FX Intellect

EA Module Inputs Guide

Client Documentation for MT4/MT5 Robot Settings

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Client Guide: EA Module Inputs

Important: Time settings must match the EA's configured time basis, such as broker time, local time, or GMT, depending on how the full EA is configured. Always test on demo before using live or prop firm accounts.

For all settings that mention pips/points, the exact unit depends on how the EA is configured for that symbol and broker. When unsure, test on a demo account first.

User Interface

The FX-Intellect interface gives traders a quick view of important account and trade information directly on the chart. The Main Window shows account details, current trade performance, and the next relevant news event. The Partial Window is used to manage partial profit and loss closing settings, allowing traders to close a selected percentage of a trade at different TP or SL distances. After changing the partial closing values, the user can click **Apply** to update the settings.

News Filter Settings

The News Filter helps control trading around economic news events. It can block new trades before and after selected news, close open trades before events, delete pending orders, temporarily remove SL/TP, restore SL/TP after news, and send alerts before upcoming news.

Client setting	What it does	Practical guidance
Enable News Filter	Turns the News Filter module on or off.	When disabled, the EA will not use news rules to block trades, close trades, delete pending orders, or manage SL/TP around news.
News Calendar Source	Chooses where the EA gets news data from.	Pro+ versions may show FTMO, Forex Factory, Investing.com, and MT5 Calendar. Non-Pro+ versions may only show MT5 Calendar.
Process News Affecting Current Symbol Only	Processes only news events related to the current chart symbol.	For EURUSD, the EA should normally process EUR and USD news. If disabled, the EA may process all loaded news events depending on the module logic.
Process Medium Impact News	Allows medium-impact events to be included in the news filter.	If disabled, medium-impact news should be ignored.
Process High Impact News	Allows high-impact events to be included in the news filter.	This is usually enabled because high-impact news can cause fast price movement and slippage.
Process FTMO Restricted Events	Includes restricted news events, such as events restricted by FTMO-style prop firm rules.	Useful for prop firm accounts where trading close to restricted events may break rules.
No Trade X Minutes Before News	Sets how many minutes before a news event the EA should stop opening new trades.	Example: 5 means no new trades should open during the 5 minutes before the news event.
No Trade X Minutes After News	Sets how many minutes after a news event the EA should continue blocking new trades.	Example: 5 means trading can resume 5 minutes after the event, if no other filter is blocking trades.
Close All Trades Before News Event	Controls whether the EA closes open trades before a news event.	If enabled, the EA will close trades before the event using the close timing setting below.
Close Trades X Minutes Before News	Sets how many minutes before news trades should be closed when news closing is enabled.	Example: 5 means open trades should be closed 5 minutes before the event.
Delete Pending Orders Before News	Controls whether pending orders are deleted before news.	Useful because pending orders can be triggered during volatile news movement.
Delete Pending Orders X Minutes Before News	Sets how many minutes before news pending orders should be deleted.	Example: 5 means pending orders are removed 5 minutes before the event.
Remove SL/TP During News and Restore after news	Temporarily removes stop loss and take profit during the news window and restores them afterward.	This can help avoid broker-side execution during unstable conditions, but it must be used carefully because trades are temporarily left without SL/TP protection.
Allow Managing Existing Trades During News	Controls whether trade management functions can continue while new trades are blocked.	If enabled, modules such as trailing stop, break-even, partial close, or emergency close may continue managing existing trades during news.
Send Alert Before News	Sends an alert before an upcoming news event.	Useful so the trader knows why the EA is about to stop trading or take protective action.
Alert X Minutes Before News	Sets how many minutes before the news alert should be sent.	Example: 10 means the EA alerts 10 minutes before the news event.

News Filter examples

- If No Trade X Minutes Before News is 5 and No Trade X Minutes After News is 5, the EA blocks new entries from 5 minutes before the event until 5 minutes after the event.
- If Close All Trades Before News Event is enabled and Close Trades X Minutes Before News is 5, open trades are closed 5 minutes before selected news events.
- If Remove SL/TP During News and Restore after news is enabled, the EA saves the current SL/TP, removes them during the news window, and restores them after the news window ends.

Exit Time Settings

Exit Time Settings are used to close trades at selected days and times. This is useful for avoiding overnight holding, weekend exposure, market rollover, or session-end risk.

