

MASTER TRADE MANAGER Version 2.77

User Manual

MetaTrader 5 | MQL5

A comprehensive trading panel for professional order management, risk control, and real-time trade visualization on MetaTrader 5.

<https://www.mql5.com/en/market/product/171909>

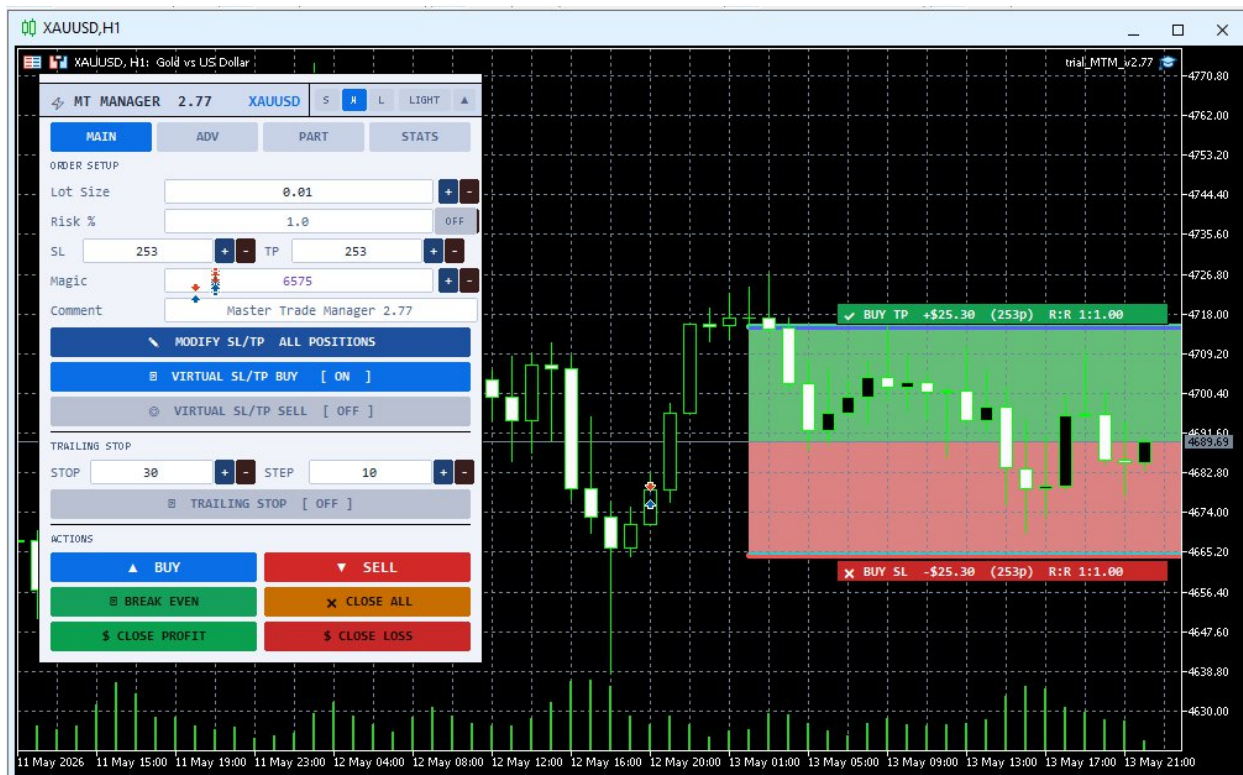
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1. Overview & Key Features

Master Trade Manager v2.77 (MTM) is a full-featured trading panel indicator for MetaTrader 5. It gives traders a powerful, all-in-one interface for order execution, risk management, position monitoring, and visual trade planning — all without leaving the chart.

The panel is organized into four tabs: MAIN, ADV (Advanced), PART (Partial/Multi-TP), and STATS. It supports drag-and-drop SL/TP lines, virtual pending orders, ATR-based SL/TP calculation, a Daily Limit Guard, Multi TP automation, four color themes, three panel sizes, and real-time statistics — making it suitable for scalpers, day traders, and swing traders alike.



Feature Summary

Category	Feature	Tab
Order Execution	Market BUY / SELL with lot, SL, TP	MAIN
Order Execution	Pending Buy/Sell Limit/Stop orders	ADV
Risk Management	Risk % auto-lot calculator	MAIN
Risk Management	Daily Max Loss / Max Profit Guard	PART
Visualization	Virtual SL/TP lines for BUY & SELL	MAIN
Visualization	Virtual Pending order lines	ADV

Category	Feature	Tab
Visualization	Zone shading (green TP, red SL)	MAIN/ADV
Visualization	R:R labels with \$ amounts on chart	MAIN/ADV
Automation	Trailing Stop with step control	MAIN
Automation	Auto Break Even with offset	ADV
Automation	ATR-based SL/TP calculation	ADV
Position Management	Close All / Close Profit / Close Loss	MAIN
Position Management	Partial Close (preset or custom %)	PART
Position Management	Multi TP — 3 levels with % allocation	PART
Position Management	Modify SL/TP for all open positions	MAIN
Statistics	R:R Ratio with color band	STATS
Statistics	Daily P&L (closed + floating)	STATS
Statistics	Balance, Equity, Free Margin	STATS
Statistics	Spread indicator with color alert	STATS
UX	Drag-and-drop SL/TP lines	MAIN/ADV
UX	4 Themes: Dark, Light, Blue, Matrix	All tabs
UX	3 Panel sizes: S / M / L	All tabs
UX	Minimize to header bar	All tabs
UX	Sound alerts for all major events	All tabs

2. Installation & Setup

System Requirements


Requirement	Details
Platform	MetaTrader 5 (MT5) — any broker
Build	MT5 build 2755 or newer recommended
File format	MQL5 Expert Advisor — compiled as .ex5
Attach as	Indicator on any chart symbol and timeframe

Installation Steps

1. Open MetaTrader 5 and navigate to File → Open Data Folder.
2. If free version -> Copy the file trial_MTM_v2_77.ex5 into the MQL5\Experts folder (or MQL5\Experts\Advisors).
3. If paid version > Purchase product then download and automatically installed.
4. Open any chart (e.g. XAUUSD, EURUSD) on your desired timeframe.
5. Drag the compiled EA from the Navigator panel onto the chart.
6. In the Input Parameters dialog, set your preferred default Magic Number and Slippage, then click OK.
7. The panel will appear in the top-left corner of the chart. You can drag it anywhere using the header bar.

