



Kiwi Gold Bot MT5

User Guide V3 - Grid, Martingale and Input Settings Explained

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1. Quick Start and Safe First Setup

Kiwi Gold Bot MT5 is designed primarily for Gold (XAUUSD). The current Market version defaults to Grid + Martingale mode, balance-scaled lot sizing, a 500-point grid step and a 33% daily drawdown limit. These are starting settings, not a promise of suitable risk for every account.

Installation

- In MetaTrader 5, open File > Open Data Folder.
- Copy the EX5 file into MQL5 > Experts.
- Restart MT5 or refresh the Navigator.
- Open an XAUUSD chart and attach Kiwi Gold Bot MT5.
- Enable Algo Trading and verify that the dashboard appears.
- Use demo testing before live trading.

FIRST-RUN CHECK

Confirm the symbol name, minimum lot, lot step, leverage, spread and hedging support with your broker.

Current default configuration

Setting	Default	Meaning
Trading Mode	Grid + Martingale	GridStrategy = true; MartingaleStrategy = true
Lot Sizing	Balance Scaling	0.01 lot per 2,000 account balance
Grid Capacity	20 positions	Maximum positions in one basket
Grid Step	500 points	Distance between grid additions
Signal Timeframe	M30	Timeframe used by the signal engine
Daily DD	33%	Based on start-of-day equity

2. Trading Modes Explained

The two switches GridStrategy and MartingaleStrategy define how positions are managed. Use the combinations below; Martingale should not be enabled by itself.

Mode	Grid	Martingale	Behaviour	Risk
Single Trade	False	False	One position at a time. No recovery grid.	Lowest
Grid	True	False	Adds equal-sized recovery positions at the grid distance.	Medium
Grid + Martingale	True	True	Adds grid positions and increases later volumes using the multiplier.	Highest

Single Trade Mode

What it does: Opens one strategy position and waits for it to close before beginning a new basket.

If increased / enabled: Not applicable - this mode is selected by turning both switches off.

If decreased / disabled: It avoids grid recovery and normally uses less margin.

Recommended: Suitable for conservative testing and users who do not want grid exposure.

Risk impact: Lower

Grid Mode

What it does: Adds positions at the configured GridStepPoints while keeping lot sizes equal or based on the normal sizing rule.

If increased / enabled: More grid levels or smaller spacing can improve recovery speed but increase exposure.

If decreased / disabled: Fewer levels or wider spacing reduce margin use but may extend recovery.

Recommended: Use GridStrategy = true and MartingaleStrategy = false.

Risk impact: Medium

Grid + Martingale Mode

What it does: Adds positions at grid intervals and multiplies later trade sizes by GridMartingaleMultiplier.

If increased / enabled: A larger multiplier can close baskets after a smaller retracement but raises drawdown quickly.

If decreased / disabled: A smaller multiplier reduces the acceleration of lot size and generally lowers risk.

Recommended: This is the default. Use conservative starting lots and sufficient free margin.

Risk impact: High

IMPORTANT

One grid basket is managed at a time. A new independent basket should not start while the current basket remains open.

3. Where to Find the Main Inputs

The screenshots below show the actual Kiwi Gold Bot MT5 input groups. The following pages explain what each high-impact setting changes in real trading.

Variable	Value
=== General Settings ===	
01 Magic	222
ab tcomment	Kiwi Gold Bot
TradeDirection	TRADE_BOTH
=== Trading Mode ===	
GridStrategy	true
MartingaleStrategy	true
Default: balance-scaled entry volume	LOT_BALANCE_SCALING
1/2 Fixed lot or base lot	0.01
1/2 0.01 lot per this balance	2000.0
1/2 Hard cap for automatic sizing	1.0
1/2 0 = disabled	0.0
1/2 Risk	0.0
UseRecoveryMode	false
1/2 RecoveryMultiplier	1.89
UseAggressiveMode	false
1/2 AggressiveMultiplier	1.89
01 Maximum positions in one grid basket	20
01 Distance for the first pending entry	10
SAR	true
=== Grid Mode Settings ===	
01 Distance between grid entries	500
BasketTakeProfitMode	BASKET_PER_001_LOT
1/2 Currency per 0.01 lot by default	1.0
BasketStopLossMode	BASKET_PER_001_LOT
1/2 0 = disabled	0.0
1/2 GridMartingaleMultiplier	1.5
CloseGridOnOppositeSignal	false
=== Exit Settings ===	
HiddenTakeProfit	false
01 TakeProfitA	0
01 TakeProfit	0
HiddenStopLoss	false
01 StopLossA	0
01 StopLoss	0
01 TrailingStopA	0
01 TrailingStopActivation	0
01 TrailingStopDistance	30
01 TrailingStopStep	10
01 totalSL	0
1/2 account currency, 0 = disabled	0.0
1/2 % of start-of-day equity, 0 = disabled	0.0
1/2 account currency, 0 = disabled	0.0
1/2 % of start-of-day equity, 0 = disabled	33.0
CloseAllOnMaxLoss	true
CloseAllOnDailyProfit	false
01 MaxSlippage	30