Client setting	What it does	Practical guidance
Close trades on Monday	Enables automatic trade closing on Monday.	If enabled, the EA closes trades at the Monday Close Time.
Close trades on Tuesday	Enables automatic trade closing on Tuesday.	If enabled, the EA closes trades at the Tuesday Close Time.
Close trades on Wednesday	Enables automatic trade closing on Wednesday.	If enabled, the EA closes trades at the Wednesday Close Time.
Close trades on Thursday	Enables automatic trade closing on Thursday.	If enabled, the EA closes trades at the Thursday Close Time.
Close trades on Friday	Enables automatic trade closing on Friday.	Commonly used to avoid weekend risk. In the provided settings, Friday closing is enabled by default.
Close trades on Saturday	Enables automatic trade closing on Saturday.	Only relevant if the broker or market provides Saturday trading.
Close trades on Sunday	Enables automatic trade closing on Sunday.	Only relevant if the broker or market provides Sunday trading.
Monday Close Time	The time when trades should be closed on Monday if Monday closing is enabled.	Use HH:MM format, such as 21:45.
Tuesday Close Time	The time when trades should be closed on Tuesday if Tuesday closing is enabled.	Use HH:MM format, such as 21:45.
Wednesday Close Time	The time when trades should be closed on Wednesday if Wednesday closing is enabled.	Use HH:MM format, such as 21:45.
Thursday Close Time	The time when trades should be closed on Thursday if Thursday closing is enabled.	Use HH:MM format, such as 21:45.
Friday Close Time	The time when trades should be closed on Friday if Friday closing is enabled.	Use this to close before market close, broker rollover, or weekend.
Saturday Close Time	The time when trades should be closed on Saturday if Saturday closing is enabled.	Use HH:MM format, such as 21:45.
Sunday Close Time	The time when trades should be closed on Sunday if Sunday closing is enabled.	Use HH:MM format, such as 21:45.

Note: These settings close existing trades. They are different from Trading Time Filter settings, which decide when the EA is allowed to open new trades.

Trading Time Filter Settings

The Trading Time Filter controls when the EA is allowed to open new trades. Each day can be enabled or disabled, and each day can have up to three trading windows.

Client setting	What it does	Practical guidance
Trade on Monday	Allows the EA to open trades on Monday.	If disabled, the EA should not open new trades on Monday.
Trade on Tuesday	Allows the EA to open trades on Tuesday.	If disabled, the EA should not open new trades on Tuesday.
Trade on Wednesday	Allows the EA to open trades on Wednesday.	If disabled, the EA should not open new trades on Wednesday.
Trade on Thursday	Allows the EA to open trades on Thursday.	If disabled, the EA should not open new trades on Thursday.
Trade on Friday	Allows the EA to open trades on Friday.	Some traders disable or shorten Friday trading to avoid weekend risk.
Trade on Saturday	Allows the EA to open trades on Saturday.	Only relevant if the broker or symbol allows Saturday trading.

Trade on Sunday	Allows the EA to open trades on Sunday.	Only relevant if the broker or symbol allows Sunday trading.

Daily trading windows

Each day has up to three Start and End time windows. The EA should only open new trades when the current time is inside one of the active windows for that day.

Client setting	What it does	Practical guidance
Monday Times, Tuesday Times, etc.	Visual labels used to separate each day's time inputs.	These labels help organize the input window. They do not directly change trading logic.
Start 1	The first trading window start time for the selected day.	Example: Monday Start 1 = 08:00 means the first Monday trading window starts at 08:00.
End 1	The first trading window end time for the selected day.	Example: Monday End 1 = 21:45 means the first Monday trading window ends at 21:45.
Start 2	The second trading window start time for the selected day.	Use this if the EA should trade in a second session on the same day.
End 2	The second trading window end time for the selected day.	If Start 2 and End 2 are both 00:00, the second window is normally unused.
Start 3	The third trading window start time for the selected day.	Use this only if a third session is needed.
End 3	The third trading window end time for the selected day.	If Start 3 and End 3 are both 00:00, the third window is normally unused.

Trading Time Filter examples

- If Trade on Monday is enabled and Monday Start 1 is 00:00 with Monday End 1 as 21:45, the EA may open new trades on Monday only between 00:00 and 21:45.
- If Trade on Friday is enabled but Friday End 1 is 16:00, the EA stops opening new trades after 16:00 on Friday.
- If a day is disabled, the EA should not open trades on that day even if time windows are filled in.
- If Start 2/End 2 and Start 3/End 3 are left at 00:00, those extra sessions should normally be treated as unused unless your EA logic treats 00:00 to 00:00 differently.

Break Even Settings

Client setting name	How it works
Enable Breakeven	Turns the break-even feature on or off. When enabled, the EA can move the stop loss to the entry price after the trade moves into profit by the required amount.
Move SL to Breakeven at Pips/Points	Sets how far the trade must move in profit before the stop loss is moved to break even. Example: if this is 5, the trade must move 5 pips/points in profit before the EA moves the stop loss to the entry area.

