not a clock hour.

Set-file key: NFPMinutesBefore

NFP: wait minutes after release**Default:** 60

How long to wait after the scheduled NFP release. Default 60 minutes. A release at 15:30 keeps entries paused through 16:30 server time. Trading can resume afterwards only if all other checks allow it. Other overlapping news may extend the pause.

Set-file key: NFPMinutesAfter

Allow trading during CPI [false = pause]**Default:** false

False applies the dedicated CPI pause with the buffers below. True allows CPI only as far as this dedicated rule is concerned; general high-impact protection may still block it.

Set-file key: TradeDuringCPI

CPI: pause minutes before release**Default:** 30

Default 30 starts the dedicated pause half an hour before a recognized CPI release. Existing positions are not automatically flattened just because the news window starts.

Set-file key: CPIMinutesBefore

CPI: wait minutes after release**Default:** 60

Default 60 waits one hour after CPI before this dedicated block ends. Another overlapping protected event can extend the effective pause.

Set-file key: CPIMinutesAfter

Allow trading during FOMC [false = pause]**Default:** false

False applies dedicated protection for recognized FOMC events. True disables that dedicated block only. Other news, schedule and risk rules still take priority.

Set-file key: TradeDuringFOMC

FOMC: pause minutes before release**Default:** 60

Default 60 means one hour before the recognized event. Check both the rate decision and conference windows in the journal; event times come from the calendar.

Set-file key: FOMCMinutesBefore

FOMC: wait minutes after release**Default:** 150

Default 150 waits two and a half hours after the recognized event. Overlapping windows are combined, so the actual resume time can be later.

Set-file key: FOMCMinutesAfter

11 | OTHER NEWS & CALENDAR SAFETY

Enable the general economic-news filter**Default:** false

False leaves the general filter off while separate NFP/CPI/FOMC protection can remain on. True adds events matching the selected currency and impact levels. It can remove winning as well as losing opportunities.

Set-file key: MoonCalendarShieldEnabled

General filter: block high-impact news**Default:** true

Used when the general filter is enabled. True blocks calendar events classified as high impact for the chosen currency. The rating is the calendar's classification, not a guarantee of volatility.

Set-file key: FilterHighImpactNews

General filter: also block medium-impact news**Default:** false

False ignores medium-impact events in the general filter. True adds them, usually increasing time out of the market.

Set-file key: FilterModerateImpactNews

General filter: pause minutes before news**Default:** 60

Default 60. For a recognized 15:30 event, the general pause begins at 14:30 broker time. This does not replace the dedicated NFP/CPI/FOMC buffer values.

Set-file key: NewsMinutesBefore

General filter: wait minutes after news**Default:** 30

Default 30. A 15:30 general-filter event blocks until 16:00 unless another active window extends the pause. A 15/15 setup must be entered explicitly; it is not the compiled default.

Set-file key: NewsMinutesAfter

Both news filters: delete pending during pause**Default:** true

During a confirmed news window, request deletion of current-identity MoonDog pending orders on the current symbol. The EA reports whether each order was cancelled, filled, expired, still pending or awaiting history. A broker can still reject or lose the cancellation race.

Set-file key: DeletePendingBeforeNews

Calendar unavailable: pause NEW entries [pending orders stay unchanged]**Default:** false

If the calendar is unavailable, true pauses new entries only. Existing pending orders are not deleted merely because calendar status is unknown. False is the default fail-open behaviour when no confirmed event window exists.

Set-file key: NewsFailClosed

Also protect verified NFP/CPI/FOMC dates [check expiry in Experts]**Default:** true

Adds a finite list of published official NFP, CPI and scheduled FOMC dates to the native MT5 calendar. Default true. Coverage and expiry are printed in Experts; it is not a perpetual calendar and must be updated when new official dates are published.

Set-file key: UseBuiltInMajorNewsBackup

12 | OPTIONAL WIDE-SPREAD PROTECTION

Wide spread: pause entries and remove pending

Default: false

Optional entry protection. When enabled, an abnormally wide spread pauses new entries and requests deletion of current-identity pending orders. It cannot undo an order that fills before cancellation. Default off.

Set-file key: WideSpreadProtectionEnabled

Spread limit [MoonDog points; 200 = 20 gold pips]

Default: 200.0

The spread threshold for the optional switch above, in MoonDog normalized points. Default 200 points = 20 gold pips = a 2.00 gold-price difference. This is not 200 raw broker points on every symbol. With a 200 limit, new entries stay paused until spread is at most 160 points and the pending cleanup is finished. The existing initial-entry ceiling of 200 points remains in place even when this optional filter is off; a larger value here does not relax that original ceiling. This is not a cap on execution slippage.

