

RealGoldHunter V1.0 EA User Manual

Simple input parameter guide for EA users.

Point values: SL, TP, trailing, spread, slippage, and variance are broker points, not pips or dollars.

Time values use broker/server time.

Value Codes

Boolean inputs: true = enabled, false = disabled.

Lot mode: 0 = fixed lot, 2 = risk percent based on stop loss.

Loss mode: 0 = loss count, 1 = money amount, 2 = percent of balance.

Profit mode: 0 = winning trade count, 1 = money amount, 2 = percent of balance.

Equity protection mode: 0 = money amount, 1 = percent of balance.

News filter mode: 0 = all high-impact news, 1 = major red-folder style news only.

Dashboard Settings

InpShowDashboard - Shows chart panel with EA status, PnL, open trades, and risk status.

Possible: true or false.

InpDashboardSize - Changes dashboard size. Possible: 50 to 200.

Signal Detection

InpSignalStrength - Controls how strong a swing high/low must be. Higher value means fewer, stronger signals. Possible: minimum 1. Example: 4.

InpSignalLength - Controls how far back the EA looks for swing points. Possible: at least (SignalStrength * 2) + 1, maximum 500. Example: 50.

InpSignalsPeriod - Number of candles copied for signal scanning. Possible: at least

InpSignalLength. Example: 70.

Trading Time

InpStartHour - Hour when EA starts trading. Possible: 0 to 23.

InpStartMinute - Minute when EA starts trading. Possible: 0 to 59.

InpEndHour - Hour when EA stops placing new orders and clears pending orders. Possible: 0 to 23.

InpEndMinute - Minute when EA stops placing new orders. Possible: 0 to 59.

Friday Close

InpUseFridayClose - Stops trading on Friday after selected time and closes/cancels EA trades for the chart symbol. Possible: true or false.

InpFridayCloseHour - Friday hour to stop trading. Possible: 0 to 23.

InpFridayCloseMinute - Friday minute to stop trading. Possible: 0 to 59.

Trading Parameters

InpMagic - Unique ID used by the EA to recognise its own trades. Use a different magic number for different charts or strategies. Possible: any positive number. Example: 123456.

InpAggressiveMode - Declared as aggressive mode, but current EA source does not use it. Possible: true or false.

InpVariancePoints - Moves pending entries inside the swing level. Buy Stop uses swing high

minus variance; Sell Stop uses swing low plus variance. Possible: 0 or higher. Example: 50.

InpMaxRetries - Number of order placement retry attempts. Possible: 1 to 10.

InpSLPoints - Stop loss distance from entry in points. Possible: 0 or higher. Example: 300.

InpTPPoints - Take profit distance from entry in points. Possible: 0 or higher. Example: 1500.

InpMaxSlippagePoints - Maximum allowed trade execution deviation in points. Possible: 0 or higher. Example: 20.

InpMaxSpreadPoints - Spread setting is validated but current order code does not use it to block trades. Possible: minimum 1. Example: 50.

Lot Size Management

InpLotMode - Chooses fixed lot or risk-based lot calculation. Possible: 0 fixed lot, 2 risk percent.

InpFixedLotSize - Lot size used if fixed lot mode is selected. Possible: 0.01 to 100. Example: 0.01.

InpRiskPercent - Percent of equity risked per trade when risk mode is selected. Possible: 0.1 to 100. Example: 1.

Break Even

InpUseBreakEven - Moves stop loss to around entry once trade reaches trigger profit. Possible: true or false.

InpBreakEvenTriggerPoints - Profit in points required before break even activates. Possible: greater than 0 when enabled. Example: 500.

Trailing Stop

InpUseTrailingStop - Enables automatic stop-loss trailing after trade moves into profit. Possible: true or false.

InpTrailTriggerPoints - Profit in points required before trailing begins. Possible: greater than InpTrailOffsetPoints. Example: 1500.

InpTrailOffsetPoints - Distance/step used when moving trailing stop. Possible: greater than 0 and less than trigger. Example: 200.

Daily Risk Management

InpUseLossLimit - Stops EA for the day after selected daily loss limit is reached. Possible: true or false.

InpLossLimitMode - Measures daily loss by losing trades, money, or percent. Possible: 0, 1, or 2.

InpMaxLossesPerDay - Maximum losing closed trades per day in count mode. Possible: 1 to 50.

InpMaxLossesAmount - Maximum daily money loss in amount mode. Floating loss is included. Possible: 1 to 1,000,000.

InpMaxLossesPercent - Maximum daily percent loss in percent mode. Floating loss is included. Possible: 0.1 to 100.

InpUseDailyProfitStop - Stops EA for the day after selected daily profit target is reached. Possible: true or false.

InpDailyProfitMode - Measures daily profit by winning trades, money, or percent. Possible: 0, 1, or 2.

InpDailyProfitCount - Daily winning trade target in count mode. Possible: 1 to 100.

InpDailyProfitTarget - Daily money profit target in amount mode. Floating profit is included.

Possible: 1 to 1,000,000.

InpDailyProfitPercent - Daily percent profit target in percent mode. Possible: 0.1 to 100.

Overall Risk Management

InpUseOverallLossLimit - Hard stop for total losses since EA start. If triggered, EA removes itself from chart. Possible: true or false.

InpOverallLossMode - Measures overall loss by losing trades, money, or percent. Possible: 0, 1, or 2.

InpOverallLossCount - Maximum all-time losing closed trades in count mode. Possible: 1 to 1000.

InpOverallLossAmount - Maximum total money loss in amount mode. Floating loss is included. Possible: 1 to 10,000,000.

InpOverallLossPercent - Maximum total percent loss in percent mode. Possible: 0.1 to 1000.

InpUseOverallProfitLimit - Hard stop for total profit since EA start. If triggered, EA removes itself from chart. Possible: true or false.

InpOverallProfitMode - Measures overall profit by winning trades, money, or percent. Possible: 0, 1, or 2.

InpOverallProfitCount - All-time winning closed-trade target in count mode. Possible: 1 to 1000.

InpOverallProfitTarget - Total money profit target in amount mode. Floating profit is included. Possible: 1 to 10,000,000.

InpOverallProfitPercent - Total percent profit target in percent mode. Possible: 0.1 to 1000.

Equity Protection

InpUseEquityProtect - Pauses EA if account equity falls below protection threshold. Possible: true or false.

InpEquityProtectMode - Calculates threshold by money amount or percent. Possible: 0 amount, 1 percent.

InpEquityProtectPercent - Maximum equity drawdown percent from daily starting balance. Possible: 0.1 to 100.

InpEquityProtectAmount - Maximum equity drawdown money amount from daily starting balance. Possible: 1 to 10,000,000.

News Filter

InpStopTradingHighImpactNews - Pauses trading around relevant high-impact news events from MT5 calendar. Possible: true or false.

InpNewsFilterMode - Chooses all high-impact news or only major red-folder style events. Possible: 0 or 1.

InpNewsMinutesBefore - Minutes before news that EA stops placing trades. Possible: 1 to 120.

InpNewsMinutesAfter - Minutes after news that EA resumes trading. Possible: 1 to 120.

Important User Notes

Choose point distances that fit the symbol's price scale and broker specification.

Risk-based lot sizing still depends on broker minimum lot, maximum lot, lot step, volume limit, and free margin. The EA may reduce or reject the calculated lot.

Daily stops reset on the next broker/server day. Overall profit/loss stops are permanent for that EA run and remove the EA from the chart when triggered.