Trailing Stop Settings

Client setting name	How it works
Trail Stop Loss	Turns the trailing stop feature on or off. When enabled, the EA can move the stop loss as price moves in the trade's favor.
Trailing Mode	Controls how the stop loss trails. Regular Trailing adjusts the stop loss whenever the normal trailing condition is met. Trail in steps moves the stop loss in fixed intervals instead of on every small movement.
Start trailing at (Pips/Points)	Sets how far the trade must move in profit before trailing begins. If this is 0, trailing may start immediately once the trade is in profit and the other trailing rules allow it.
Trailing Type	Controls how the trailing distance is calculated. Trail by the same distance from

	Entry to SL keeps the original stop-loss distance as the trailing distance. Trail by input value uses the custom trailing value entered below.
Trailing value	The custom trailing distance used when the trailing type is set to use an input value. The EA keeps the stop loss this distance behind price as the trade moves in profit.
Trailing steps	Used with step trailing. It sets how much price must move before the EA moves the stop loss again. Larger steps mean fewer stop-loss modifications.

Daily Limit Settings

Client setting name	How it works
Enable Daily Limits	Turns the daily limit protection module on or off. When enabled, the EA can block trading after daily profit, loss, or trade-count limits are reached.
Limit Scope	Controls which trades are included in the daily limit calculations. Only current symbol means the limits apply to the chart symbol and the EA's relevant trades. All account trades means the limits are calculated using the wider account activity.
Enable Maximum Daily Loss Limit	Turns on the daily loss limit. When this limit is hit, the EA blocks new trades for the rest of the daily reset period.
Daily Loss Limit Type	Controls whether the maximum daily loss is treated as a fixed money amount or as a percentage.
Maximum Daily Loss Allowed	The daily loss amount or percentage allowed before the EA stops trading for the day. How this value is interpreted depends on the Daily Loss Limit Type.
Enable Daily Profit Target Limit	Turns on the daily profit target. When this target is reached, the EA can stop trading for the rest of the daily reset period.
Daily Profit Limit Type	Controls whether the daily profit target is treated as a fixed money amount or as a percentage.
Maximum Daily Profit Target	The daily profit amount or percentage that triggers the daily profit stop. How this value is interpreted depends on the Daily Profit Limit Type.
Enable Maximum Trades Per Day Limit	Turns on a limit for the number of trades allowed per day.
Maximum Trades Allowed Per Day	The maximum number of trades allowed during the daily reset period.
Enable Maximum Losing Trades Per Day Limit	Turns on a limit for how many losing trades are allowed in one day.
Maximum Losing Trades Allowed Per Day	The number of losing trades allowed before the EA blocks new trades for the rest of the day.
Enable Maximum Winning Trades Per Day Limit	Turns on a limit for how many winning trades are allowed in one day.
Maximum Winning Trades Allowed Per Day	The number of winning trades allowed before the EA blocks new trades for the rest of the day.
Close Open Trades When Daily Loss Limit Is Hit	If enabled, the EA closes open trades when the daily loss limit is reached. If disabled, the EA only blocks new trades.
Close Open Trades When Daily Profit Target Is Hit	If enabled, the EA closes open trades when the daily profit target is reached. If disabled, the EA only blocks new trades.
Delete Pending Orders When Any Daily Limit Is Hit	If enabled, pending orders are deleted when any daily limit is reached. This helps prevent pending orders from opening new trades after trading has been blocked.
notify_LimitsHit	Sends or prints a notification when a daily limit is reached. This setting had no client-facing comment in the uploaded code, so the input name was used here.

Prop Firm Protection Settings

The Prop Firm Protection module is designed to protect a prop firm account by tracking phase rules, profit targets, drawdown limits, minimum trading days, and consistency rules.

> Important: Drawdown checks should use current equity so floating losses from open trades are included. This is safer for prop firm accounts because a breach can happen before a losing trade is closed.

Client setting name	How it works
Enable Prop Firm Protection	Turns the Prop Firm Protection module on or off. Use this when the account must follow prop firm rules such as profit target, total drawdown, minimum trading days, or consistency.
Prop Firm Phase	Selects the account phase: Challenge Phase, Verification Phase, or Funded Phase. The selected phase determines which profit target, daily loss, and total loss values are used.
Prop Firm Drawdown Type	Selects how the account drawdown limit is calculated. The EA compares the calculated limit against current equity so floating losses are included.
Prop Firm Account Size	The starting account size of the prop firm account. Example: for a $100,000 account, enter 100000. This is used to calculate profit targets and drawdown levels.