Set-file key: WideSpreadMaxPoints

13 | NORMAL ACCOUNT DAILY LOSS LIMIT

Enable a daily loss limit for normal accounts

Default: false

Optional normal-account protection, off by default. It uses account equity against the saved broker-day starting equity. Other EAs and open profit/loss can affect that equity. Prop mode uses its own limits instead.

Set-file key: NormalDailyLimitEnabled

Daily loss limit [% of day-start equity]

Default: 20.0

Default 20 is only a parameter value, not a recommended personal risk level. With day-start equity 1000, 20% gives a 200 drawdown threshold. Choose a limit you can actually tolerate.

Set-file key: NormalMaxDailyLossPercent

Close MoonDog positions at the daily loss limit

Default: true

True requests closure of recognized MoonDog positions when the normal daily limit is reached. It does not close unrelated EAs or manual trades. Execution can overshoot a limit.

Set-file key: NormalDailyClosePositions

Delete MoonDog pending at the daily loss limit

Default: true

True requests pending cleanup while the normal daily guard is active. Pending orders may still fill if cancellation is delayed or rejected. The new broker day resets the daily reference.

Set-file key: NormalDailyDeletePendings

Saved daily-limit profile name

Default: MAIN

Default MAIN identifies the saved normal daily protection state. Keep it unchanged during normal use and updates. Changing it is a reset action, not a way to recover losses safely.

Set-file key: NormalDailyProtectionId

14 | PROP FIRM LIMITS

Enable prop-firm protection

Default: false

Turns on the prop controls below and uses them instead of the normal-account daily guard. Do not enable it just to hide comments without first checking every active limit against your firm's actual rules.

Set-file key: PropFirmActive

Saved challenge profile name

Default: MAIN

Keep MAIN or choose a distinct name for a genuinely new challenge phase. This identifies persistent references. Changing it mid-challenge can reset the tracked state and invalidate your protection assumptions.

Set-file key: PropFirmChallengeld

Challenge starting balance [0 = automatic]

Default: 0.0

Zero saves the initial reference automatically. Enter the firm's official starting balance if that differs from your current account balance. Money values use account currency.

Set-file key: PropFirmStartingBalance

Challenge profit target [%]

Default: 8.0

Default 8 sets the realized account-balance target relative to the stored starting balance. Floating profit alone does not reach this balance-based target. Entry pause and position closure at the target are controlled by separate switches.

Set-file key: PropFirmProfitTargetPercent

Firm's maximum daily loss [%]

Default: 5.0

Default 5 is not universal. Match your firm's rule, including its calculation basis and reset time in the advanced section. The safety buffer is applied before the official limit.

Set-file key: PropFirmMaxDailyLossPercent

Firm's maximum total drawdown [%]

Default: 10.0

Default 10. Select the corresponding static or trailing calculation in advanced settings. The EA cannot guarantee compliance during gaps, outages or rejected exits.

Set-file key: PropFirmMaxTotalDrawdownPercent

Stop before the firm limit [percentage points]

Default: 0.50

Default 0.50 creates a cushion before the official boundaries. For an initial-balance daily allowance of 5%, the planned threshold is reduced by 0.5% of the initial reference. Confirm the exact account rule, not just the percentage.

Set-file key: PropFirmSafetyBufferPercent

Pause new entries at the profit target

Default: true

True blocks new entries once the configured target is reached. This alone does not close existing positions: use the separate target-close switch if desired.

Set-file key: PropFirmStopAtProfitTarget

Delete pending at prop loss or profit-target limits

Default: true

True requests pending removal when a daily-loss, total-loss or profit-target block is latched. Reaching the exposure-slot cap alone does not trigger this cleanup. A rejected cancellation can leave an order active.

Set-file key: PropFirmDeletePendingsWhenBlocked

Close MoonDog positions at a loss-limit trigger

Default: true

True requests full closure of recognized MoonDog positions when a protected loss boundary is reached. It is a safety action, not a broker-guaranteed maximum loss.

Set-file key: PropFirmClosePositionsOnLimit

Close at profit target [also enable target entry pause]**Default:** false

False leaves positions under normal protection at the realized account-balance target. True requests full closure only if Pause new entries at the profit target is also enabled. Floating profit alone does not trigger this balance-based target.