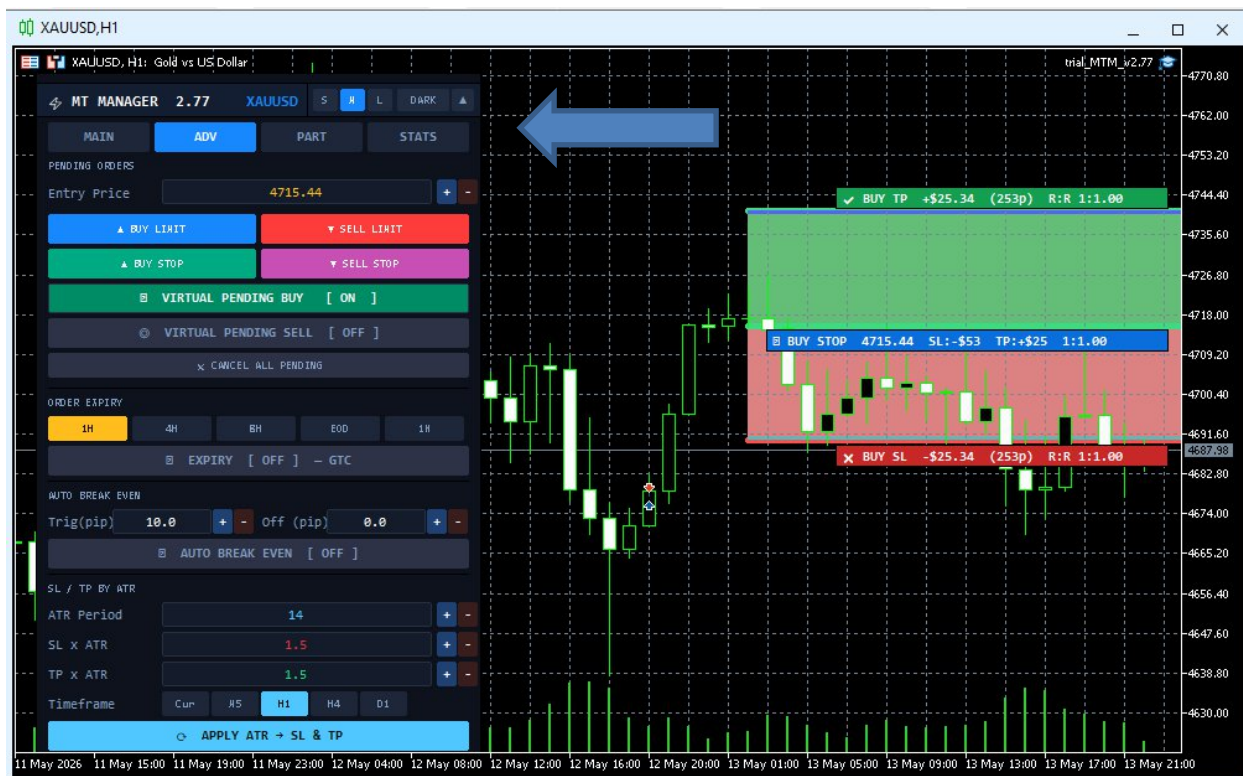
Input Parameters (on Attach)

Parameter	Description
InpSlippage	Maximum allowed slippage in points when executing market orders. Default: 1000. Increase for volatile or illiquid instruments.
InpMagicInit	Default Magic Number assigned to all trades placed by the panel. Default: 6575. Can be changed per-session inside the panel (MAIN tab).
InpSoundOn	Enable or disable all sound alerts globally. Default: true. Individual alert types can still be toggled via the source code if needed.

 **NOTE:** After the panel loads, all parameters (lot, SL, TP, magic, etc.) can be changed live from within the panel itself. You do not need to re-attach the EA to change these values.

3. Panel Layout & Navigation

The Master Trade Manager panel consists of a fixed header area at the top and a content area below it. The content area changes based on the active tab.




Header Area (always visible)

Element	Description
⚡ MT MANAGER 2.77	Title of the panel. The header area also acts as the drag handle — click and drag here to reposition the panel on the chart.
Symbol label	Shows the current chart symbol (e.g. XAUUSD) in blue text.
S / M / L buttons	Panel size selector. S = Small (280px wide), M = Medium (360px), L = Large (460px). The active size is highlighted in the accent color.
Theme button	Cycles through the four color themes: DARK → LIGHT → BLUE → MATRIX. Displays the name of the currently active theme.
▲ / ▼ button	Minimizes or restores the panel. When minimized, only the header bar is visible.

Tab Navigation

Below the header, four tabs provide access to the different sections of the panel:

Tab	Label	Contents
Tab 1	MAIN	Order setup, Virtual SL/TP, Trailing Stop, trade action buttons (BUY, SELL, Close, Break Even).
Tab 2	ADV	Pending orders, Virtual Pending lines, Auto Break Even, ATR-based SL/TP.
Tab 3	PART	Partial Close, Multi TP (3 levels), Daily Limit Guard, Today's Status.
Tab 4	STATS	R:R Ratio, Daily P&L breakdown, Account statistics, Open position summary.

 **NOTE:** Clicking a tab immediately rebuilds the panel content for that tab. Virtual SL/TP lines and zones on the chart are preserved when switching tabs.

4. Global Input Parameters

These parameters are set when attaching the panel to a chart. They define the initial/default behavior and cannot be changed from within the panel UI after attachment (except Magic Number, which can be edited live in the MAIN tab).

