
MOONDOG EA / v3.34

USER GUIDE

Setup, risk, protection and broker execution

Written for users. No technical background required.

MT5

XAUUSD

ENGLISH



Read this before the first live trade.

MoonDog Trading

01 / START

Start here

Five steps. Nothing else is required.

1

Open the correct symbol

Use your broker's XAUUSD chart. A broker suffix is normal.

2

Attach MoonDog EA v3.34

One chart is enough. When upgrading, remove v3.33 first and never run both versions together.

3

Enable Algo Trading

The MT5 Algo Trading button must remain enabled.

4

Load the recommended SET

Use it for current defaults and new orders. Existing v3.33 trades are recognized automatically.

5

Keep MT5 online

Use a reliable VPS if you want MoonLock and local fallback protection available at all times.

YOU DO NOT NEED

No WebRequest.
No DLL.
No collector.
No second chart.

Install the EA, load the SET and run it.

CHECK THE SET AFTER EVERY UPDATE

The recommended file may change when the EA is updated. Open the link again and check the current file before trading.

<https://www.mql5.com/en/blogs/post/774178>

Using a deliberately tested custom SET? You may ignore this reminder.

02 / INPUTS

The settings that matter first

Start with these. Leave the advanced sections alone until you know why you need them.

ESSENTIALS

MoonTradeIdentity

Default base identity: 33300

MoonSizing

Default: Risk 2% of balance

MoonFixedLot

Default: 0.01; Fixed mode only

MoonCustomRiskPercent

Default: 2.0%; Custom mode only

UseTradingHours

Default OFF; 02:00-19:00 server

PROTECTION

MoonLockEnabled

Default ON; money protection

MoonLockStartPer001

1.0 account currency per 0.01 lot

MoonLockPercent

Default: 50% of best profit

VirtualTrailingMode

Default: Fallback Only

PersistVirtualTrailing

Default ON; restores local level

KEEP THE RECOMMENDED BASELINE

The v3.34 Inputs page no longer exposes global entry offsets, randomization or alternative stop profiles. Change one available setting at a time, save a separate SET and compare it on a meaningful real-tick test. If you cannot explain the difference, return to the recommended file.

03 / RISK

Risk, without the confusion

Percentage modes use account balance and the physical stop for each individual trade.

MODE	WHAT IT USES	WHEN TO USE IT
Fixed Lot	MoonFixedLot	Small live tests and controlled sizing
Risk 1%	1% of balance	Lower exposure
Risk 2%	2% of balance	Current EA default
Custom	MoonCustomRiskPercent	Only after choosing your own percentage

\$1,000 ACCOUNT / 2% MODE

The target maximum is about **\$20 for each individual trade**. The lot is rounded down to the broker step, never up, so actual risk may be lower.

THE PART PEOPLE MISS

MoonDog has five modules. More than one trade can be open, so combined account exposure may be higher than 2%.

A SENSIBLE START

Demo first, then Fixed 0.01 or a risk level you can genuinely tolerate. If the calculated risk lot is below the broker minimum, MoonDog skips the order. Automatic lot scaling is separate, Fixed-mode only and OFF by default.

04 / STRATEGY

Five Moon engines

Independent entry engines running from one MoonDog chart.

NOVA

MNV / 33301

APEX

MAP / 33302

ZENITH

MZN / 33303

PULSE

MPL / 33304

ECLIPSE

MEC / 33305

WHAT THAT MEANS

Each module scans independently and can place its own BUY and SELL pending levels. MoonLock and virtual-fallback settings are shared, while entry, break-even and trailing geometry remains internal and module-specific.

SWITCHING A MODULE OFF

It removes that engine from the trade sample. Results will no longer match the recommended configuration, even if every other setting is unchanged.

IDENTITY & COMMENTS

MoonTradeIdentity 33300 creates IDs 33301-33305. Empty OrderCommentText uses the full module name. Custom text can append the short code. Legacy IDs: MNV 8012, MAP 8009, MZN 8014, MPL 8015, MEC 8013.

UPGRADING FROM v3.33

Remove v3.33 and attach v3.34 to the same XAUUSD chart. Existing positions and pending orders keep their old Magic Numbers but are recognized and managed without a SET. Load the current SET for new orders and defaults. Never run both versions together.

05 / ENTRIES & TARGETS

Fixed geometry, clear targets

v3.34 keeps the validated entry geometry inside each Moon module.