Set-file key: PropFirmClosePositionsAtTarget

15 | PROP FIRM CALCULATIONS

Total drawdown: fixed / highest balance / equity**Default:** Fixed reference: initial balance

Fixed uses the stored initial balance. Highest balance raises the reference after realized growth. Highest equity can raise it with floating gains. Choose the exact rule your firm uses; these options can produce very different floors.

Available choices: Fixed reference: initial balance; Moving reference: highest balance; Moving reference: highest equity.

Set-file key: PropFirmDrawdownMode

Daily starting reference: balance / equity**Default:** Equity at daily reset

Choose the value saved at the daily reset. Balance excludes open profit/loss; equity includes it. Default is equity. A reset occurs when the running EA processes the new broker day, not while it is offline.

Available choices: Balance at daily reset; Equity at daily reset.

Set-file key: PropFirmDailyBaseline

Daily loss allowance: initial / daily reference**Default:** Percent of initial balance

Choose whether the percentage allowance is based on initial balance or that day's saved reference. Example: 5% of initial 10000 is 500; 5% of a 11000 daily reference is 550, before the safety cushion.

Available choices: Percent of initial balance; Percent of daily reference.

Set-file key: PropFirmDailyLossAmount

Trailing allowance: fixed amount / % of peak**Default:** Fixed amount from initial balance

For trailing drawdown, fixed amount derives the allowance from initial balance. Percent of peak recalculates it from the high-water reference. This is separate from the choice of balance or equity as the peak.

Available choices: Fixed amount from initial balance; Percentage of the highest reference.

Set-file key: PropFirmTrailingAmount

Firm reset hour [broker time, 0-23]**Default:** 0

Default 0. Convert the firm's reset into broker server time, accounting for daylight-saving changes. The EA does not assume your local midnight is the firm's reset.

Set-file key: PropFirmDailyResetHour

Firm reset minute [0-59]**Default:** 0

Default 0. Combined with hour 0 this means 00:00 broker time. Example: hour 1 and minute 30 gives 01:30.

Set-file key: PropFirmDailyResetMinute

Max positions + pending [0 = strategy limit]**Default:** 0

Optional cap on recognized exposure slots when prop mode is active. It counts positions and pending orders, not percentage risk. Zero uses the native strategy limit; it does not mean unlimited orders.

Set-file key: PropFirmMaximumExposureSlots

16 | AUTOMATIC FIXED-LOT GROWTH

Grow the fixed lot as the account grows**Default:** false

Optional balance-step lot growth. Used with fixed-lot sizing, not ONNX adaptive risk. A single winning trade does not necessarily increase the lot: the full configured account-growth step must be reached.

Set-file key: LotScalingEnabled

Growth starting balance [0 = save automatically]**Default:** 0.0

Zero records the starting reference automatically. Example: reference 1000 and step 500 means the first increase at 1500. A saved reference can persist across restarts.

Set-file key: LotScalingBaseBalance

Account growth needed for each lot increase**Default:** 500.0

Default 500 in account currency. With balance calculation and a 1000 reference, steps occur at 1500, 2000 and so on. Cent-account units may differ from what you expect in dollars.

Set-file key: LotScalingBalanceStep

Lot added at each growth step

Default: 0.01

Default 0.01. Starting from 0.01, one completed step asks for 0.02; two ask for 0.03, subject to the scaling cap and broker constraints.

Set-file key: LotScalingLotStep

Maximum lot from automatic growth

Default: 0.03

Default 0.03 limits this fixed-lot growth feature. This is different from the percentage-risk cap. Set it no lower than the intended starting lot and check the broker volume step.

Set-file key: LotScalingMaxLot

Use equity for growth [false = balance]

Default: false

False bases growth on realized balance. True includes floating profit/loss via equity, so the requested size can change before trades close.

Set-file key: LotScalingUseEquity

Keep the highest reached growth level

Default: false

False permits the growth level to fall when the account falls. True retains the achieved level, which can leave proportionally higher exposure after losses. Use with care.

Set-file key: LotScalingOnlyUp

Remember the growth level after restart

Default: true

True saves the scaling reference and state locally. Keep the profile name stable if you want continuity. This is not automatic synchronization across different terminals or VPS installations.