Parameter	Details
InpSlippage (points)	Controls the maximum deviation between the requested and executed price for market orders. Setting it too low may cause order rejections during fast markets. Setting it too high increases risk of bad fills. Typical range: 500–3000 points depending on broker and instrument.
InpMagicInit (integer)	The starting magic number used to tag all trades placed by the panel. This allows the panel's trailing stop, break even, and close functions to identify which trades belong to it. If you run multiple instances of the panel on different charts, use different magic numbers for each instance to avoid conflicts.
InpSoundOn (true/false)	Master switch for all sound alerts. When false, no sounds are played regardless of events. When true, sounds fire for: position opened, position closed, pending order placed, break even triggered, trailing stop moved, and daily limit reached.

5. Tab 1: MAIN — Order Setup & Execution

The MAIN tab is the primary workspace for placing trades. It is divided into three sections: ORDER SETUP, TRAILING STOP, and ACTIONS.

5.1 Lot Size & Risk Per Trade

Lot Size Field

The Lot Size field (labeled Lot Size) sets the trade volume in lots for the next market order. You can enter a value directly by clicking the field, or use the + / – stepper buttons to increment/decrement by 0.01.

Element	Description
Lot Size input	Editable field. Accepts decimal values (e.g. 0.01, 0.10, 1.00). Minimum lot is broker-defined.
+ / – steppers	Increment or decrement the lot size by 0.01 per click.

Risk % (Auto-Lot Calculator)

The Risk % row allows the panel to automatically calculate the lot size based on a percentage of your account balance and the current Stop Loss distance. When the Risk Mode is active, the manually entered Lot Size is overridden by the calculated value.

Element	Description
Risk % input	The percentage of account balance to risk on this trade. For example, 1.0 = 1%. Editable directly or via steppers.
+ / – steppers	Adjust Risk % by 0.1 per click.
OFF / ON toggle	Toggles Risk Mode on or off. When ON (highlighted in gold/yellow), the lot size is automatically calculated from the formula: $\text{Lot} = (\text{Balance} \times \text{Risk}\%) \div (\text{SL in pips} \times \text{Pip Value})$. When OFF, the manually set Lot Size is used.


Formula: $\text{Lot} = (\text{Account Balance} \times \text{Risk \%} / 100) \div (\text{SL_pips} \times \text{pip_value_per_lot})$

⚠ WARNING: If Risk Mode is ON but SL is set to 0, the auto-lot calculation cannot be performed and may produce an unexpected lot value. Always ensure $\text{SL} > 0$ when using Risk Mode.

5.2 Stop Loss & Take Profit

The SL (Stop Loss) and TP (Take Profit) fields appear side-by-side in a split-row layout. Values are entered in pips (1 pip = 10 points for 5-digit brokers).

Element	Description
SL field	Distance in pips from entry price for the Stop Loss. BUY: SL is placed below entry. SELL: SL is placed above entry.
TP field	Distance in pips from entry price for the Take Profit. BUY: TP is placed above entry. SELL: TP is placed below entry.
+ / - (SL)	Increment/decrement SL by 1 pip per click.
+ / - (TP)	Increment/decrement TP by 1 pip per click.

 **NOTE:** Setting SL or TP to 0 places the order without a Stop Loss or Take Profit. This is valid but not recommended for risk management purposes.


5.3 Magic Number & Comment

Element	Description
Magic input	Editable integer field. The Magic Number is embedded in every trade placed by the panel. It is used to identify panel trades for trailing stop, break even, and close functions. Change this before placing trades if running multiple panel instances simultaneously.
+ / - steppers	Increment/decrement Magic Number by 1.
Comment input	Free-text comment attached to every order placed. Defaults to 'Master Trade Manager 2.77'. Useful for filtering orders in the Trade History tab.

5.4 Modify SL/TP — All Positions

The MODIFY SL/TP ALL POSITIONS button applies the current SL and TP values (in pips) to all open positions filtered by the current Magic Number. This is a bulk-modify operation.


Behavior	Details
Scope	Only positions matching the panel's current Magic Number are modified.
SL recalculation	For each BUY position, the new SL price = entry_price - SL_pips. For each SELL, new SL price = entry_price + SL_pips.
TP recalculation	For each BUY position, the new TP price = entry_price + TP_pips. For each SELL, new TP price = entry_price - TP_pips.
Sound	A confirmation sound plays after modification.

 **WARNING:** This operation modifies all matching open positions immediately. There is no undo. Review your SL and TP values carefully before clicking.

5.5 Virtual SL/TP — BUY

The VIRTUAL SL/TP BUY button toggles a visual planning mode for BUY trades. When enabled, the panel draws horizontal lines on the chart representing where the SL and TP would be placed for a hypothetical BUY trade at the current Ask price.


Visual Element	Description
SL line (BUY)	A red dashed horizontal line below the Ask price, at a distance equal to the current SL pips.
TP line (BUY)	A green dashed horizontal line above the Ask price, at a distance equal to the current TP pips.
Red shading zone	Semi-transparent red rectangle from Ask down to the SL line, visualizing the risk area.
Green shading zone	Semi-transparent green rectangle from Ask up to the TP line, visualizing the reward area.
SL label	A colored box on the right edge of the SL line showing: entry label, estimated loss in USD, and R:R.
TP label	A colored box on the right edge of the TP line showing: entry label, estimated profit in USD, and R:R.
Drag support	The SL and TP lines can be dragged up/down with the mouse. Dragging automatically updates the SL/TP pip values in the panel fields.

 **NOTE:** Virtual SL/TP lines are planning tools only. They do NOT place any orders. To place the actual trade, click the BUY button. The panel will then use the current SL/TP pip values.

5.6 Virtual SL/TP — SELL

The VIRTUAL SL/TP SELL button works identically to the BUY virtual mode, but calculates levels relative to the current Bid price for a hypothetical SELL trade.

Visual Element	Description
SL line (SELL)	A red dashed line above the Bid price (SL pips above entry for a SELL).
TP line (SELL)	A green dashed line below the Bid price (TP pips below entry for a SELL).
Shading zones	Same red (risk) and green (reward) shading as the BUY mode, but oriented for the SELL direction.
Drag support	Fully draggable, same as BUY virtual lines.

