

THE FRIENDLY PARTNER -- COMPLETE REFERENCE DOCUMENT

User Manual & Technical Reference

SECTION 1: OVERVIEW

The Friendly PARTNER is a professional toolkit for MetaTrader 4 and MetaTrader 5, designed to simplify precision trading and help identify high-probability breakout opportunities.

The toolkit consists of two integrated modules:

Module	Name	Function
Execution Module	Trader's Desk	Precision execution panel with mathematical integrity
Workflow Module	Context ID Workflow	Multi-timeframe breakout context identifier

Core Principles:

- 100% MQL-native -- No external DLLs
- Backtesting ready -- Test strategies in the Strategy Tester

- Auto-scaling interface -- Works on 4K workstations to travel laptops
- Fully customizable colors -- Choose from MT4/MT5 color palette

1.1 Important -- MT4 vs MT5 Differences

Feature	MT4	MT5
All-Aligned Logic	✗ Not available (technical limitation)	✓ Available
Number of timeframes in Context ID	7 timeframes	10 timeframes
Available timeframes	M1, M5, M15, M30, H1, H4, Daily	M1, M2, M3, M5, M10, M15, M30, H1, H4, Daily

For MT4 users who want All-Aligned Logic: You can add an MT5 trading account at the same broker in less than 5 minutes. Most brokers offer both platforms. Once you have an MT5 account, the full toolkit functionality (including All-Aligned Logic) becomes available.

SECTION 2: TRADER'S DESK -- EXECUTION MODULE

The Trader's Desk is a compact, uncluttered execution panel designed for speed, accuracy, and confidence.

2.1 Design Philosophy

- **Small footprint** -- Does not cover your chart
- **Big, ergonomic buttons** -- Easy to press, even on laptops
- **Hidden math** -- All complicated calculations (ATR, position sizing, filters) are invisible to the trader
- **Auto-scaling** -- Works perfectly on 4K monitors and 13-inch laptops alike
- **Clean layout** -- Shows only what you need to execute a trade

2.2 Input Fields

Field	Description	Default
LOT	Position size. Type any number. This is where you set your lot volume for each trade. All lot sizing is managed directly from the Trader's Desk.	0.01
PC	Partial Close percentage. When the Full-Close/Partial button is set to Partial, pressing Close-B or Close-S closes this percentage of your position.	60
SL	Stop Loss value. Interpretation depends on Stop Loss Type (see Section 5.2).	10
TP	Take Profit value. Expressed as a multiple of your stop loss (e.g., 1.20 means $TP = 1.2 \times SL$ distance).	1.20

Field	Description	Default
TYPE	Volume calculation method. Click to see seven options (see Section 2.5).	Fixed

Note on Lot Settings: Unlike traditional trade panels that require you to pre-configure lot size in the settings table, The Friendly PARTNER keeps lot management where it belongs -- on the Trader's Desk itself. This means you can change position size on the fly without opening settings menus. The LOT field and TYPE dropdown on the Trader's Desk are your complete solution for volume management.

2.3 Action Buttons

Button	Description
Buy	Opens a market Buy trade. First trade on a symbol requires double-click (double-click protection).
Sell	Opens a market Sell trade. First trade on a symbol requires double-click.
Add-Trd	Opens a new trade that inherits the same SL and TP prices as your last opened trade. Lot size can be different -- change LOT field before clicking.
Pending (x2)	Opens the standard MT4/MT5 pending order window for Limit and Stop orders.

Button	Description
Cancel	Erases visual lines only. Does NOT open or close trades. After first click on Buy/Sell/Pending, three lines appear (entry, SL, TP). Press Cancel to erase them if you change your mind.
Close-B	Closes all Buy positions on current symbol. Behavior depends on Full-Close/Partial toggle.
Close-S	Closes all Sell positions on current symbol. Behavior depends on Full-Close/Partial toggle.
Close-all	Closes ALL open trades AND all pending orders on current symbol -- both directions. One click.
B-Even	Break Even. Moves stop loss immediately to entry price. Only works if active price is in profit by more than broker's minimum SL distance.
Trail-Stop	Manual trailing stop activation. Press → horizontal line appears at activation level (from settings). Drag line anywhere. When price touches line, trailing stop activates and line disappears. Press Cancel to erase line before activation.
Full-Close / Partial	Toggles behavior of Close-B and Close-S. Full-Close = closes entire volume. Partial = closes only PC percentage.

