

EXPERT ADVISOR · METATRADER 5

Prisma



User Manual & Input Reference Guide

About this guide

This manual explains the **global settings** of Prisma — the inputs that govern the EA as a whole: identity, strategy selection, position sizing, protections, prop-firm rules, the news filter, and the dashboard. The goal is to let you understand, on your own, what each input you see in the EA's settings window actually does.

Each entry shows the input's name as it appears in MetaTrader, its **default value**, a short description of what it does, and — where relevant — a note about how it interacts with other settings.

Not covered here. The internal fine-tuning of each individual strategy and the advanced expert parameters are intentionally left out: they are pre-configured and frozen at their tested values. This guide focuses on the settings you can change from the panel.

Good to know. All times are **broker (server) time**. Defaults shown are the factory values and may be changed safely to suit your account and broker.

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1 Prisma — General

Identity of the EA on the account and on the chart: the version label, the ID stamped on its orders, and the comment attached to every trade.

EA Version

Default: **Prisma 1.0**

Free-text version label shown on the on-chart dashboard. Purely cosmetic — change it only to relabel the panel.

Note — Display only; does not affect trading or order identification.

Magic Number

Default: **18456**

Unique ID stamped on every order so the EA recognises and manages only its own trades. Each strategy is automatically given its own distinct number derived from this base. Change it only to run more than one copy of Prisma on the same account/symbol without conflict.

Note — Must be unique per EA instance on a given symbol. If you change it, the EA will no longer recognise trades opened under the old number.

Trade Comment

Default: **Prisma**

Text prefix attached to each order's comment, with the strategy name added automatically (e.g. 'Prisma DIAMOND'). Helps you identify trades in the history.

Note — Cosmetic label on orders only.

Drop The Per-Gem Suffix From Orders Comments

Default: **Off**

When on, the order comment shows only your Trade Comment, without the strategy name appended. Use it if you prefer a single, clean label on every trade.

Note — Cosmetic label on orders only; does not affect how trades are managed.

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Strategies

The eight strategies that make up Prisma, each named after a gem. In Full Auto and the preset modes these switches act as master kill-switches — turning a strategy off here disables it in every mode. In Custom mode they select exactly which strategies run.

Diamond

Default: **On**

Enable / disable the Diamond strategy.

Ruby

Default: **On**

Enable / disable the Ruby strategy.

Emerald

Default: **On**

Enable / disable the Emerald strategy.

Sapphire

Default: **On**

Enable / disable the Sapphire strategy.

Topaz

Default: **On**

Enable / disable the Topaz strategy.

Jade

Default: **On**

Enable / disable the Jade strategy.

Opal

Default: **On**

Enable / disable the Opal strategy.

Garnet

Default: **On**

Enable / disable the Garnet strategy.

3 Trading Settings

The global trade-direction filter, the operating mode that decides how many strategies run, entry-quality and exposure filters, the fast-scalping management mode, and weekend closing.

Trade Direction

Default: **Buy and Sell**

Restricts every strategy to buys only, sells only, or both. Use it to bias the EA toward your market view or to respect broker constraints.

Auto Trading Strategies Mode

Default: **Full Auto Mode**

Sets how Prisma selects and runs its strategies: **Conservative**, **Balanced** or **Active** apply a fixed risk profile; **Full Auto Mode** (recommended) chooses the right profile automatically from your balance and risk setting; **Custom** lets you pick the exact strategies yourself.

Note — In Custom mode the strategy selection is taken from the Strategies switches in section 2.

Sensitivity Filter

Default: **On**

An added sensitivity check on live trades: it watches how a move develops and steps in when the price action looks weak or unconvincing, keeping trade handling tight and selective. Leaving it on generally improves the quality of results.

Note — Its strictness is set by Sensitivity Filter Priority below.

Sensitivity Filter Priority

Default: **Medium**

How strict the sensitivity filter is: **Low**, **Medium** or **High**. Higher settings react sooner and more aggressively; lower settings are more permissive.