Kiwi_Gold_Bot_MT5_v1.21 1.21 (GOLD,M1)

CommonInputs

Variable	Value
1/2 MaxMarginUsagePercent	100.0
EnableDiagnosticLog	false
01 DiagnosticFirstBars	30
01 DiagnosticEveryNBars	100
=== Entry Quality Settings ===	
Conservative / Balanced / Frequent / Cus...	ENTRY_BALANCED
Custom mode: candle must agree with sl...	true
Custom mode: reject weak indecision ca...	true
1/2 Custom mode: candle body as % of full r...	35.0
01 Custom mode: cooldown after a basket cl...	3
=== Entry Signal Settings ===	
SignalTimeframe	30 Minutes
1/2 SARStep	0.02
1/2 SARMaximum	0.2
01 Used directly in Custom mode	5
01 PendingExpiryMinutes	0
CloseOnOppositeSignal	false
CancelPendingOnSignalChange	true
Used directly in Custom mode	true
01 Used directly in Custom mode	5
=== Spread Protection ===	
EnableSpreadProtection	true
01 MaxSpreadForTrading	500
=== Candle Size Filter ===	
EnableCandleSizeFilter	false
01 CandleLookback	20
1/2 MaxCandleSizeMultiplier	2.5
UseCurrentCandle	true
=== ATR Filter ===	
EnableATRFilter	false
01 ATRPeriod	14
1/2 MinATRMultiplier	0.5
1/2 MaxATRMultiplier	2.5
01 ATRLookback	50
=== Tick Activity Filter ===	
EnableTickActivityFilter	false
01 MinTicksPerTimePeriod	5
01 TickActivityPeriod	60
=== Time Settings ===	
ab TimeProtection	--- Time Settings -----
AllSessions	true
SydneySession	false
TokyoSession	false
LondonSession	false
NewYorkSession	false
Trading24h	true
Monday	true
ab MondayStartTime	08:00

LoadSaveOKCancelReset

BEST PRACTICE

Change only one high-impact input at a time and retest the same date range. Changing many values together makes it impossible to identify what improved or damaged the result.

4. Lot Sizing and Grid Risk

Lot Mode

What it does: LOT_BALANCE_SCALING automatically calculates volume from balance. Fixed lot uses the Lots input directly.

If increased / enabled: Balance scaling can compound growth as balance rises, but it also compounds losses.

If decreased / disabled: Fixed lot keeps exposure stable even when balance changes.

Recommended: Use balance scaling only after testing. Use fixed 0.01 for the simplest risk control.

Risk impact: High

Lots (0.01)

What it does: The base or fixed lot. It also acts as the base unit used by balance scaling.

If increased / enabled: Every basket and recovery level becomes larger.

If decreased / disabled: Profit and drawdown both become smaller.

Recommended: Begin with 0.01. Never increase only because a short backtest looks profitable.

Risk impact: Very high

Balance Per Base Lot (2,000)

What it does: Defines how much balance corresponds to 0.01 lot. At 2,000 balance, the base volume is 0.01; at 4,000 it is about 0.02, subject to broker rules and the lot cap.

If increased / enabled: A larger number makes scaling slower and more conservative.

If decreased / disabled: A smaller number makes lots grow faster and increases risk.

Recommended: Increase this value to reduce exposure. Avoid reducing it without long-period tests.

Risk impact: Very high

Maximum Calculated Lot (1.00)

What it does: Hard cap on automatically calculated volume.

If increased / enabled: A higher cap permits larger positions as the account grows.

If decreased / disabled: A lower cap prevents balance scaling or recovery from exceeding the chosen size.

Recommended: Use a cap appropriate to account size. Lower is safer.

Risk impact: Very high

Maximum Grid Levels (20)

What it does: Maximum positions allowed in one grid basket.

If increased / enabled: More levels provide additional recovery capacity but can consume substantial margin.

If decreased / disabled: Fewer levels cap exposure earlier but may reduce recovery flexibility.

Recommended: Do not increase above the default without stress tests. Many users should reduce it.

Risk impact: Very high

Grid Step Points (500)

What it does: Price distance required before the next grid position is added.

If increased / enabled: A wider distance means fewer positions and slower basket construction.

If decreased / disabled: A narrower distance means more frequent positions and faster margin use.

Recommended: Larger spacing is generally more conservative. Broker Gold point size must be considered.

Risk impact: High

Grid Martingale Multiplier (1.50)

What it does: Multiplies the volume of each later grid level in Grid + Martingale mode.