 **NOTE:** BUY and SELL Virtual SL/TP can both be active simultaneously, allowing you to plan both sides of the market at once.

5.7 Trailing Stop

The Trailing Stop section lets you activate an automated trailing stop mechanism that moves the SL of open positions as the market moves in your favor.

Field	Description
STOP (pips)	The trailing stop distance in pips. The SL will be maintained at this distance behind the current market price as long as trailing is active. Uses + / – steppers.
STEP (pips)	The minimum number of pips the price must move in your favor before the SL is adjusted. This prevents excessive SL updates on small fluctuations. Uses + / – steppers.
TRAILING STOP [OFF/ON] button	Toggles trailing stop on or off. When ON, the button turns purple and shows [ON] in the label. When OFF, the button is dimmed and shows [OFF]. The state persists as long as the panel is attached to the chart.

How it works: On every tick, if Trailing Stop is ON, the panel scans all positions matching the Magic Number. For each position in profit by at least STOP pips, it checks if the current SL is more than STEP pips away from the trailing position. If so, it moves the SL to be exactly STOP pips behind the current price.

⚠ WARNING: Trailing Stop operates on live tick data. It will NOT work if MT5 is not running or if the chart is not open. It is not a server-side function.

5.8 Action Buttons

The ACTIONS section at the bottom of the MAIN tab provides six trade execution buttons:

Button	Action
▲ BUY	Places a market BUY order using the current Lot (or auto-lot if Risk Mode is ON), with the specified SL and TP in pips. Magic Number and Comment are applied automatically.
▼ SELL	Places a market SELL order using the same parameters as BUY but in the opposite direction.
◆ BREAK EVEN	Moves the SL of all profitable positions (matching Magic Number) to their respective entry price (break even). An optional positive offset can be applied via the ADV tab to lock in a small profit.
✕ CLOSE ALL	Immediately closes all open positions matching the current Magic Number, regardless of profit or loss.
\$ CLOSE PROFIT	Closes only the positions that are currently in profit (floating profit > 0), filtered by Magic Number.
\$ CLOSE LOSS	Closes only the positions that are currently at a loss (floating loss < 0), filtered by Magic Number.


6. Tab 2: ADV — Advanced Tools

The Advanced tab contains tools for pending order placement, virtual pending visualization, automated break even, and ATR-based SL/TP calculation.

6.1 Pending Orders

The PENDING ORDERS section allows you to place all four standard pending order types directly from the panel.

Field / Button	Description
Entry Price field	The price at which the pending order will be placed. Defaults to the current Bid price. You can type a custom price, use the stepper, or drag the Virtual Pending line on the chart to set this value.
+ / – steppers (Price)	Adjust the Entry Price by 1 pip per click.
Expire (hrs) field	Sets an expiry time for the pending order in hours from now. For example, 1 means the order expires in 1 hour if not triggered.
Expire toggle (OFF/ON)	When ON, the order is placed with the expiry time set. When OFF, the order is Good Till Cancelled (GTC) — no expiry.
BUY LIMIT	Places a Buy Limit order at the Entry Price (expect price to fall to this level, then reverse upward).
SELL LIMIT	Places a Sell Limit order at the Entry Price (expect price to rise to this level, then reverse downward).
BUY STOP	Places a Buy Stop order at the Entry Price (expect price to break above this level and continue rising).
SELL STOP	Places a Sell Stop order at the Entry Price (expect price to break below this level and continue falling).
CANCEL ALL PENDING	Cancels all pending orders for the current symbol matching the panel's Magic Number.

 **NOTE:** SL and TP for pending orders are taken from the current SL and TP values in the MAIN tab. Set your desired SL and TP before placing a pending order.

6.2 Virtual Pending Orders

Virtual Pending is a unique planning mode that places a single dynamic horizontal line on the chart for each direction (BUY and SELL). The line automatically identifies its order type based on its position relative to the current market price.

VIRTUAL PENDING BUY

When activated, a single line appears on the chart for the BUY side. Its type changes automatically:

Position of Line	Order Type Shown
Above current Ask price	BUY STOP (↗)
Below current Ask price	BUY LIMIT (↗)

The label on the line shows: order type, exact price, estimated loss in USD (−\$), estimated profit in USD (+\$), and the R:R ratio.

VIRTUAL PENDING SELL

When activated, a single line appears for the SELL side. Its type changes automatically:

Position of Line	Order Type Shown
Above current Bid price	SELL LIMIT (↘)
Below current Bid price	SELL STOP (↘)

Integration with Virtual SL/TP


When both Virtual Pending and Virtual SL/TP are active simultaneously, the SL and TP visualization lines use the pending order price as the reference entry point instead of the current market price. This allows you to accurately plan the risk and reward of a pending order before it is placed.

Example: You set a BUY STOP virtual pending line at 2000.00. With Virtual SL/TP BUY also ON, the SL line is drawn SL_pips below 2000.00 and the TP line is drawn TP_pips above 2000.00 — giving an accurate visual preview of the trade.

Dragging Virtual Pending Lines

Virtual Pending lines support the same drag-and-drop system as Virtual SL/TP lines. Click and hold the mouse near the line (within 6 pixels), then drag to a new price level. On mouse release, the panel automatically:

- Updates the g_PendingPrice (Entry Price) field in the PENDING ORDERS section.
- Recalculates and redraws all associated SL/TP virtual lines.
- Updates the R:R label with new dollar amounts.


 **NOTE:** The Virtual Pending lines are visual planning tools. To actually place the pending order, use the BUY LIMIT / BUY STOP / SELL LIMIT / SELL STOP buttons in the PENDING ORDERS section after setting the Entry Price.

6.3 Break Even (Auto)

The Break Even section automates the process of moving Stop Loss to entry price once a trade has moved a specified number of pips in your favor.


Field	Description
BE Points field	The profit threshold in pips that must be reached before the SL is moved to break even. For example, setting 20 means: once the position is 20 pips in profit, move SL to entry.
BE Offset field	An optional additional pips added to the break even price to lock in a small profit. For example, offset of 2 means the SL is moved to entry + 2 pips (for BUY), securing 2 pips of profit at break even.
BREAK EVEN AUTO [OFF/ON]	Toggles the automated break even mechanism. When ON (highlighted in green), the panel monitors all positions on every tick and applies break even when the threshold is reached.