Note — Used only when the Sensitivity Filter is on.

Max 1 Trade Per Direction Per Strategy

Default: **Off**

Limits each strategy to a single open trade per direction, so it cannot stack several trades on the same side at once. A simple way to keep exposure lean.

Limit Nearby Trade Orders

Default: **Off**

Prevents strategies from placing orders too close together in price, avoiding over-exposure to a single price area across the whole EA.

Nearby Distance In Pips

Default: **100**

How close, in pips, two orders must be to count as "nearby" for the limit above.

Note — Used only when Limit Nearby Trade Orders is on.

Max Orders Nearby

Default: **2**

The maximum number of orders allowed within the nearby distance before further nearby orders are blocked.

Note — Used only when Limit Nearby Trade Orders is on.

Fast Scalp Mode

Default: **Off**

Switches every strategy to a fast-scalping style of trade management: it secures small profits quickly with a tight, fast-reacting trailing stop and drops out of weak trades earlier — aiming for smaller, more frequent gains and smaller losses. When on, it overrides the normal trade management for the whole EA.

Note — A behaviour-changing mode; leave it off to keep the standard management. Its fine-tuning values are preset internally.

Close Positions Before Weekend

Default: **Off**

On Friday, closes open positions once the cut-off time is reached, to avoid weekend gap risk.

Note — Acts only on Fridays at or after the configured close time. Closes any open positions.

Friday Close Hour

Default: **21**

Broker-time hour on Friday at which weekend closing begins.

Note — Used only when Close Positions Before Weekend is on.

Friday Close Minute

Default: **0**

Minute, within the close hour, at which weekend closing begins.

Note — Used only when Close Positions Before Weekend is on.

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Lot Management & Position Sizing

Controls how trade size is calculated. The Lot Sizing Mode decides which method is used; the value it needs (fixed lot, overall risk %, or per-strategy risk %) depends on the mode you pick.

Lot Sizing Mode

Default: **Based on Overall Risk %**

Chooses how position size is calculated: **Use Fixed Lot** trades a constant size; **Based on Overall Risk %** sizes the whole portfolio to a single risk budget; **Based on Risk % per Strategy** sizes each strategy from its own risk percentage and stop distance.

Fixed Lot

Default: **0.01**

The exact lot size used for every trade when fixed-lot sizing is selected.

Note — Used only when Lot Sizing Mode = Use Fixed Lot.

Overall Risk %

Default: **25**

The total risk budget, as a percentage, that the EA sizes to when using the overall-risk method. Higher values mean larger positions.

Note — Used when Lot Sizing Mode = Based on Overall Risk %. In Full Auto Mode this figure also guides which risk profile is selected.

Risk % Per Strategy

Default: **1**

Percentage of balance to risk on each individual strategy's trade; the lot size is derived from this and the stop-loss distance.

Note — Used only when Lot Sizing Mode = Based on Risk % per Strategy.

Override The Balance Used For Sizing

Default: **0**

Forces position sizing to use a fixed balance figure instead of your real account balance — useful for testing a specific account size. Set to 0 to use the real balance.

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Prop Firm Compliance

Guard rails for funded and prop-firm accounts: daily-loss and overall-drawdown limits, a daily profit target, and entry randomisation. Limits set to 0 are off.

Prop Firm Mode

Default: **Off**

Master switch for the prop-firm safety rules below. Turn it on to enforce the daily-loss and drawdown guards on a challenge or funded account.

Randomize Entries By This Value

Default: **0**

Adds a small random offset to entry prices so fills vary slightly from run to run. Some prop firms require this kind of entry variation. 0 = off.

Risk Stops Method

Default: **Hard**

What happens when a risk limit is hit: **Hard** closes everything and freezes trading for the rest of the day; **Soft** stops opening new trades but keeps managing the ones already open.