If increased / enabled: Faster recovery after a retracement, but position growth and drawdown accelerate.

If decreased / disabled: Smoother volume growth and lower margin demand, but recovery may be slower.

Recommended: Leave at default or reduce. Increasing is for experienced users only.

Risk impact: Extreme

5. Basket Exits and Daily Protection

Basket Take Profit Mode

What it does: Controls how the combined grid basket profit target is calculated: fixed account currency, currency per 0.01 lot, or percentage-based modes where available.

If increased / enabled: A larger target keeps baskets open longer for more profit but increases reversal risk.

If decreased / disabled: A smaller target closes baskets sooner and may smooth results.

Recommended: Per-0.01-lot mode scales the target with total basket volume and is the current default.

Risk impact: Medium

Basket Take Profit Value (1.0)

What it does: In the default per-0.01-lot mode, the target increases with total open volume.

If increased / enabled: Baskets remain open for a larger combined profit.

If decreased / disabled: Baskets close sooner with a smaller gain.

Recommended: Use small changes and compare average basket duration.

Risk impact: Medium

Basket Stop Loss Value (0)

What it does: Optional combined basket loss limit. Zero disables it.

If increased / enabled: A larger allowed loss gives more recovery room but permits deeper drawdown.

If decreased / disabled: A smaller loss limit exits troubled baskets earlier.

Recommended: Consider enabling a tested limit if you prefer defined basket risk.

Risk impact: High

Daily Profit / Daily Profit %

What it does: Stops new trading or optionally closes positions once the daily goal is reached.

If increased / enabled: A higher target allows more daily trading.

If decreased / disabled: A lower target locks the day sooner but may stop during normal opportunity.

Recommended: Keep disabled until you understand how it interacts with open baskets.

Risk impact: Medium

Max Loss % (33)

What it does: Daily drawdown control based on start-of-day equity.

If increased / enabled: A higher percentage permits deeper daily loss before protection activates.

If decreased / disabled: A lower percentage protects sooner but can close recoverable baskets.

Recommended: 33% is still a large loss threshold. Choose a level you can financially tolerate.

Risk impact: Very high

Close All on Max Loss

What it does: When enabled, the EA attempts to close its positions after the daily maximum loss is reached.

If increased / enabled: Enabled converts the limit into an active emergency exit.

If decreased / disabled: Disabled may stop entries while leaving current exposure open, depending on code behaviour.

Recommended: Leave enabled if using the daily loss control, and test market-closure behaviour.

Risk impact: High

RISK WARNING

Grid and Martingale do not remove losses. They postpone and reshape them. A strong one-directional Gold move can produce substantial floating drawdown before a recovery occurs.

6. Entry Quality, Signals and Filters

Entry Quality Mode (Balanced)

What it does: Selects a preset balance between stricter confirmation and trade frequency.

If increased / enabled: Frequent settings can produce more opportunities and more weak entries.

If decreased / disabled: Conservative settings reduce trades and may miss some profitable moves.

Recommended: Balanced is the default starting point. Compare across several years.

Risk impact: Medium

Signal Timeframe (M30)

What it does: The timeframe used for core signal calculations, even if the EA is attached to another chart timeframe.

If increased / enabled: Higher timeframes generally produce fewer, slower signals.

If decreased / disabled: Lower timeframes generally produce more noise and more trades.

Recommended: Keep M30 unless you have tested a replacement over several market regimes.

Risk impact: High

Breakout Lookback (5)

What it does: Number of recent bars considered when forming breakout levels in Custom mode.

If increased / enabled: Longer lookback requires a broader breakout and usually reduces signals.

If decreased / disabled: Shorter lookback reacts faster but can increase false breaks.

Recommended: Usually best left at default.

Risk impact: Medium

Market Entry Fallback

What it does: Allows a market entry if a pending setup does not trigger after the specified bars.

If increased / enabled: Can prevent missed trades but may enter at a less favourable price.

If decreased / disabled: Disabling preserves pending-entry purity but can reduce trade count.

Recommended: This affects Custom mode directly; leave unchanged unless comparing tests.

Risk impact: High

Spread Protection (500)

What it does: Blocks new entries when spread exceeds the configured point limit.

If increased / enabled: A higher maximum permits trading in more expensive conditions.

If decreased / disabled: A lower maximum filters more periods but may reduce trades.

Recommended: Keep enabled. Adjust to your broker's normal XAUUSD spread and point format.

Risk impact: High

Candle / ATR / Tick Filters

What it does: Optional quality filters for abnormal candle size, volatility regimes and low market activity.

If increased / enabled: Enabling can reduce weak conditions, but may also remove good trades.

If decreased / disabled: Disabling preserves the baseline entry frequency.

Recommended: The current defaults are off. Test one filter at a time.