2.4 Protection Mechanisms

A. Double-Click Protection

- **First trade** on a symbol: Double-click required (prevents accidental entries)
- **Subsequent trades** (Add-Trd): Single-click only
- New trades automatically inherit SL/TP levels of the original position

B. All-Aligned Logic (Mathematical Integrity) -- MT5 ONLY

For **Buy trades** -- Entry, Stop Loss, and Take Profit ALL use the **Ask price**.

For **Sell trades** -- Entry, Stop Loss, and Take Profit ALL use the **Bid price**.

Why this matters: Spread spikes cannot trigger your stop loss prematurely because SL is calculated on the same price type as entry.

Important -- MT4 users: All-Aligned Logic is not available in MT4 due to technical limitations. To benefit from this feature, add an MT5 trading account at your same broker (takes less than 5 minutes).

Virtual Orders & VPS -- Important Technical Note

The All-Aligned Logic achieves mathematical integrity by using **virtual orders**.

- **If you lose power or internet:** Your orders are automatically saved on the MT5 platform for up to four weeks. When connection returns, orders are restored immediately.
- **If you close your computer:** The orders **are saved** but are **not active**. They will not execute.
- **Solution --** For swing trades or when stepping away for extended periods, use a Virtual Private Server (VPS). A VPS runs 24/7, keeping your virtual orders active. Many brokers offer free or low-cost VPS services.

C. Multi-Trade Fragmentation

Setting: Number of Trades to Open (see Section 5.1)

Instead of one large order, the toolkit can fragment into multiple smaller trades. Example: Set to 10 → opens 10 trades of 0.01 lots instead of one trade of 0.10 lots.

Benefit: Reduces slippage, especially during volatile breakout conditions. All trades act as one -- same SL, same TP, managed together.

D. Pre-Trade Lines (Three-Line System)

First click on Buy, Sell, or Pending places three horizontal lines on your chart:

- Entry line
- Stop Loss line
- Take Profit line

You can drag these lines anywhere. Second click opens the trade or pending order. Press Cancel to erase lines without opening a trade.

2.5 Volume Options (TYPE Dropdown)

Option	Description	Example
Fixed	Direct lot size entry.	LOT = 0.01
Lots/1k Eq	Lot size based on equity.	0.01 Lots/1k Eq, \$10,000 equity → 0.10 lots
Risk %	Risk a percentage of account on each trade.	1% risk on \$10,000 = \$100 at risk → lot size calculated based on SL distance
Risk Amt	Fixed dollar amount at risk.	"I want to risk exactly \$50 on every trade"
Profit %	Target a percentage return on account.	2% profit target on \$10,000 = \$200 target → lot size calculated based on TP distance
Profit Amt	Fixed dollar amount profit target.	"I want to make exactly \$100 on this trade"
Base Curr	Displays account base currency.	USD, EUR, GBP, etc. (information only)

Recommendation: Most traders should use **Risk %** for consistent risk management.

2.6 Safety Note -- First Tick Requirement

When you first attach The Friendly PARTNER to a chart, or when you change timeframes, the Trader's Desk will **NOT** appear immediately. It waits for at least one price tick to update.

Why: Before the first tick, the ATR value on the Active Candle shows zero. If you opened a trade at that moment, your stop loss would be placed at the same price as your entry -- a guaranteed loss.

Solution: Wait. The panel appears after the first tick.

SECTION 3: CONTEXT ID WORKFLOW -- BREAKOUT MODULE

The Context ID Workflow continuously monitors the markets and identifies squeeze breakout candles across up to 10 timeframes on any symbol.

3.1 Timeframe Monitoring

MT5 Version (10 timeframes)

Timeframe	Use Case
M1 (1 Minute)	Scalping

Timeframe	Use Case
M2 (2 Minutes)	Indices scalping
M3 (3 Minutes)	Scalping
M5 (5 Minutes)	Scalping / Day trading confirmation
M10 (10 Minutes)	Scalping
M15 (15 Minutes)	Day trading
M30 (30 Minutes)	Day trading
H1 (1 Hour)	Day trading / Swing trading
H4 (4 Hours)	Swing trading
Daily (D1)	Swing trading

MT4 Version (7 timeframes)

Timeframe	Use Case
M1 (1 Minute)	Scalping

Timeframe	Use Case
M5 (5 Minutes)	Scalping / Day trading confirmation
M15 (15 Minutes)	Day trading
M30 (30 Minutes)	Day trading
H1 (1 Hour)	Day trading / Swing trading
H4 (4 Hours)	Swing trading
Daily (D1)	Swing trading

Note: M2, M3, and M10 are not available in MT4 due to platform limitations.