Prop Firm Drawdown Type

The drawdown type controls the reference value used to calculate the minimum allowed equity. The actual check compares that level against current equity.

Client setting name	How it works
Floating Drawdown From Starting Account Size	The drawdown limit is calculated from the Prop Firm Account Size. Example: $100,000 account, 10% total loss, 1% buffer means the EA acts at 9% drawdown, so minimum allowed equity is $91,000.
Floating Drawdown From Highest Balance	The drawdown limit is calculated from the highest closed balance reached. This is useful for firms that trail drawdown from closed balance. The EA still checks current equity against that limit.
Floating Drawdown From Highest Equity	The drawdown limit is calculated from the highest equity reached. This is the strictest trailing option because it protects against losses from the highest floating account value.

Challenge, Verification, and Funded Phase Rules

Client setting name	How it works
Challenge Profit Target %	The profit target percentage for the challenge phase. Example: 8 means the EA tracks an 8% profit target. On a $100,000 account, that equals $8,000.
Challenge Maximum Daily Loss %	The prop firm daily loss limit for the challenge phase.
Challenge Maximum Total Loss %	The maximum total account loss allowed during the challenge phase. This is used to calculate the overall drawdown limit.
Verification Profit Target %	The profit target percentage for the verification phase. Example: 5 means the EA tracks a 5% target. On a $100,000 account, that equals $5,000.
Verification Maximum Daily Loss %	The prop firm daily loss limit for the verification phase.
Verification Maximum Total Loss %	The maximum total account loss allowed during the verification phase.
Funded Profit Target %, Usually 0	The profit target used for funded accounts. Usually this is 0 because funded accounts normally focus on protecting the account and reaching payouts, not passing a challenge target.
Funded Maximum Daily Loss %	The prop firm daily loss limit for the funded phase.
Funded Maximum Total Loss %	The maximum total account loss allowed in the funded phase.

Prop Firm Guard Actions

Client setting name	How it works
Track Selected Phase Profit Target	Enables tracking of the profit target for the selected prop firm phase. If enabled and the profit target is reached, the module blocks new trades.
Close Trades When Profit Target Is Reached	Closes all open positions when the selected phase profit target is reached. If disabled, the module blocks new trades but does not close open positions.
Enable Overall Drawdown Protection	Enables total drawdown protection for the whole account. If enabled and equity reaches the protected drawdown level, the module blocks new trades.
Safety Buffer Before Overall Loss Limit %	Makes the EA act before the actual prop firm loss limit is reached. Example: if max total loss is 10% and buffer is 1%, the EA acts at 9% drawdown to leave a safety margin.
Close Trades At Overall Drawdown Limit	Closes all open positions when the overall drawdown protection level is reached. If disabled, it only blocks new trades.
Track Minimum Trading Days	Tracks whether the account has reached the minimum number of trading days required by the prop firm.
Minimum Trading Days Required	Sets the number of trading days required. Example: 5 means the account should have at least 5 trading days.
Track Consistency Rule	Tracks whether one trading day produced too much of the total profit, according to the selected consistency rule.
Maximum Single Day Share Of Total Profit %	Sets the maximum allowed share of total profit that may come from one trading day. Example: 40 means one day should not contribute more than 40% of total profit.
Prop Guard State File	The terminal-local file used to save important Prop Firm Protection state, such as highest balance or equity, so the EA can recover after restart.

Prop Firm Protection examples

Challenge account with static drawdown: If the account size is $100,000, the profit target is 8%, the maximum total loss is 10%, and the buffer is 1%, the EA tracks an $8,000 profit target and protects the account at 9% drawdown.

Profit target reached: If Track Selected Phase Profit Target is enabled and the account reaches the target, new trades are blocked. If Close Trades When Profit Target Is Reached is enabled, open positions are also closed.

Overall drawdown reached: If Enable Overall Drawdown Protection is enabled and equity reaches the protected drawdown level, new trades are blocked. If Close Trades At Overall Drawdown Limit is enabled, open positions are also closed.

Trailing drawdown from highest equity: If the account starts at $100,000 and highest equity reaches $108,000, the drawdown reference becomes $108,000. With 10% max loss and 1% buffer, the EA acts at 9% below $108,000.

Suggested starting settings for Prop Firm Protection

Setting	Suggested value	Reason
Prop Firm Drawdown Type	Floating Drawdown From Starting Account Size	Use this for most static drawdown challenges.
Safety Buffer Before Overall Loss Limit %	0.5 to 1.0	A buffer helps avoid accidental breaches from spread, slippage, or fast price movement.
Close Trades At Overall Drawdown Limit	true	Closes exposure before the account breaches the protected level.
Track Selected Phase Profit Target	true for challenges	Helps stop overtrading after the target has been reached.
Funded Profit Target %, Usually 0	0	Funded accounts usually focus on protecting equity rather than passing a

		target.