Risk impact: Medium

7. Time, News and Operational Controls

Trading 24h / All Sessions

What it does: Allows trading throughout available broker sessions. When Trading24h is enabled, individual weekday hours may not restrict entries.

If increased / enabled: More market coverage and more trade opportunities.

If decreased / disabled: Custom session windows can avoid rollover or unsuitable hours.

Recommended: Use 24h only when spread protection is reliable. Otherwise define broker-time windows.

Risk impact: Medium

Weekday Start and End Times

What it does: Sets the permitted trading window for each enabled weekday.

If increased / enabled: Wider windows produce more opportunities.

If decreased / disabled: Narrower windows focus on selected sessions and reduce trading.

Recommended: Times use broker/server time, not necessarily local New Zealand time.

Risk impact: Medium

Trading Non-Farm Friday

What it does: Controls trading on the Friday associated with the US Non-Farm Payroll release.

If increased / enabled: Enabling exposes the EA to potentially extreme volatility and slippage.

If decreased / disabled: Disabling avoids that specific high-risk day condition.

Recommended: Current default is false. Conservative users should keep it disabled.

Risk impact: High

News Filter

What it does: Pauses new entries before and after qualifying economic events.

If increased / enabled: Longer before/after windows avoid more event volatility but reduce trading.

If decreased / disabled: Shorter windows allow more trades close to news.

Recommended: The default uses a 60-minute window each side. Calendar availability must be verified.

Risk impact: Medium

Diagnostic Log

What it does: Prints detailed reasons for entry blocks and trade decisions.

If increased / enabled: Useful for troubleshooting but creates more Journal output.

If decreased / disabled: Disabled keeps logs cleaner and can improve tester speed.

Recommended: Enable temporarily when diagnosing; keep off during normal operation.

Risk impact: Low

BROKER TIME

Session times and news timestamps depend on the broker server. Do not assume the displayed hour is New Zealand local time.

8. Practical Starting Profiles

These profiles are educational starting points, not optimized presets. Test them using the same broker, spread, commission, leverage and date range you intend to use.

Profile	Mode	Suggested approach
Conservative	Single Trade	Grid false; Martingale false; fixed 0.01; filters/default risk controls; demo forward test.
Grid - Lower Risk	Grid	Grid true; Martingale false; wider grid spacing; fewer maximum levels; small base lot.
Default Kiwi	Grid + Martingale	Current defaults: 0.01 per 2,000 balance, 20 levels, 500-point spacing, multiplier 1.50.
Aggressive	Grid + Martingale	Do not use simply by increasing multipliers or reducing spacing. Requires multi-year stress testing.

HOW TO TEST

Freeze a baseline, change one input, retest the same period, then repeat across 2023, 2024, 2025 and 2026. A result that improves only one month may be over-fitted.

Which settings have the largest effect?

- Highest impact: Lots, BalancePerBaseLot, MaximumGridLevels, GridStepPoints and GridMartingaleMultiplier.
- Medium impact: basket targets, entry quality, signal timeframe, spread and session filters.
- Low impact: interface colours, panel position and diagnostic display frequency.

9. Troubleshooting and FAQ

Why is the EA not trading?

What it does: Check Algo Trading, symbol name, spread, session hours, news window, entry quality and sufficient free margin. Enable Diagnostic Log temporarily.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Why did it open several trades?

What it does: Grid mode adds recovery positions after price moves by the configured distance. Grid + Martingale also changes later lot sizes.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Why is the next lot larger?

What it does: MartingaleStrategy is enabled and the next grid level is multiplied by GridMartingaleMultiplier.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

How do I reduce drawdown?

What it does: Reduce base lot, increase BalancePerBaseLot, widen GridStepPoints, reduce maximum levels, reduce the multiplier or use Grid/Single mode.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Can I run multiple charts?

What it does: Yes, but use a different Magic Number for each independent instance. Total symbol volume and margin still apply across the account.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Should I use a VPS?

What it does: A stable VPS can help keep MT5 running continuously and reduce interruptions. It does not guarantee better trading results.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Can I use other symbols?

What it does: The product is designed and branded for Gold/XAUUSD. Other symbols require independent testing and may behave very differently.

If increased / enabled: Not applicable.

If decreased / disabled: Not applicable.

Recommended: Use the diagnostic and risk-control steps described above.

Risk impact: Varies

Official resources

TopTradingEAs Store	Browse Expert Advisors and related products.
Trading Blog	Reviews, guides, settings and tutorials.
Kiwi Gold Bot Review	Official product review and future updates.
FXPro	Recommended broker link.
Tickmill	Recommended broker link.

RISK DISCLAIMER

Trading Gold and leveraged instruments involves substantial risk. Backtests and presets do not guarantee future profit. Use demo testing, appropriate position sizing and only capital you can afford to lose.