3.2 The Four Filters (Squeeze Breakout Validation)

A breakout signal is **only** generated when all four filters confirm in the **same direction** (all true for Buy OR all true for Sell).

Filter 1: Compression Index (Proprietary)

Setting	Default	Description
Compression Index	300	Measures how tightly price has been compressed before the breakout. Think of a coiled spring -- the tighter the coil, the more explosive the release.

Important: To make compression **tighter** (more selective), **LOWER** the setting (e.g., 300 → 250).

On Info Window: *Compression Index: 71.95 | ATR%: 572.30% | false*

Filter 2: Impulse Candle Index (Proprietary)

Setting	Default	Description
Impulse Candle Index	125	Measures the momentum strength of the breakout candle. Is this candle leading the move or just following?

On Info Window: *Impulse Index: Buy: 24.4% | false / Sell: 79.0% | false*

Filter 3: Candle Body Strength

Setting	Default	Description
Body Strength Filter %	50%	Measures how much of the candle is body versus wick. Strong trend candles have large bodies and small wicks.

On Info Window: *Body Range: 0.00% | false*

Filter 4: Momentum Wick Filter

Setting	Default	Description
Momentum Wick Filter %	35%	Looks at wicks in the opposite direction of the breakout. For Buy breakout → upper wick. For Sell breakout → lower wick.

On Info Window: *Wick Size: Buy: 75.5% | false / Sell: 24.5% | true*

3.3 Bollinger Bands -- The Core Engine

Setting	Default	Description
BB Period	12	The Bollinger Bands are not just a visual indicator . They are the core engine that identifies potential squeeze conditions. The four filters then validate the breakout. Without the BB engine, the Context ID Workflow cannot function.

Recommendations by trader type:

- **Scalpers:** BB Period 9-10
- **Day traders:** BB Period 12 (default)
- **Swing traders:** BB Period 20

Setting	Default	Description
BB Deviation	2.0	Standard deviation multiplier for Bollinger Bands
BB Shift	0	Number of candles to shift the bands
Hide Bollinger Backtest	false	Hides BB visualization during backtesting for cleaner charts

3.4 Signal De-duplication

Setting	Default	Description
Candles Between Signals	3	After a breakout signal, the next 3 candles will NOT generate a new breakout signal -- even if all four filters show true in the same direction.

Why this matters: Prevents entering late when a new trend is initiated. If set to 0, every breakout candle will signal.

3.5 Alert Systems

When a confirmed breakout is identified, the toolkit can notify you through four channels:

Alert Type	Setting	Default
Pop-up Alert	Pop Up Alert on Signal	true
Platform Notification	Notification on Signal	true
Mobile Push	Mobile Phone Alerts on Signal	true
Sound Alert	Notification Sound file name	alert.wav (must be .wav format)

3.6 Timeframe-Specific Alert Control

Alerts can be enabled or disabled per timeframe. Example configuration for day traders:

Timeframe	Alert Setting
M1-M15	false (ignore noise)
M30	true
H1	true
H4	true
Daily	false

SECTION 4: INFO WINDOW -- COMPLETE REFERENCE

The Info Window appears on the chart when the Info button is pressed. It provides real-time data across five sections.

4.1 Trades Parameters

Field	Description
Entry	Entry price of active trade
Lot	Position size
TP	Take Profit price
Profit	Current profit in account currency
Pips	Current profit in pips
SL	Stop Loss price
Loss	Potential loss if SL is hit
Pips	Stop Loss distance in pips

Field	Description
R:R	Risk-to-Reward ratio achieved so far

4.2 Statistics

Field	Description
Balance	Account balance before open trades
Equity	Balance +/- unrealized P&L
Win	Number of winning trades and win percentage
Loss	Number of losing trades and loss percentage
Trades	Total number of closed trades
Profit	Total net profit from closed trades
Active	Number of active positions
Profit	Current unrealized P&L on active positions

Note: Data resets when toolkit is removed from chart or MetaTrader restarts.