Exit Time Settings

Exit Time Settings are used to close trades at selected days and times. This is useful for avoiding overnight holding, weekend exposure, market rollover, or session-end risk.

Client setting	What it does	Practical guidance
Close trades on Monday	Enables automatic trade closing on Monday.	If enabled, the EA closes trades at the Monday Close Time.
Close trades on Tuesday	Enables automatic trade closing on Tuesday.	If enabled, the EA closes trades at the Tuesday Close Time.
Close trades on Wednesday	Enables automatic trade closing on Wednesday.	If enabled, the EA closes trades at the Wednesday Close Time.
Close trades on Thursday	Enables automatic trade closing on Thursday.	If enabled, the EA closes trades at the Thursday Close Time.
Close trades on Friday	Enables automatic trade closing on Friday.	Commonly used to avoid weekend risk. In the provided settings, Friday closing is enabled by default.
Close trades on Saturday	Enables automatic trade closing on Saturday.	Only relevant if the broker or market provides Saturday trading.
Close trades on Sunday	Enables automatic trade closing on Sunday.	Only relevant if the broker or market provides Sunday trading.
Monday Close Time	The time when trades should be closed on Monday if Monday closing is enabled.	Use HH:MM format, such as 21:45.
Tuesday Close Time	The time when trades should be closed on Tuesday if Tuesday closing is enabled.	Use HH:MM format, such as 21:45.
Wednesday Close Time	The time when trades should be closed on Wednesday if Wednesday closing is enabled.	Use HH:MM format, such as 21:45.
Thursday Close Time	The time when trades should be closed on Thursday if Thursday closing is enabled.	Use HH:MM format, such as 21:45.
Friday Close Time	The time when trades should be closed on Friday if Friday closing is enabled.	Use this to close before market close, broker rollover, or weekend.
Saturday Close Time	The time when trades should be closed on Saturday if Saturday closing is enabled.	Use HH:MM format, such as 21:45.
Sunday Close Time	The time when trades should be closed on Sunday if Sunday closing is enabled.	Use HH:MM format, such as 21:45.

Note: These settings close existing trades. They are different from Trading Time Filter settings, which decide when the EA is allowed to open new trades.

Hedging Settings

Client setting name	How it works
Enable Hedging	Turns the hedging module on or off. When enabled, the EA can open a hedge trade when an original trade moves into loss by the configured amount.
Hedge when original trade is Points/Pips in loss	Sets how far the original trade must move against the entry before a hedge trade is opened.

Hedge lot = original lot * multiplier	Controls the hedge trade lot size. The hedge lot is calculated by multiplying the original trade lot by this multiplier.
Maximum hedge lot	The largest lot size the hedge module is allowed to open.
Minimum hedge lot	The smallest lot size the hedge module is allowed to open.
Close hedge only at hedge profit target	If enabled, the EA can close only the hedge trade when the hedge reaches its own profit target.
Close hedge only at this profit	The profit amount, in account currency, where the hedge trade can be closed by itself.
Close original + hedge at combined net profit	If enabled, the EA can close the original trade and hedge trade together when their combined profit reaches the target.
Close original + hedge at this combined profit	The combined profit amount, in account currency, where the EA closes both the original trade and the hedge trade.
Block new hedge during news	If enabled, the EA will not open new hedge trades during news-filter restricted periods.