MOON APEX

140 PIPS

MoonApexTargetPips
14.00 XAUUSD distance

CORE MODULES

150 PIPS

MoonCoreTargetPips
15.00 XAUUSD distance

ENTRY GUARD

200 POINTS

Internal spread ceiling
2.00 XAUUSD / 20 pips

MODULE TARGET MAP

Physical TP is sent with the pending order

MNV	Moon Nova	150 pips
MAP	Moon Apex	140 pips
MZN	Moon Zenith	150 pips
MPL	Moon Pulse	150 pips
MEC	Moon Eclipse	150 pips

FIXED ENTRY GEOMETRY

Modules place server-side BUY STOP / SELL STOP orders from their internal pivot rules. The visible chart timeframe does not change them.

TARGET INPUTS

Only Apex and Core target values are exposed. Changing them changes exits and backtest results.

Entry gates: the internal spread ceiling is 200 strategy points = 2.00 XAUUSD = 20 conventional gold pips. Hours, news, prop-firm rules and disabled modules can also block a new entry.

06 / PROTECTION

Physical stop first

Virtual fallback is an extra layer, not a replacement for the main stop loss.

MAIN STOP LOSS

The safety stop is fixed at 200 strategy points: 2.00 XAUUSD, or 20 conventional gold pips. Physical SL and TP are sent with the pending order and restored if missing on a recognized trade. Only a broker minimum can widen it.

BREAK-EVEN & TRAILING

Break-even, distance trailing and high/low trailing keep their module-specific internal values. Global trailing and break-even offsets are not user inputs in v3.34.

Fallback Only - recommended virtual mode

1

MoonDog requests a physical trailing-SL move.

2

Broker accepts: the physical stop moves.

3

Broker rejects or cannot hold the level: a local shadow is armed; sync retries once per second.

4

Price reaches the local level: MoonDog closes the trade.

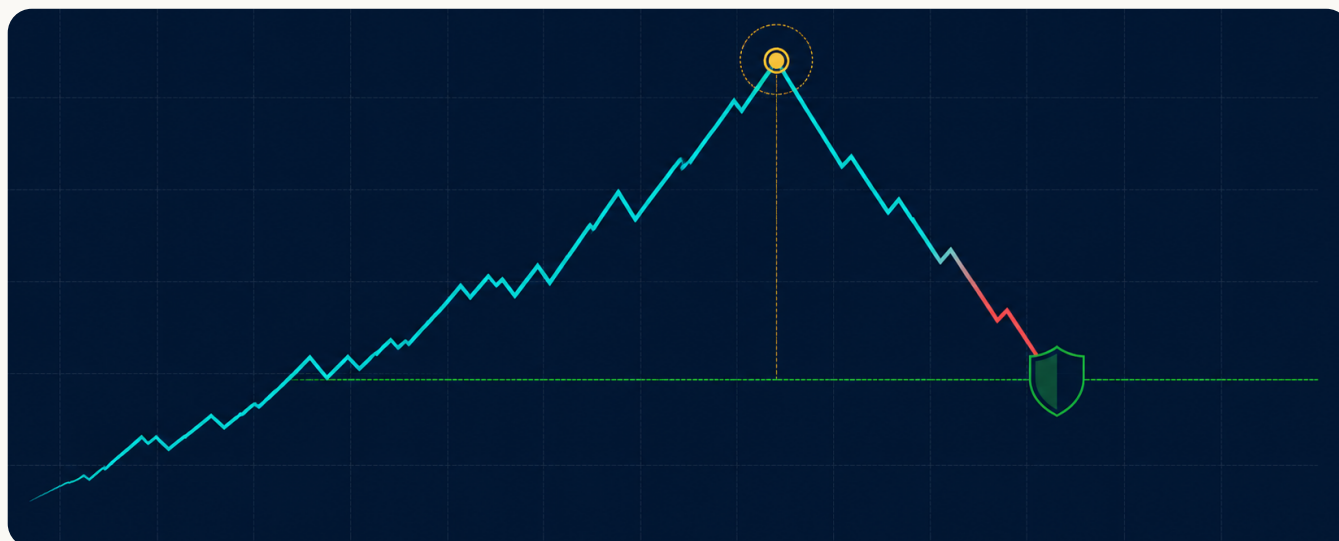
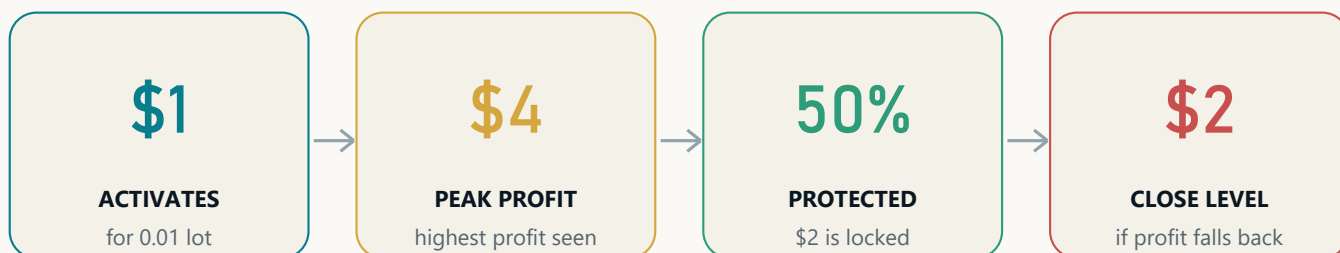
MODE SUMMARY