Logic: On every tick, if Auto BE is ON: for each matching open position, if floating profit in pips \geq BE Points AND SL is still below (BUY) or above (SELL) the entry price, move SL to entry_price + BE_Offset (BUY) or entry_price – BE_Offset (SELL).

 **NOTE:** Break Even is a one-time operation per position. Once the SL is moved to break even, the panel will not move it again (unless Trailing Stop then takes over).

6.4 SL/TP by ATR

The ATR section calculates optimal Stop Loss and Take Profit distances based on the Average True Range (ATR) indicator, adapting your SL/TP to current market volatility.

Field	Description
ATR Period	The lookback period for the ATR calculation. Default: 14. Higher values give a smoother, slower-reacting ATR; lower values react more quickly to recent volatility.
SL Multiplier	The SL distance = ATR \times SL Multiplier. Default: 1.5. For example, if ATR = 20 pips and multiplier = 1.5, the SL is set to 30 pips.
TP Multiplier	The TP distance = ATR \times TP Multiplier. Default: 1.5. Using a higher TP multiplier than SL multiplier gives a positive R:R ratio.
Timeframe buttons (M1–D1)	Select the timeframe on which the ATR is calculated. You can calculate ATR on the Daily chart while trading on M15, for example.
 APPLY ATR → SL & TP	Calculates the ATR for the selected period and timeframe, multiplies by the respective multipliers, and writes the resulting pip values into the SL and TP fields. The Virtual lines (if active) update immediately.

Available Timeframes: M1, M5, M15, M30, H1, H4, D1 — select the timeframe button before clicking Apply.


7. Tab 3: PART — Partial Close & Multi TP


The PART tab manages three position management strategies: Partial Close, Multi TP automation, and Daily Limit Guard. It also shows Today's Status with live P&L tracking.

7.1 Partial Close

The PARTIAL CLOSE section lets you close a specific percentage of volume across all open positions matching the Magic Number.

Element	Description
Close % field	The percentage of the current lot size to close. For example, 50 closes half of the position volume.
+ / - steppers	Adjust the percentage by 1 per click.
25% / 50% / 75% / 100% presets	Quick-select buttons for the most common partial close percentages. Clicking a preset button sets the Close % field to that value.
⌘ PARTIAL CLOSE ALL POSITIONS	Executes the partial close on all open positions matching the Magic Number. For each position, it calculates the volume to close as: $\text{volume_to_close} = \text{position_volume} \times (\text{Close \%} / 100)$, rounded down to the nearest valid lot step.

 **WARNING:** If the calculated volume to close is smaller than the broker's minimum lot size, the partial close for that position will be skipped. Ensure your positions have enough volume to support the requested partial close percentage.

 **NOTE:** Partial Close works on all open positions with the matching Magic Number simultaneously. If you want to partially close only a specific position, modify it directly from the MT5 Toolbox instead.

7.2 Multi TP (3 Levels)

Multi TP automates a three-level take profit strategy. When activated, the panel will automatically close the specified percentage of the position at each TP level as the price reaches it.

Configuration

Field	Description	Default
TP1 (pips)	Distance in pips from entry for the first take profit.	50
% (TP1)	Percentage of position volume to close when TP1 is hit.	30%

TP2 (pips)	Distance in pips from entry for the second take profit.	100
% (TP2)	Percentage of position volume to close when TP2 is hit.	30%
TP3 (pips)	Distance in pips from entry for the third take profit.	150
% (TP3)	Percentage of position volume to close when TP3 is hit.	40%

Toggle

State	Behavior
► MULTI TP [OFF] — single TP	Standard single-TP behavior. The TP set in the MAIN tab is applied directly to the order.
■ MULTI TP [ON] — 3 levels active	Multi TP is active. The panel monitors positions on every tick, and when a position's floating profit reaches each TP level, it closes the specified percentage of the lot automatically.

⚠ WARNING: The percentages for TP1, TP2, and TP3 should ideally sum to 100% to close the entire position. If they sum to less than 100%, the remaining position will continue to run after all TP levels are hit (unless SL or manual close is used). If they sum to more than 100%, the panel will stop after the position is fully closed.

📝 NOTE: Each TP level is only triggered once per position. The panel tracks which TP levels have already been hit and will not re-trigger them.

7.3 Daily Limit Guard

The Daily Limit Guard is a risk protection system that automatically stops all trading activity for the day when predefined daily loss or profit limits are reached.

Configuration Fields

Field	Description
Max Loss \$ field	The maximum tolerated total daily loss in account currency (e.g. USD). When the daily P&L drops below the negative of this value, the guard triggers. Default: 100.
+ / – steppers (Max Loss)	Adjust Max Loss by \$10 per click.
Max Profit \$ field	The maximum daily profit target in account currency. When the daily P&L exceeds this value, the guard triggers. Default: 200.
+ / – steppers (Max Profit)	Adjust Max Profit by \$10 per click.

Field	Description
► DAILY LIMIT GUARD [OFF/ON]	Toggles the Daily Limit Guard on or off. When ON (green), the panel checks daily P&L on every timer tick (every 2 seconds).

How the Guard Works


When the guard is active and a limit is reached, the panel:

8. Immediately closes all open positions matching the Magic Number.
9. Cancels all pending orders matching the Magic Number.
10. Plays a sound alert.
11. Sets an internal flag (g_DailyLimitHit = true) that prevents any new trades from being placed for the rest of the session.
12. Displays LIMIT HIT in red in the Today's Status section.

Today's Status Panel

Below the Daily Limit controls, a live status box shows:

Row	Description
Daily P&L	Total P&L for today including both closed and floating positions, updated every 2 seconds.
Max Loss Limit	Shows the configured Max Loss value, or --- if the guard is OFF.
Max Profit Limit	Shows the configured Max Profit value, or --- if the guard is OFF.
Status	Shows OK in green when limits are not reached, or LIMIT HIT in red when the guard has triggered.