Set-file key: LotScalingPersistState

Saved lot-growth profile name

Default: MAIN

Default MAIN. A different name creates a separate state identity. Change it deliberately for a new starting reference, not as a routine update step.

Set-file key: LotScalingStateld

17 | ORDER COMMENTS

Custom order comment [empty = module name]

Default: Empty text

Enter text to replace the default Moon module comment on new orders. Leaving this field empty does not hide the comment; it uses the module name. Existing broker history is not renamed.

Set-file key: OrderCommentText

Add module code to your custom comment

Default: false

False sends only your custom text. True adds the module code to identify which module opened the order. Used with a custom comment; brokers can truncate or modify comments.

Set-file key: AppendModuleToComment

PROP mode only: leave order comments blank

Default: false

True requests an empty comment only when prop-firm mode is also on. It does not hide the magic number or trading activity from the broker and does not override prop-firm rules.

Set-file key: PropFirmBlankOrderComment

18 | SLIPPAGE MEASUREMENT

Measure slippage and enable its panel

Default: true

True enables local execution measurement and the Slippage drawer. Closing the drawer does not stop measurement. False disables this feature. No other broker account, external signal or WebRequest is needed.

Set-file key: ShowExecutionComparison

Closed trades before an overall rating

Default: 10

Default 10. Below this count the panel displays calibration status. Ten is an initial sample, not statistical proof of broker quality. The visible list shows the latest ten closed trades; aggregate statistics can use more history.

Set-file key: ExecutionMinimumTrades

EXCELLENT: max one-way slippage [gold price]**Default:** 0.05

Default 0.05 in XAUUSD price, equivalent to 0.5 gold pip. It is not 0.05 dollars of account loss. Round-trip grading doubles this threshold to 0.10.

Set-file key: ExecutionExcellentMax

GOOD: max one-way slippage [gold price]**Default:** 0.15

Default 0.15, or 1.5 gold pips. Round-trip threshold is 0.30. Thresholds must remain ordered from excellent through poor; changing them relabels results but does not improve execution.

Set-file key: ExecutionGoodMax

NORMAL: max one-way slippage [gold price]**Default:** 0.35

Default 0.35, or 3.5 gold pips. Round-trip threshold is 0.70. Average, tail values, trade count and market conditions matter more than one isolated letter grade.

Set-file key: ExecutionNormalMax

POOR: max one-way slippage [higher = BAD]**Default:** 0.75

Default 0.75, or 7.5 gold pips. Round-trip threshold is 1.50; higher values are BAD. Meaningful negative slippage is price improvement. A bad grade alone does not identify the cause.

Set-file key: ExecutionPoorMax

19 | PANEL & STARTUP IMAGE

Open full panel on startup [OFF = lightweight; use Show panel]**Default:** false

Default false for a lighter startup. The compact operational controls remain available and Show panel opens the full dashboard. Hiding the panel does not disable trading, protection or execution statistics.

Set-file key: MoonDashboardVisible

Panel size [smaller number = smaller panel]**Default:** 1.10

Default 1.10. The panel also adapts to chart space; reduce this value or enlarge the chart if needed. Slippage uses a side drawer when space allows and a separate view on small charts.

Set-file key: MoonDashboardScale

Show MoonDog startup image

Default: true

True shows the startup artwork briefly. False skips that image. This controls presentation, not entry rules or trade protection.

Set-file key: ShowLaunchSplash

Startup image duration [seconds]

Default: 3

Default 3. Only used when the startup image is enabled. The main panel is available after the image disappears.

Set-file key: LaunchSplashSeconds

20 | TESTING & LOCAL REVIEW LOG

Reduce drawing during backtests

Default: true

True reduces display work in Strategy Tester without changing trading decisions. It does not change the tick model. Important: the built-in news-calendar filter is bypassed in this release's tester, so a real-tick backtest does not validate its live news pauses.

Set-file key: FastBacktest

Save local review log [no auto-training]

Default: false

False is the default. True enables bounded local review telemetry outside Strategy Tester, up to 32 MiB. This Market build disables it in tests and optimization. It does not retrain ONNX, send data to a server or update models automatically.

Set-file key: LocalLearningLogEnabled

INTERNAL calendar helper: always leave empty on your trading chart

Default: Empty text

Internal calendar-helper field. Always leave empty on a normal trading chart and in supplied SET files. It is not a customer trading option.

Set-file key: CalendarWorkerSession

11 / UPDATES & SAVED STATE

Update without losing track.