4.3 Aligned Entry/Exit Logic (MT5 Only)

Field	Description
Trade ID	Unique identifier for the trade
SL	Stop Loss price (aligned -- Ask for Buys, Bid for Sells)
TP	Take Profit price (aligned)

If this section is empty -- the trade was opened with different settings (not using All-Aligned Logic), or you are using MT4 where this feature is not available.

4.4 Breakouts ID

Displays breakout status per timeframe:

Element	Description
Timeframe	MT5: M1, M2, M3, M5, M10, M15, M30, H1, H4, Daily / MT4: M1, M5, M15, M30, H1, H4, Daily
Timestamp	Time of last closed candle
Status	None, or Buy @ price, or Sell @ price

Element Description

Color **Lime row** = confirmed Buy breakout. **Orange row** = confirmed Sell breakout

4.5 Selected TF Calculations

Field Description

ATR Current Average True Range value

Fractal Up Most recent upper fractal level

Fractal Down Most recent lower fractal level

Compression Index Value, ATR%, true/false

Impulse Index Buy reading (true/false), Sell reading (true/false)

Body Range Percentage, true/false

Wick Size Buy percentage (true/false), Sell percentage (true/false)

To get a confirmed breakout: All four booleans must be true in the same direction (all true for Buy OR all true for Sell).

SECTION 5: SETTINGS TABLE -- COMPLETE PARAMETER REFERENCE

5.1 ATR Settings

Parameter	Default	Description
ATR Period	14	Number of candles for ATR calculation
Calculation Candle	Active Candle	Active Candle (for scalpers -- uses forming candle). Last Close Candle (for day/swing traders -- uses completed candle)
Hide ATR Backtest	true	If true, ATR indicator (curved line) will NOT show on Strategy Tester visual chart. Reduces visual clutter.

5.2 Trades Fragmentation

Parameter	Default	Description
Number of Trades to Open	1	Number of identical trades to open simultaneously. Increase for multi-trade fragmentation (reduces slippage).

5.3 Stop Loss Settings

Parameter	Default	Description
Stop Loss Version	Aligned Entry/Exit	Enables All-Aligned Logic (MT5 only). Aligned Entry/Exit or Original
Stop Loss Type	Last Candle + ATR	ATR (direct SL distance). Last Candle+ATR (SL at lowest/highest price of last closed candle + ATR buffer). Last Fractal+ATR (SL at fractal level + ATR buffer)
Stop Loss Value	10.0	Interpretation depends on Stop Loss Type (see note below)
Minimum ATR%	50.0	Minimum SL distance as percentage of ATR
Maximum ATR%	125.0	Maximum SL distance as percentage of ATR
Minimum Stop Loss in Points	0.0	Absolute minimum SL distance. Overwrites ATR-based min/max. Useful for scalpers to meet broker minimums.

Important -- How Stop Loss Value is interpreted:

Stop Loss Type	What SL Value Represents	Example
Last Candle+ATR or Last Fractal+ATR	Buffer size as percentage of ATR	Value 10 = buffer = 10% of ATR
ATR (direct distance)	Full SL distance as percentage of ATR	Value 100 = SL = 100% of ATR (1× ATR)

5.4 Take Profit Settings

Parameter	Default	Description
Take Profit Version	Aligned Entry/Exit	Aligned Entry/Exit (All-Aligned Logic, MT5 only) or Original (broker default TP)
Take Profit (SL Times)	1.2	TP distance = SL distance × this multiplier
TP Partial Close %	60	Percentage of position to close at first TP. Set to 100 to disable second TP.

5.5 Trailing Stop Settings

Parameter	Default	Description
Enable Trailing Stop	false	Master switch for trailing stop
Start Trailing After (SL Times)	0.9	Start trailing when price moves $0.9 \times$ SL distance in profit
Trailing Distance (SL Times)	1.0	Distance to maintain between price and SL (as SL multiple)
Trailing Stop Pace (SL Times)	0.5	How aggressively the trail updates (lower = smoother)
Trailing Line Color	Bisque	Color of trailing stop line on chart

5.6 Break Even Settings

Parameter	Default	Description
Enable Break Even	false	Master switch for first break-even level
Activate After (Times in profit)	0.9	Move to BE when profit reaches $0.9 \times$ SL distance
Lock Profit (Times above entry)	0.0	Additional profit to lock beyond BE (0 = exact BE). Can accept negative values (see note below)
Enable Break Even 2	false	Master switch for second break-even level