Max Daily Loss Based On %

Default: **0**

Daily loss limit expressed as a percentage of the reference balance. When reached, the Risk Stops Method is applied. 0 = off.

Max Daily Loss Based On Currency

Default: **0**

Daily loss limit expressed as a fixed amount in the account currency. 0 = off.

Note — If both the % and the currency limit are set, whichever is reached first applies.

Daily Loss Reference

Default: **Day-start balance**

What the daily loss is measured against: the **day-start balance**, the **day-start equity**, or the **intraday peak**. Match this to your prop firm's rule.

Max Overall Drawdown %

Default: **0**

The maximum total drawdown allowed before the Risk Stops Method is applied. 0 = off.

Max Overall Drawdown Reference

Default: **From initial balance**

What the overall drawdown is measured against: **from the initial balance**, or **trailing from the peak equity**. Match this to your prop firm's rule.

Initial Balance For Overall DD

Default: **0**

The starting balance used as the baseline for the overall-drawdown limit. Leave at 0 to detect it automatically.

Daily Profit target %

Default: **0**

Once the day's profit reaches this percentage, the EA stops opening new trades for the day. 0 = off.

Daily Profit target Based On Currency

Default: **0**

Same as the daily profit target, but expressed as a fixed amount in the account currency. 0 = off.

Close Open Trades On Daily Target

Default: **Off**

When the daily profit target is reached, also closes any open trades — not just blocks new ones — locking in the day's result.

Note — Used only when a daily profit target is set.

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News Filter

Pauses new entries around scheduled news events read from the MetaTrader calendar. While paused, no new trades are opened; existing open positions keep being managed.

Enable News Filter

Default: **Off**

Stops new entries during a window around scheduled news events.

Note — Works on live / demo only; automatically disabled in the Strategy Tester, which has no news calendar.

Min News Importance

Default: **High Only**

Which events trigger the blackout, by impact: **Low**, **Low + Medium**, **Medium**, **Medium + High**, or **High only**. Looser settings cause more frequent and longer pauses.

Note — Used only when the News Filter is on.

Only News Of This Currency

Default: **USD**

Restricts the filter to events of a single currency (e.g. USD). Leave it matched to the currency that moves your traded symbol.

Note — Used only when the News Filter is on.

Minutes Before News

Default: **30**

How many minutes before each qualifying event the entry blackout begins.

Note — Used only when the News Filter is on.

Minutes After News

Default: **30**

How many minutes after each qualifying event the entry blackout lasts.

Note — Used only when the News Filter is on.

Daily News Scan Hour

Default: **3**

Broker-time hour each day when the EA reads the news calendar to find that day's relevant events.

Note — Matters only when the News Filter is on. Set it to an early, quiet hour so the day's events load before trading.

Safety Min If The Broker Calendar Time Is Shifted

Default: **0**

A manual minute adjustment applied to event times, to compensate if your broker's calendar is offset from the true event time. Leave at 0 unless you notice a shift.

Note — Used only when the News Filter is on.

7 Dashboard & Appearance

The on-chart information panel, its behaviour during backtests, and the chart colour theme. These settings are visual only and do not change how the EA trades.

Enable Dashboard

Default: **On**

Shows the on-chart information panel with account, risk and strategy status.

Note — Display only; no effect on trading.

Refresh The Dashboard During Backtest

Default: **Off**

Keeps the dashboard updating while a Strategy Tester run is in progress. Leave it off for faster backtests.

Note — Affects the Strategy Tester only.

Backtest Speed: Higher Values = Faster But Less Accurate

Default: **30**

Speeds up backtests by processing at most one update every so many simulated seconds. Higher values run faster but reduce accuracy; 0 processes every tick.

Note — Affects the Strategy Tester only — it has no effect on live or demo trading.

Apply The Prisma Chart Color Theme

Default: **On**

Applies Prisma's dusk colour theme to the chart. Turn it off to keep your own chart colours.

Note — Appearance only; restored to your previous colours when the EA is removed.