An update is a good time to check the preset, not to change every identity. Keep a copy of the previous EX5 and set file. Read the release notes and confirm the active magic number, symbol and lot settings before you continue.

A practical update routine

Confirm Cancel pending + pause and verify that pending cleanup has finished. Note any open position tickets and the magic number. Replace the EA only when you understand how those open positions will be recognized. Load the matching set, check permissions and status, then use Resume entries when ready.

The manual pause is saved locally using account, server, symbol and magic identity. With that identity and terminal data unchanged, a restart or build update can retain the pause. A different magic number, terminal data folder or VPS is not automatically the same saved state.

For an intentional magic change, configure the appropriate previous identity before relying on management of open positions. Manual-cancel, news and weekend pending cleanup use the current identity. Daily/prop loss-limit cleanup can include recognized previous identities. Old pending orders are not converted into new-magic tickets.

The new Close trades command has two stages. Confirmation captures a session-local list; the next protection service arms close intents. Once armed, the existing saved close engine owns them. A restart before arming can lose that new manual request. Check actual positions instead of assuming a click means they are closed.

The pause button is not an Algo Trading switch. Virtual protection requires an active EA with permission to trade. Persisted levels help recover state after a restart; they do not execute trades while the terminal is stopped.

Order comments are not invisibility

An empty custom-comment field means module names. The separate blank-comment setting works only in prop mode. Neither changes what the broker can see about your orders, volume, timing or magic numbers.

12 / TROUBLESHOOTING

When something looks wrong.

You see	Check this first
No pending / fewer pending	Status, manual pause, ONNX selection, enabled modules, news, weekend, hours, margin and minimum lot. Enabled modules do not promise one order each on attachment. Read rejection messages.
Resume but still no entry	Resume clears only the manual pause, after cleanup. Another protection can still block; the signal may also not be valid.
SL does not move	Recommended virtual mode keeps the physical safety SL fixed. Read the Experts messages for virtual triggers. This is not automatically a trailing failure.
Profit falls below the lock target	Check whether MoonLock activated, what peak the EA recorded, permissions, uptime, quotes, close attempts and deal prices. A displayed peak is not a guaranteed payout.
Auto trading disabled by client	The terminal or EA is not allowed to send the request. Enable the correct permissions; do not blame freeze levels for this message.
Frozen / close rejected	The broker rejected that action at that time. A virtual trigger still sends a market close and can be rejected. Keep logs and ask support to trace the exact ticket.
Close trades is still closing	Check terminal permission, connection and the journal. Requests retry through the close engine, not all at once. Pending orders are unchanged unless separately canceled.
Text seems clipped	Make the chart larger, reduce Panel size, or use the separate Slippage view. Hover shortened values. Hiding the panel does not remove the EA.

Never increase risk to test a suspected fault. Use a demo or minimum size until you understand it. If you need to intervene manually, verify the remaining positions and pending orders in MT5 rather than relying only on a panel message.

13 / SUPPORT & FINAL CHECKLIST

Send the right evidence.

A screenshot is useful, but the two log streams explain what happened. Include the exact ticket, server timestamp, broker/account type, symbol, EA build, loaded set and whether it was running locally or on a VPS.

Experts log

In MT5, use File > Open Data Folder. EA messages are normally in MQL5/Logs, organized by date. Include the complete relevant file, not just the final error line.

Journal log

Terminal and trade-request messages are normally in Logs under the same data folder. If the EA ran on a hosted VPS, export the logs from that running environment too; your local terminal may not have the relevant messages.

Before increasing size: correct release and set; one intended instance; unique magic range; initial SL verified; ONNX/adaptive mode understood; calendar/news status checked; broker-time schedule checked; enough execution observations; a loss budget you can tolerate.

Before leaving the terminal: connected, Algo Trading enabled, EA healthy, no unexplained closing/cleanup error, and no unintended duplicate instance on a local PC and VPS.

Review real results calmly. One profitable day does not validate a broker or a strategy, and one losing day does not identify a software bug. What matters is the trade evidence, repeated behavior and risk you can afford.

Guide scope: the genuine MoonDog V4.18 Market candidate dated 13 September 2026. This is not a performance report, investment promise or a broker endorsement. Illustrations use synthetic figures; compiled defaults can be replaced by a loaded set.

Set-file reference: [Official MoonDog recommended-set page](#). Always match the release name. This guide describes the supplied code and does not certify that every downloadable file on that page has already been updated.