Parameter	Default	Description
Activate After 2 (Times in profit)	1.8	Move to second BE when profit reaches $1.8 \times$ SL distance
Lock Profit 2 (Times above entry)	1.0	Profit to lock at second BE ($1.0 = 1 \times$ SL distance in profit). Can accept negative values

Important -- Negative values in Lock Profit:

It is possible to set Lock Profit to negative values. Example: If you set **Lock Profit at -0.5**, when Break Even activates, it will bring the stop loss behind the entry price at **0.5 of the initial Stop Loss distance**.

This means you are not moving to exact break-even -- you are moving to a level that still has some risk, but reduced risk. For some traders, this is useful for gradually reducing risk rather than eliminating it entirely.

Example:

- Initial SL distance = 100 pips
- Lock Profit = -0.5
- When BE activates, new SL distance = 50 pips behind entry ($0.5 \times$ original)
- Lock Profit = -1.0 → SL moves to entry (0 pips risk)
- Lock Profit = -0.3 → SL moves to 30 pips behind entry (reduced risk, not eliminated)

5.7 Trades Guiding Lines

Parameter	Default	Description
Trades Entry Line Color	Beige	Color of entry level line
Take Profit Line Color	Lime	Color of TP level line
Stop Loss Line Color	Red	Color of SL level line
Aligned Logic Stop Loss Color	DarkOrange	Color of Aligned Logic SL line
Aligned Logic Take Profit Color	MediumSpringGreen	Color of Aligned Logic TP line
Lines Thickness	2	Thickness of all guiding lines. Increase for better visibility on large monitors.

5.8 Strategy Tester Settings

Parameter	Default	Description
Stop Loss Type (Backtest)	ATR	SL calculation method for backtesting

Parameter	Default	Description
Stop Loss Value (Backtest)	100.0	SL value for backtesting
Take Profit (SL Times) (Backtest)	2.0	TP multiplier for backtesting
Use Only Active TF	false	When true, only trades on active chart timeframe during backtesting

Note: The backtester also respects Minimum/Maximum SL, Take Profit Version, TP Partial Close %, all Trailing Stop settings, and both Break Even levels.

5.9 Squeeze Breakout Filters

Parameter	Default	Description
Compression Index	300	Proprietary compression threshold. Lower = tighter compression.
Impulse Candle Index	125	Proprietary impulse threshold
Body Strength Filter %	50	Minimum body percentage of total candle range

Parameter	Default	Description
Momentum Wick Filter %	35	Maximum wick percentage (opposite direction)
Candles Between Signals	3	Minimum candles before new signal on same TF. Prevents late entries. Set to 0 to signal every breakout.

5.10 Bollinger Bands Settings

Parameter	Default	Description
BB Period	12	Core engine for squeeze identification. Scalpers: 9-10. Day traders: 12. Swing traders: 20.
BB Deviation	2.0	Standard deviation multiplier
BB Shift	0	Number of candles to shift bands
Hide Bollinger Backtest	false	Hides BB visualization during backtesting

5.11 Timeframe Selection

TF To Show In INFO Window

Enable/disable which timeframes appear in the Info Window's Breakouts ID section.

MT5: M1, M2, M3, M5, M10, M15, M30, H1, H4, Daily (all true by default)

MT4: M1, M5, M15, M30, H1, H4, Daily (all true by default)

Timeframes for Alerts

Enable/disable alerts per timeframe.

Default Alert Settings (MT5):

Timeframe	Default
M1, M2, M3, M5, M10, M15	false
M30, H1, H4	true
Daily	false

Default Alert Settings (MT4):

Timeframe	Default
M1, M5, M15	false
M30, H1, H4	true
Daily	false

Timeframes for Strategy Tester

Enable/disable which timeframes are traded during backtesting. Also includes **Open Trades** toggle.