Add To Winners Settings

Client setting name	How it works
Enable Add To Winners	Turns the Add To Winners module on or off. When enabled, the EA can add extra trades when the original trade is already moving in the desired direction.
Maximum Add-On Trades, Excluding Original Trade	Sets the maximum number of additional trades the EA can open after the original trade. The original trade is not counted.
Add-On Trade Direction Mode	Controls whether the add-on trades are opened in the same direction as the original trade or in the opposite direction.
Add-On Spacing Method	Controls how the distance between add-on trades is calculated. ATR-based spacing uses market volatility. Fixed spacing uses a set number of points/pips.
ATR Period For Add-On Spacing	Sets the ATR period used when ATR-based spacing is selected. Higher values make the ATR smoother; lower values react faster to recent volatility.
ATR Multiplier For Add-On Spacing	Multiplies the ATR value to calculate the spacing distance. A larger multiplier means add-on trades are spaced farther apart.
Fixed Add-On Spacing In Points/Pips	Sets the fixed distance price must move before another add-on trade is opened when fixed spacing is selected.
Add-On Volume Calculation Method	Controls how the lot size of add-on trades is calculated. It can use the same lot as the original trade or a custom lot size.
Custom Lot Size For Add-On Trades	The lot size used for add-on trades when the custom lot-size method is selected.
Add-On Lot Multiplier For Each New Winning Trade	Multiplies the lot size for each new add-on trade. Example: if the base lot is 0.10 and the multiplier is 2, the next add-on sizes may increase as 0.20, 0.40, and so on depending on the code logic.
Maximum Lot Size Allowed For A Single Add-On Trade	Caps the lot size of any single add-on trade.
Maximum Total Lot Size Allowed For The Whole Add-On Basket	Caps the combined lot size of the original and add-on basket. This helps reduce overexposure.
Close Add-On Basket At Profit Target	If enabled, the EA closes the add-on basket when the basket reaches the profit target.
Add-On Basket Take Profit In Account Currency	The account-currency profit target for closing the add-on basket.
Close Add-On Basket At Loss Limit	If enabled, the EA closes the add-on basket when the basket reaches the loss limit.
Add-On Basket Stop Loss In Account Currency	The account-currency loss amount where the add-on basket will be closed.
Minimum Seconds Between Add-On Trades	The minimum waiting time between opening add-on trades. This prevents the EA from adding trades too quickly.
Allow Only One Add-On Trade Per Candle	If enabled, the EA opens no more than one add-on trade on the same candle.
Use Spread Filter For Add-On Entries	If enabled, the EA checks the spread before opening add-on trades.
Maximum Spread Allowed For	The highest spread allowed before the EA blocks a new add-on entry.

Add-On Entry	
Only Add Winning Trades If Original Trade Still Exists	If enabled, the EA only opens add-on trades while the original trade is still open.

Partial Closing

Client setting name	How it works
If Partial lot is less than the allowed minimum, close the minimum lot instead	If enabled, the EA will close the broker's minimum lot size when the calculated partial close amount is too small. If disabled, the EA may skip the partial close if the calculated amount is below the broker minimum.
Closing Lot Method	Controls how the partial close volume is calculated. It can close a percentage of the initial volume or a specific lot size.
Distance Method	Controls how the partial close trigger distance is calculated. It can use a percentage-based distance or a specific pips/points distance.
Partial Profit Closing	This is a visual separator for the profit-side partial close settings.
Partially Close TP1	Turns on the first profit-side partial close level.
Closing distance TP1	The distance where TP1 partial closing is triggered.
Closing Volume TP1	The amount of the trade to close at TP1. This is interpreted based on the Closing Lot Method.
Partially Close TP2	Turns on the second profit-side partial close level.
Closing distance TP2	The distance where TP2 partial closing is triggered.
Closing Volume TP2	The amount of the trade to close at TP2. This is interpreted based on the Closing Lot Method.
Partially Close TP3	Turns on the third profit-side partial close level.
Closing distance TP3	The distance where TP3 partial closing is triggered.
Closing Volume TP3	The amount of the trade to close at TP3. This is interpreted based on the Closing Lot Method.
Partially Close TP4	Turns on the fourth profit-side partial close level.
Closing distance TP4	The distance where TP4 partial closing is triggered.
Closing Volume TP4	The amount of the trade to close at TP4. This is interpreted based on the Closing Lot Method.
Partially Close SL1	Turns on the first loss-side partial close level.
Closing distance SL1	The distance where SL1 partial closing is triggered.
Closing Volume SL1	The amount of the trade to close at SL1. This is interpreted based on the Closing Lot Method.
Partially Close SL2	Turns on the second loss-side partial close level.
Closing distance SL2	The distance where SL2 partial closing is triggered.
Closing Volume SL2	The amount of the trade to close at SL2. This is interpreted based on the Closing Lot Method.
Partially Close SL3	Turns on the third loss-side partial close level.
Closing distance SL3	The distance where SL3 partial closing is triggered.
Closing Volume SL3	The amount of the trade to close at SL3. This is interpreted based on the Closing Lot Method.
Partially Close SL4	Turns on the fourth loss-side partial close level.
Closing distance SL4	The distance where SL4 partial closing is triggered.
Closing Volume SL4	The amount of the trade to close at SL4. This is interpreted based on the Closing Lot Method.

Basket TP/SL Settings

Client setting name	How it works
Enable Basket TP/SL Closing	Turns the basket close module on or off. When enabled, the EA can close a group of trades when their combined profit or loss reaches the basket target.
Basket Scope	Controls which trades are included in the basket. Current Symbol Only uses the current chart symbol and the EA magic numbers. All Symbols And All Trades includes all open trades, including manual trades and other EAs.
Basket Trade Direction	Controls whether the basket includes buy trades, sell trades, or both.