 **NOTE:** The Daily P&L is calculated from the MetaTrader deal history for the current trading day. The guard resets at the start of each new trading day (midnight server time).

8. Tab 4: STATS — Statistics Dashboard

The STATS tab provides a real-time overview of your trading performance and account status. All values update automatically every 2 seconds via the panel's internal timer.

R:R Ratio

The R:R Ratio section displays the current Risk-to-Reward ratio calculated from the SL and TP values set in the MAIN tab.

Element	Description
R:R value display	Shows the ratio as '1 : X.XX'. For example, if SL = 50 pips and TP = 100 pips, the R:R is 1:2.00.
Color coding	The value changes color based on the ratio: Red (< 1:1) — poor risk management, Yellow/Gold (1:1.0 to 1:1.49) — acceptable, Green (>= 1:1.5) — good to excellent.
Color band bar	A three-segment horizontal bar visually shows which zone the current R:R falls into. Segments: red (< 1:1), yellow (1:1 to 1:1.5), green (>= 1:1.5). The active zone is always lit.
No SL / No TP	If either SL or TP is set to 0, the display shows 'No SL' or 'No TP' instead of a ratio.

Daily P&L

Row	Description
Today : +/- \$X.XX	Total daily P&L: sum of all closed trade profits/losses today plus floating P&L of all open positions. Green if positive, red if negative. Updated every 2 seconds.
Closed: +/- \$X.XX	The realized (closed) portion of today's P&L only. Calculated from the deal history log since midnight server time.
Float: +/- \$X.XX	The unrealized (floating) P&L of all currently open positions. Updates continuously.

Account Statistics

Statistic	Description
Balance	The current account balance in the account currency. Does not include floating P&L.
Equity	The current account equity = Balance + floating P&L. Shown in green if equity >= balance, red if equity < balance (i.e., open positions are at a net loss).
Free Margin	The available margin not currently being used as collateral for open positions. Low free margin may prevent new orders from being

Statistic	Description
	placed.
Spread (pts)	The current bid-ask spread in points for the chart symbol. Color-coded: green (≤ 10 pts), yellow/gold (11–25 pts), red (> 25 pts). Useful for avoiding entries during high-spread periods.
Magic	Displays the currently active Magic Number in purple. Confirms which magic number the panel is using for all operations.
Server	The name of the broker's trading server. Useful for confirming connectivity and identifying the environment.

Open Positions

Statistic	Description
Positions	Total number of open positions currently on the account (all magic numbers, all symbols).
Total Lot	Sum of all open position volumes. Gives a quick overview of total market exposure.
Floating	The total floating P&L across all open positions. This is the same value shown in the Daily P&L section. Color-coded green/red.

9. Panel Themes

Master Trade Manager v2.77 includes four complete color themes. Each theme changes the color palette of every panel element: background, text, buttons, tab highlights, labels, and all status indicators. Themes are switched by clicking the Theme button in the header area (shows the current theme name).

The theme cycles in order: DARK → LIGHT → BLUE → MATRIX → DARK ...

DARK Theme

A deep navy and dark blue theme designed for low-light trading environments. Reduces eye strain during long sessions.

Element	Color
Background	Very dark navy (#0E121C)
Header / panel frame	Dark blue (#141E32)
Label text	Steel blue (#829EC3)
Input fields	Deep navy (#141C2C) with white text
BUY button	Bright blue (#1888FF)
SELL button	Bright red (#FF3C3C)
Close / Cancel	Orange (#FF910F)
Break Even button	Teal green (#32CD82)
Trailing Stop ON	Purple (#9645FF)
Trailing Stop OFF	Muted dark (#2D3246)
Profit P&L	Bright green (#1ED278)
Loss P&L	Bright red (#DC3737)
Risk Mode ON	Gold (#DCA500)
Active tab	Bright blue (#1888FF)
Inactive tab	Dark gray-blue (#1E2630)
Pending order button	Amber (#FFBE1E)
ATR button	Sky blue (#50C8FF)
Break Even ON state	Teal (#32CD82)

LIGHT Theme

A clean white and light gray theme for bright trading environments or traders who prefer high contrast readability.

Element	Color
Background	Light gray-white (#F0F3FA)
Header / panel frame	Light blue-gray (#D2DCF0)
Label text	Medium slate blue (#506480)
Input fields	White (FFFFFF) with dark text
BUY button	Medium blue (#0A6EE6)
SELL button	Medium red (#D22828)
Close / Cancel	Dark orange (#C86E00)
Break Even button	Medium green (#14A05A)
Trailing Stop ON	Purple (#783CDC)
Trailing Stop OFF	Light gray (#B9C0D2)
Profit P&L	Medium green (#0AA050)
Loss P&L	Medium red (#C82828)
Risk Mode ON	Dark gold (#B48200)
Active tab	Medium blue (#0A6EE6)
Inactive tab	Light blue-gray (#D2DCF0)

BLUE Theme

An ocean-blue themed palette. A modern professional look with deep teal and vivid cyan highlights.


Element	Color
Background	Deep ocean blue (#082030)
Header	Slightly lighter blue (#0C2840)
Label text	Medium cyan-blue (#5AABCC)
Input fields	Dark ocean (#0A1C2C) with light text
BUY button	Vivid cyan (#10BAFA)
SELL button	Coral red (#FF5050)
Close button	Amber (#FFA020)
Break Even	Aquamarine (#20D4A0)
Trailing Stop ON	Medium purple (#9050DC)
Active tab	Vivid cyan (#10BAFA)
Profit	Bright aqua green (#20D490)
Loss	Orange-red (#F04020)

Element	Color
Pending button	Yellow-amber (#FFC830)
ATR button	Bright cyan (#30CCFF)

MATRIX Theme

Inspired by the classic terminal / matrix aesthetic. Pure black background with vivid green text and highlights for a hacker-trading feel.