OFF disables virtual trailing fallback; physical modifications remain and MoonLock can still close by money. Fallback Only adds a local shadow when physical sync fails. ALWAYS keeps the initial physical SL but manages later trailing locally. Persistence restores an armed level after restart; MT5 must stay online.

07 / MOONLOCK

MoonLock in one example

Money-based protection per position. Dollar figures below assume an account in USD.



THE FORMULA

MoonLockStartPer001 sets activation in account currency per 0.01 lot. MoonLockPercent protects part of the best profit seen.

LOT SIZE SCALES IT

At 0.02 lot, the default \$1 activation per 0.01 becomes \$2.

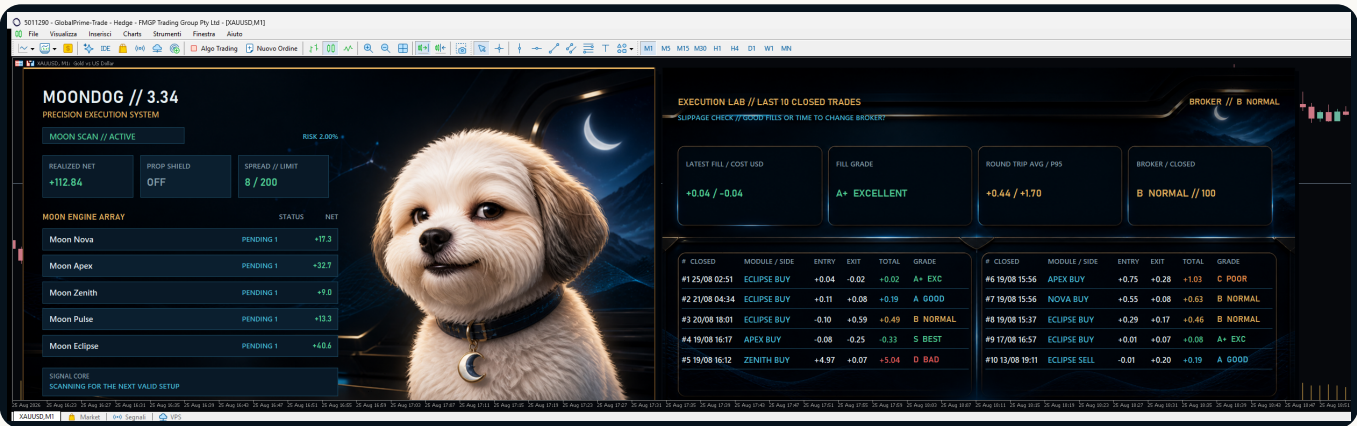
PHYSICAL FIRST, VIRTUAL IF NEEDED

MoonLock raises protection whenever a new profit peak is made and first tries to move the physical SL. If rejected, Fallback Only keeps a persisted local shadow and retries. A local close can differ slightly because of ticks and slippage. Keep MT5 online.

08 / DASHBOARD

Read the panel in 20 seconds

The dashboard shows status and execution data. It does not change the trading logic.



LEFT PANEL

Risk profile, fixed physical SL, spread limit, balance, equity, live P/L, prop shield and the live status of all five modules.