Manage Buy And Sell Baskets Separately	If enabled, buy trades and sell trades are calculated as separate baskets. If disabled, buy and sell trades are combined into one basket.
Basket TP/SL Limit Type	Controls whether the basket take profit and stop loss values are interpreted as account-currency amounts or as percentages of account balance.
Enable Basket Take Profit	Turns on the basket profit target. When the basket reaches this profit, the EA closes trades according to the close action.
Basket Take Profit Value	The basket profit target. It is either account currency or a percentage, depending on the Basket TP/SL Limit Type.
Enable Basket Stop Loss	Turns on the basket loss limit. When the basket reaches this loss, the EA closes trades according to the close action.
Basket Stop Loss Value	The basket loss limit. It is either account currency or a percentage, depending on the Basket TP/SL Limit Type.
Basket Close Action	Controls what the EA closes when the basket target is reached. It can close all basket trades, only profitable trades, or only losing trades.
Delete Pending Orders When Basket Closes	If enabled, pending orders in the selected basket scope are deleted after a basket close is triggered.
Send Alert When Basket Closes	If enabled, the EA sends an alert when a basket close action is triggered.

Gridding Settings

The Gridding module adds extra trades when the market moves a selected distance from the previous basket trade. It can manage a group of related trades as one basket using spacing, lot sizing, maximum trade limits, basket profit targets, and safety filters.

Important: Grid trading can increase risk because it can open multiple trades as the market moves. Use conservative lot sizes, test settings on demo first, and always set sensible protection limits.

Client setting name	How it works
Enable Gridding	Turns the gridding module on or off. When disabled, the EA will not open additional grid trades.
Maximum Grid Trades	Sets how many extra grid trades can be opened after the original trade. For example, 4 means up to 4 extra grid trades can be opened in addition to the original trade.
Grid Trade Direction Mode	Chooses whether extra grid trades open in the same direction as the original trade or in the opposite direction. Same direction means an original BUY can open more BUY trades. Opposite direction means an original BUY can open SELL grid trades.
Grid Spacing Method	Chooses how the distance between grid trades is calculated. ATR spacing adjusts with market volatility. Fixed spacing uses a constant point/pip distance.
ATR Period	Sets the ATR calculation period when ATR spacing is selected. A common value is 14. Higher values make the ATR smoother.
ATR Multiplier	Multiplies the ATR value to create the grid distance. Example: if ATR is 100 points and the multiplier is 2.5, the spacing becomes 250 points.
Fixed Grid Spacing In Points/Pips	Sets a fixed distance between grid trades when fixed spacing is selected. Example: 100 means the EA waits for 100 points/pips according to the EA configuration.
Grid Volume Calculation Method	Chooses whether grid trades use the original trade lot size or a custom lot size as the base.
Custom Lot Size	Sets the base lot size for grid trades when custom volume is selected. Example: 0.10 means the grid starts from 0.10 lots before applying the multiplier.
Grid Lot Multiplier For Each New Grid Trade	Multiplies the lot size for each new grid trade. If the base lot is 0.10 and the multiplier is 2.0, grid lots may become 0.20, 0.40, 0.80, and so on. If set to 1.0, grid trades use the same base lot.

Maximum Lot Size Allowed For A Single Grid Trade	Limits the lot size of any one grid trade. If the calculated lot is larger than this value, the EA should cap it at this limit.
Maximum Total Lot Size Allowed For The Whole Grid Basket	Limits the total exposure of the original trade plus all linked grid trades. This is an important safety setting to stop the basket from becoming too large.
Close Grid Basket At Profit Target	Enables closing the basket when the combined basket profit reaches the target.
Basket Take Profit In Account Currency	Sets the account-currency profit target for closing the basket. Example: 10.00 means close the basket when the combined profit reaches 10 in the account currency.
Close Grid Basket At Loss Limit	Enables closing the basket when the combined basket loss reaches the loss limit.
Basket Stop Loss In Account Currency	Sets the account-currency loss amount where the basket should be closed. Example: 100.00 means close the basket if the combined loss reaches -100 in the account currency.
Minimum Seconds Between Grid Trades	Forces the EA to wait before opening another grid trade. Example: 60 means at least 60 seconds must pass between grid entries.
Allow Only One Grid Trade Per Candle	Allows only one grid trade on the current candle. This helps prevent many grid trades from opening during fast market spikes.
Use Spread Filter For Grid Entries	Prevents grid trades from opening when the spread is too high. This is useful during rollover, news, or poor liquidity.
Maximum Spread Allowed For Grid Entry	Sets the maximum spread allowed before a grid trade can open. If the current spread is higher than this value, the grid trade is blocked.
Only Add Grid Trades If Original Trade Still Exists	Controls whether grid trades should only be added while the original trade still exists. This is usually recommended so the grid does not continue without its original trade.
Grid Records File Name	The terminal-local text file used to save original ticket and grid ticket relationships. This helps the EA recover basket links after MT5 restarts.