Element	Color
Background	Pure black (#000000)
Header	Very dark gray (#080808)
Label text	Matrix green (#00BB44)
Input fields	Black (#040404) with green text
BUY button	Neon green (#00FF64)
SELL button	Bright red (#FF2020)
Close button	Lime yellow (#AAFF00)
Break Even	Cyan green (#00EE88)
Trailing Stop ON	Bright cyan (#00CCFF)
Active tab	Neon green (#00FF64)
Inactive tab	Dark (#080808)
Profit	Bright matrix green (#00FF64)
Loss	Vivid red (#FF2020)
Pending button	Yellow-green (#AAFF00)
ATR button	Bright cyan (#00CCFF)

 **NOTE:** All four themes apply the same color logic to functional indicators (profit = green, loss = red, etc.) — only the specific shades differ. No functionality is altered by changing the theme.

10. Panel Size & Minimization

Panel Sizes

Three size presets are available via the S / M / L buttons in the header:


Size	Panel Width	Use Case
S (Small)	280 px	Minimal screen footprint. Useful for small monitors or when chart space is important. Slightly smaller font (7pt base).
M (Medium)	360 px	Default size. Balanced readability and screen space. Font 8pt base.
L (Large)	460 px	Maximum readability. Ideal for 4K monitors or traders who want large, easy-to-click controls. Font 10pt base.

Changing the panel size rebuilds the entire panel UI and adjusts all button heights, input heights, and font sizes proportionally. The active size button is highlighted with the theme's accent color.

Minimize / Restore

Click the ▲ button (top-right of header) to minimize the panel. In minimized state:

- Only the header bar is visible — the panel takes minimal vertical space.
- All functionality is suspended (no tab content shown).
- Virtual SL/TP lines and zones remain visible on the chart.
- The ▼ button appears in the minimized header to restore the panel.
- Panel size and theme buttons remain accessible in minimized mode.

 **NOTE:** Minimizing the panel does not stop any automated functions (Trailing Stop, Break Even, Daily Limit Guard). Those continue running in the background via OnTick() and OnTimer().

11. Drag & Drop Line System

Master Trade Manager implements a custom mouse-based drag-and-drop system for all virtual SL, TP, and Pending lines on the chart. This allows you to visually adjust your levels without typing pip values manually.

How to Drag a Line

13. Enable Virtual SL/TP (BUY or SELL) or Virtual Pending (BUY or SELL) from the MAIN or ADV tabs.
14. Move your mouse cursor to within approximately 6 pixels of the target line on the chart.
15. Click and hold the left mouse button. The line enters drag mode — chart scrolling is automatically disabled while dragging.
16. While holding the button, move the mouse up or down to the desired price level. The line follows your cursor in real time.
17. Release the mouse button. The line snaps to the final price. The panel automatically updates the corresponding SL/TP or Pending Price field with the new pip value.

Draggable Lines Reference

Line	When Active	Effect When Dragged
SL BUY (red dashed)	Virtual SL/TP BUY = ON	Updates SL pips field based on distance from Ask (or pending price if Virtual Pending BUY is also ON).
TP BUY (green dashed)	Virtual SL/TP BUY = ON	Updates TP pips field based on distance from Ask (or pending price if Virtual Pending BUY is also ON).
SL SELL (red dashed)	Virtual SL/TP SELL = ON	Updates SL pips field based on distance from Bid (or pending price if Virtual Pending SELL is also ON).
TP SELL (green dashed)	Virtual SL/TP SELL = ON	Updates TP pips field based on distance from Bid (or pending price if Virtual Pending SELL is also ON).
Pending BUY line	Virtual Pending BUY = ON	Updates Entry Price field. Line type changes dynamically: above Ask = BUY STOP (cyan), below Ask = BUY LIMIT (green).
Pending SELL line	Virtual Pending SELL = ON	Updates Entry Price field. Line type changes dynamically:

Line	When Active	Effect When Dragged
		above Bid = SELL LIMIT (red), below Bid = SELL STOP (purple).

Technical Details

The drag system uses invisible thick hit-area lines (10-pixel wide) overlaid on each visible thin line. The hit areas ensure easy mouse selection without requiring pixel-perfect mouse positioning.

Behavior	Detail
Hit tolerance	6 pixels. The cursor must be within 6 pixels of the line's Y position on screen to initiate a drag.
Scroll lock	CHART_MOUSE_SCROLL is set to false while dragging to prevent accidental chart scrolling. It is restored immediately on mouse release.
Safety restore	The OnTimer (every 2 seconds) also forces scroll restore in case a drag state gets stuck due to focus changes.
Coordinate mapping	Pixel Y coordinates are mapped to price via linear interpolation using the chart's visible price range (CHART_PRICE_MAX and CHART_PRICE_MIN).
Line range	All virtual lines span from 20 bars in the past to 30 bars in the future. RAY_LEFT and RAY_RIGHT are disabled to prevent the line from extending infinitely.

12. Zone Shading & R:R Labels

Zone Shading

When Virtual SL/TP is active, colored rectangular zones are drawn between the entry reference price and each SL/TP line, providing an immediate visual sense of the trade's risk and reward area.

Zone	Color	Meaning
SL Zone (BUY)	Semi-transparent red	Risk area below Ask price down to SL. Wider zone = more risk.
TP Zone (BUY)	Semi-transparent green	Reward area above Ask price up to TP. Wider zone = more potential reward.
SL Zone (SELL)	Semi-transparent red	Risk area above Bid price up to SL.
TP Zone (SELL)	Semi-transparent green	Reward area below Bid price down to TP.
Pending BUY Zone	Semi-transparent teal/green	Marks the pending price area for a buy pending order.
Pending SELL Zone	Semi-transparent red/orange	Marks the pending price area for a sell pending order.

Zones are drawn as OBJ_RECTANGLE objects in the chart background layer (OBJPROP_BACK = true), ensuring they do not obscure price candles or other chart objects.