5.12 Time Filter

Parameter	Default	Description
Use Time Zone 1	false	Enable time-based trading restrictions
Start Time (HH:MM)	01:05	Trading allowed from this time
End Time (HH:MM)	23:00	Trading allowed until this time

5.13 Info Window Appearance

Parameter	Default	Description
Show Comments	true	Display informational comments
Show Daily Stats	true	Display daily performance statistics
Show TF Calculations	true	Display per-timeframe filter calculations
Display Timeframe	current	Which timeframe's calculations to show
Font Size	10	Info Window text size. Adjust for small screens (laptops).
Line Spacing	8	Space between lines. Adjust for readability on laptops.
Text Color	White	Info Window text color
Background Color	DarkSlateGray	Info Window background
Border Color	White	Info Window border
Put Info Panel On Background	false	When true, panel sits behind chart elements
Create Trade Panel	true	Show/hide the Trader's Desk panel

Note on Font Size & Line Spacing: The Info Window is auto-scaling, but on very small screens (laptops), some users may need to manually adjust font size and line spacing for optimal readability.

5.14 Trader's Desk Color Customization

Users can pick and combine any colors available in MT4/MT5. Buttons are grouped by type:

Parameter	Default	Button Group
Buy Buttons Color	LimeGreen	Buy and Add-Trd buttons
Sell Buttons Color	Salmon	Sell buttons
Close Buttons Color	LightBlue	Close-B, Close-S, Close-all
Other Buttons Color	DeepSkyBlue	Pending (x2), Cancel, B-Even, Trail-Stop
Panel Text Color	Black	All text on Trader's Desk
Panel Back Color	LightCyan	Background of Trader's Desk

5.15 General Settings

Parameter	Default	Description
Magic Number	12345	Unique identifier for EA-managed trades
Trades Comment	(blank)	Custom comment for trade identification

Parameter	Default	Description
Max Symbol Active Trades	100	Maximum concurrent trades per symbol
Maximum Allowed Spread	0.0	Max spread (in points) for trade entry. 0 = disabled.

SECTION 6: STRATEGY TESTER GUIDE

6.1 What the Strategy Tester Does

When you run a backtest, The Friendly PARTNER opens a trade after **every confirmed breakout candle** -- all four filters true.

Important: These entries are **NOT optimal entry points**.

They exist for one reason only: **to highlight where breakouts occurred** so you can optimize the four filters.

6.2 How to Set Up a Backtest

Step	Action
1	Set Use Only Active TF to true
2	In TF To Show In INFO Window , enable the timeframe you want to test (e.g., H1)
3	In Timeframes for Strategy Tester , enable the same timeframe and set Open Trades to true
4	You do NOT need to enable Timeframes for Alerts -- they are not used in backtesting
5	Run backtest over 3-6 months

6.3 Optimizing the Four Filters (Not Entries)

Step	Action
1	Review each breakout on the chart
2	Ask: "Does this look like a valid breakout to me?"
3	Too many signals? Tighten filters (lower Compression Index, increase Body Strength, decrease Wick Size)
4	Too few signals? Loosen filters (increase Compression Index, decrease Body Strength, increase Wick Size)

Step	Action
5	Repeat backtest with new values

6.4 Manual Verification Method (The Proper Way to Test Your Strategy)

Step	Action
1	Identify breakouts on higher timeframe (e.g., H1) from backtest
2	Go to lower timeframe (e.g., M5)
3	Apply the experienced trader strategy: Did price pull back? Did structure break?
4	Manually count wins and losses
5	Calculate risk-to-reward for each would-be trade
6	Build confidence in your strategy

Why this works: You are not trusting a backtest report. You are trusting your own analysis of historical price action.

SECTION 7: TECHNICAL SPECIFICATIONS

Specification	MT4	MT5
Platform	MetaTrader 4	MetaTrader 5
Language	100% MQL4-native	100% MQL5-native
External Dependencies	None (no DLLs)	None (no DLLs)
Backtesting	Fully compatible	Fully compatible
All-Aligned Logic	✗Not available	✓Available
Number of timeframes	7	10
Available timeframes	M1, M5, M15, M30, H1, H4, Daily	M1, M2, M3, M5, M10, M15, M30, H1, H4, Daily
Screen Scaling	Auto-scaling	Auto-scaling
Color Schemes	Fully customizable -- any MT4 colors	Fully customizable -- any MT5 colors

Specification	MT4	MT5
Alert Types	Pop-up, notification, mobile, sound (.wav)	Pop-up, notification, mobile, sound (.wav)
Max Open Trades	Configurable (default 100)	Configurable (default 100)