Grid lot multiplication example

Multiplier 1.0: Additional grid trades keep the same base lot size.

Multiplier 2.0: If the base lot is 0.10, grid trades may increase to 0.20, 0.40, 0.80, and so on, depending on the code formula and maximum lot limits.

Suggested starting settings for Gridding

Setting	Suggested value	Reason
Enable Gridding	false until tested	Grid trading should only be enabled when the client understands the risk.
Maximum Grid Trades	3 to 5	Keeps the basket from growing too large.
Grid Spacing Method	ATR	ATR adjusts spacing to market volatility.
Grid Lot Multiplier	1.0 to 1.5	Lower multipliers reduce aggressive lot growth.
Use Spread Filter For Grid Entries	true	Avoids poor execution in high-spread conditions.
Only Add Grid Trades If Original Trade Still Exists	true	Prevents the grid from continuing without its original trade.

Martingale Settings

The Martingale module controls whether the EA should increase lot size after losing trades. The settings decide when the sequence starts, how many steps it can increase, whether early exits are counted, and how lot size resets after winning trades.

Important: Martingale increases trade size after losses. This can recover losses faster, but it can also increase drawdown quickly. Use conservative settings and test on demo first.

Client setting name	How it works
Use MartinGale	Turns the Martingale module on or off. When disabled, the EA will not increase lot size using Martingale logic.
Consider premature Exits	Decides whether trades closed without hitting TP or SL should still affect the Martingale sequence. Examples include trades closed by session end, manual close, news filter, closing time, or basket close.
Restart Sequence when EA restarts	Controls what happens to the Martingale sequence when the EA or MT5 terminal restarts. If enabled, the sequence starts again from the first step after restart. If disabled, the EA should continue the existing sequence where the class logic supports it.
Maximum Martingale Steps	Sets the maximum number of times the EA is allowed to increase lot size in one Martingale sequence.
Martingale Type	Selects how the EA decides when to increase lot size. Sample based uses a group of trades. Trade based reacts after a selected number of losing trades.
Sample based	The EA evaluates a group of trades as one sample. The result of that sample is used to decide the Martingale sequence.
Trade based	The EA increases the Martingale step based on losing trades or after every selected number of losses. This is the more common Martingale style.
Number of trades per sample	Used only when Martingale Type is set to Sample based. It tells the EA how many trades make up one sample.
Reset after Win = true, reverse to Previous = false	Controls what happens after a winning trade. If true, the EA resets the sequence back to the starting lot. If false, the EA steps back to the previous Martingale level instead of fully resetting.
Martigale Factor	The multiplier used to increase lot size during the Martingale sequence. Example: if the base lot is 0.10 and the factor is 2, the next levels may become 0.20, 0.40, and 0.80, subject to the maximum step limit.
Martingale after every X loses (For Trade Based)	Used only when Martingale Type is set to Trade based. It controls how many losses must happen before the EA increases the Martingale step.
_	This is only a visual separator in the EA inputs. It does not affect trading logic.

Simple Martingale examples

Conservative use: Enable Martingale with 1 to 2 maximum steps and a smaller factor such as 1.2 to 1.5. This keeps lot growth slower.

Aggressive use: Using 3 or more steps with a factor of 2.0 can grow lot sizes very quickly. This can recover losses faster but can also increase drawdown sharply.

Premature exits: If Consider premature Exits is enabled, a trade closed by time filter, manual close, news filter, or basket close may still affect the Martingale sequence.

Suggested starting settings for Martingale

Setting	Suggested value	Reason
Use MartinGale	false until tested	Normal fixed-risk trading is safer for

		most clients.
Consider premature Exits	false for strict TP/SL logic	Use true only when time/session/manual exits should count in the sequence.
Maximum Martingale Steps	1 to 3	Limits how far the sequence can increase.
Martingale Type	Trade based for simple behavior	Trade based is easier for most clients to understand.
Martigale Factor	1.2 to 2.0	Choose based on risk appetite and account size.
Martingale after every X loses	1 for classic Martingale	Higher values make escalation slower.

Tellegram Module

This module doesn’t have specific input because it is meant to be customized based on the clients’ needs