R:R Labels

Each virtual SL and TP line has an associated label box positioned at the right edge of the chart. These labels show:

- The line type (e.g. SL, TP, BUY STOP, SELL LIMIT)
- The exact price level
- The estimated dollar amount (−\$ for SL, +\$ for TP) based on current lot size and pip value
- The R:R ratio (e.g. 1:2.00)

Label	Background Color
BUY SL label	Dark red
BUY TP label	Dark green
SELL SL label	Dark red
SELL TP label	Dark green


Label	Background Color
BUY STOP label	Dark cyan/blue
BUY LIMIT label	Dark green
SELL LIMIT label	Dark red/orange
SELL STOP label	Dark purple/magenta

The R:R labels are rendered as OBJ_RECTANGLE_LABEL (background box) + OBJ_LABEL (text), using pixel-coordinate anchoring (CORNER_LEFT_UPPER) so they stay fixed relative to the chart's right edge regardless of chart scrolling.

13. Sound Alerts

Master Trade Manager plays sound notifications for key trading events, keeping you informed without requiring constant visual monitoring. Sounds are enabled globally by the `InpSoundOn` input parameter.

Event	When It Fires
Position opened (BUY/SELL)	Immediately after a market order is successfully placed and confirmed.
Position closed (individual)	When a single position is closed by the panel (Break Even exit, Trailing Stop, or manual close button).
Close All executed	When the CLOSE ALL button is pressed and all positions are closed.
Close Profit executed	When CLOSE PROFIT is pressed and at least one profitable position is closed.
Close Loss executed	When CLOSE LOSS is pressed and at least one losing position is closed.
Pending order placed	After any pending order (Limit or Stop) is successfully submitted.
Pending orders cancelled	After CANCEL ALL PENDING is executed.
Break Even triggered	When the panel automatically moves an SL to break even (Auto BE mode).
Trailing Stop moved	Each time the panel successfully adjusts a trailing stop level.
Daily Limit Guard hit	When either the Max Loss or Max Profit limit is reached and the guard triggers.
Partial Close executed	After the PARTIAL CLOSE ALL POSITIONS action completes.
Multi TP level hit	Each time a Multi TP level is triggered and the partial close is executed.

 **NOTE:** MetaTrader 5 uses the `PlaySound()` function with .wav file names. The default alert files included with MT5 are used. If you experience no sound, verify that MT5 → Tools → Options → Events → Enable alerts is checked.

14. Tips, Best Practices & FAQ

Tips & Best Practices

- **Use different Magic Numbers per chart:** If you run the panel on XAUUSD and EURUSD simultaneously, use different Magic Numbers (e.g. 6575 for gold, 6576 for EUR/USD) to prevent trailing stop, break even, and close functions from affecting the wrong positions.
- **Plan with Virtual Lines before trading:** Always enable Virtual SL/TP before placing a trade to visually confirm that your R:R is acceptable and your levels are at sensible chart positions (e.g. above/below structure).
- **Use ATR for volatility-adaptive stops:** Instead of using fixed pips, click APPLY ATR → SL & TP regularly (especially at market open) to ensure your levels reflect current volatility rather than an arbitrary pip count.
- **Combine Virtual Pending + Virtual SL/TP:** When planning a pending order, turn on both Virtual Pending BUY/SELL AND Virtual SL/TP BUY/SELL. This gives you an accurate preview of exactly where your SL and TP will be relative to the pending entry.
- **Set Daily Limit Guard at the start of each session:** Enable it with conservative limits to protect against unexpected runaway losses during high-impact news or technical issues.
- **Use Risk % mode consistently:** Setting a fixed Risk % (e.g. 1%) ensures your lot size is always proportional to your account balance, preventing over-trading after a drawdown.
- **Multi TP + Trailing Stop:** A popular combination is to use Multi TP to take 50% off at TP1 and then activate Trailing Stop for the remaining half, allowing profits to run while securing early gains.
- **Minimize during live trades:** Once a trade is open and all automation is set up, minimize the panel to keep your chart view clean while the automated functions continue running.

Frequently Asked Questions

Q: The panel doesn't close positions when I press CLOSE ALL. Why?

Ensure the Magic Number in the panel matches the magic number of the positions you want to close. The CLOSE ALL function only affects positions that were opened with the panel's current Magic Number. Positions opened manually or with a different magic number will not be affected.

Q: My Virtual SL/TP lines disappeared when I switched tabs.

This was a bug in earlier versions and is fixed in v2.64+. The panel preserves all virtual objects (lines, zones, labels) in a protected list when rebuilding the panel UI after a tab switch. If lines disappear, try toggling the virtual button off and on again to force a redraw.

Q: The Trailing Stop doesn't seem to be working.

Check the following: (1) The Trailing Stop toggle shows [ON] in the MAIN tab. (2) The Magic Number matches the open positions. (3) The position is in profit by at least the STOP pip

distance. (4) MT5 is actively running and the chart is open and loaded. Trailing Stop runs on OnTick(), so it requires live ticks.

Q: Can I run multiple instances of the panel on different charts?

Yes. Attach the panel to each chart separately and use a unique InpMagicInit for each instance. For example: GOLD chart uses magic 6575, EURUSD uses 6576. This ensures each panel only manages its own positions and does not interfere with others.

Q: The drag-and-drop doesn't work — I can't grab the line.

Make sure you are clicking within 6 pixels of the line on the Y-axis. The hit area spans the full width of the chart but only 12 pixels in height (6px above and below the line). Try moving your cursor slowly over the line until you see it become draggable. Also confirm that the corresponding Virtual toggle is ON.

Q: Daily Limit Guard triggered, but I want to keep trading today.

Turn the Daily Limit Guard OFF using the toggle button. This clears the g_DailyLimitHit flag and allows new trades to be placed. Note: turning it off does not restore any closed positions.

Q: How do I reset the panel to default settings?

Remove the panel from the chart (right-click chart → Expert Advisors → Remove) and re-attach it. All settings will reset to the default values defined by the input parameters and the code defaults.

Q: Can the panel be used with EA-based strategies?

Yes. Because the panel uses a Magic Number system, you can set the panel to the same Magic Number as your EA. However, be aware that the panel's close, trailing, and break even functions will affect the EA's positions. It is generally safer to use a different Magic Number for the panel if also running an automated EA.