SECTION 8: GLOSSARY

Term	Definition
All-Aligned Logic	Proprietary system using virtual orders to align SL/TP with entry price (Ask for Buys, Bid for Sells). MT5 only.
ATR	Average True Range -- measures market volatility
Breakout	When price moves beyond a defined level of support or resistance
Compression Index	Proprietary filter measuring how tightly price has been compressed before a breakout
Context ID Workflow	The multi-timeframe breakout identification module

Term	Definition
Fractal	Natural swing high or low where price reversed direction
Impulse Candle Index	Proprietary filter measuring momentum strength of a breakout candle
Last Candle+ATR	Stop Loss type: SL at lowest/highest price of last closed candle + ATR buffer
Last Fractal+ATR	Stop Loss type: SL at fractal level + ATR buffer
Multi-trade Fragmentation	Splitting one order into multiple smaller trades to reduce slippage
Squeeze	Period of low volatility often preceding a strong breakout
Trader's Desk	The precision execution panel module
Virtual Orders	Technical mechanism used by All-Aligned Logic (MT5 only). Orders saved on MT5 for 4 weeks. VPS recommended for 24/7 execution.
VPS	Virtual Private Server -- keeps MetaTrader running 24/7

SECTION 9: TROUBLESHOOTING & FAQs

Q1: The Trader's Desk does not appear on my chart.

A: Wait for the first price tick after attaching the toolkit or changing timeframes. The panel appears automatically after one tick. This prevents zero ATR issues.

Q2: My stop loss was triggered even though price never reached my level.

A:

- **If you are on MT5:** Check that Stop Loss Version is set to "Aligned Entry/Exit". Without it, spread spikes can trigger stop losses unfairly.
- **If you are on MT4:** All-Aligned Logic is not available on MT4. Consider adding an MT5 account at your same broker (takes less than 5 minutes) to access this feature.

Q3: Do I need a VPS?

A: For day-to-day trading with your computer on -- no. For swing trading, holding positions overnight, or stepping away for extended periods -- yes. Your virtual orders (MT5 only) are saved but only execute when MetaTrader is running.

Q4: Why are there so many trades in my backtest?

A: The Strategy Tester opens a trade at EVERY confirmed breakout candle. These are NOT optimal entries. They exist only to help you optimize the four filters. Use the manual verification method (Section 6.4) to test your actual strategy.

Q5: How do I change button colors?

A: Go to settings table → Section 5.14 → Color Settings for Trader's Desk. You can pick any color available in MT4/MT5 for each button group.

Q6: The Info Window text is too small on my laptop.

A: Adjust **Font Size** and **Line Spacing** in the Info Window Appearance section of settings (Section 5.13).

Q7: What does "Candles Between Signals" do?

A: After a breakout signal, the next X candles will NOT generate a new signal -- even if all filters show true. Default is 3. Prevents late entries. Set to 0 to signal every breakout.

Q8: My broker rejected my stop loss. Why?

A: Check **Minimum Stop Loss in Points** setting. Set it slightly above your broker's minimum allowed stop loss distance. This overwrites ATR-based calculations.

Q9: Can I use The Friendly PARTNER on multiple symbols?

A: Yes. Attach the toolkit to each chart. Each instance runs independently with its own settings.

Q10: Why are M2, M3, and M10 missing in my MT4?

A: These timeframes are not available in MT4 due to platform limitations. MT5 users have access to all 10 timeframes.

Q11: I am on MT4. Can I get All-Aligned Logic?

A: Yes. Add an MT5 trading account at your same broker. Most brokers offer both platforms. The process takes less than 5 minutes. Once you have MT5, the full toolkit functionality becomes available.

Q12: Can I use negative values in Break Even Lock Profit?

A: Yes. Negative values move the stop loss to a percentage of the original SL distance behind entry (reduced risk, not zero risk). Example: Lock Profit = -0.5 moves SL to $0.5 \times$ original SL distance behind entry (50% risk remains).

Q13: Where do I set my lot size and volume calculation method?

A: All lot sizing is managed directly from the **Trader's Desk** panel on your chart. Use the **LOT** field to enter your position size, and the **TYPE** dropdown to select your volume calculation method (Fixed, Risk %, etc.). These settings are no longer in the settings table -- this simplifies your workflow and allows you to change position size on the fly without opening menus.

END OF REVISED REFERENCE DOCUMENT