EXECUTION LAB

Latest fill, estimated cost, fill grade, round-trip average, P95, overall broker grade and the last 10 closed trades.

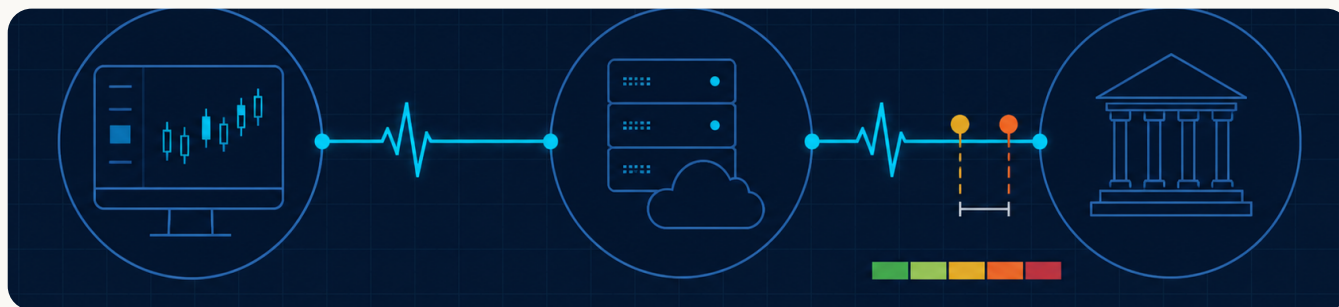
HIDE OR SHOW IT WHILE THE EA IS RUNNING

MoonDashboardVisible is ON and MoonDashboardScale is 1.10 by default; charts narrower than 2400 px use the compact 0.70 layout. HIDE/SHOW changes only the panel objects. It does not alter entries, exits, MoonLock, virtual trailing or fill calculations. Execution Lab is entirely local.

09 / EXECUTION

Slippage and broker quality

Positive numbers are adverse. Negative numbers mean price improvement.



GRADE	LATEST ENTRY	CLOSED ROUND TRIP
S IMPROVED	below -0.005	below -0.01
A+ EXCELLENT	up to +0.05	up to +0.10
A GOOD	up to +0.15	up to +0.30
B NORMAL	up to +0.35	up to +0.70
C POOR	up to +0.75	up to +1.50
D BAD	above +0.75	above +1.50

DO NOT JUDGE ONE FILL

Values are XAUUSD price units, not pips. A+ example: entry +0.04, exit +0.06, total +0.10. C Poor: +0.55, +0.80, total +1.35.

ExecutionMinimumTrades is 10. The overall verdict uses average closed round-trip slippage; P95 is separate context. Check VPS latency, spread, commission and contract before judging the broker.

10 / FILTERS

Hours, news and prop firms

These settings can block entries or close exposure. Match them to the account you actually use.

TRADING HOURS

UseTradingHours is OFF. If enabled, the default window is 02:00 included to 19:00 excluded, using broker server time. DeletePendingOutsideHours is OFF and works only when the schedule is ON.

NEWS

General USD shield OFF: high ON, moderate OFF, 60 min before / 30 after, delete pending ON, fail-open. Major control ON: NFP 30/60 min, CPI 30/60, FOMC 60/150; trading during each is OFF. Calendar protection is bypassed in Strategy Tester.

PROP FIRM PROTECTION

PropFirmActive is OFF. If enabled: starting balance 0 = auto, target 8%, daily loss 5%, total drawdown 10%, buffer 0.50%, reset 00:00 server time. These are optional configurable prop rules, not a hidden global drawdown limit.

A filter that blocks trading is not broken. Check the dashboard state, broker time and MT5 calendar before changing the settings.

11 / PRACTICAL RULES

Before you change anything

The boring habits are the ones that keep an account alive.

- 01 Check the recommended SET after every EA update.
- 02 Test on demo or small size before increasing risk.
- 03 Change one setting at a time and save a separate SET.
- 04 Keep the VPS and MT5 online when using local protection.
- 05 Judge a sample of trades, not one trade or one day.
- 06 Do not go all-in and do not raise risk to win back a loss.



**KEEP IT
SIMPLE**

Good settings
need time.

RECOMMENDED SET

<https://www.mql5.com/en/blogs/post/774178>

No EA can guarantee profit. Losing days and missed moves are part of trading. Use risk that lets you stay patient.