

Exness Zero Spread EA – Small Balance (LIVE-Ready) User Manual

1. Introduction

This Expert Advisor (EA) is designed for trading **XAU/USD on M5 timeframe** with small balance accounts. It includes:

- Commission calculation per lot
- Volatility filter (ATR-based)
- Trend filter (H1 EMA + M5 SMA/RSI)
- Advanced risk management for live trading
- Cooldown and minimum bar checks to prevent overtrading
- Flip-on-loss strategy
- London session filter

Recommended starting capital: \$1200

EA Version: 1.02

2. Installation

1. Copy the `.mq4` or `.ex4` file to `... \MQL4 \Experts \`
 2. Restart MetaTrader
 3. Attach the EA to the **XAU/USD M5 chart**
 4. Allow automated trading and DLL imports
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3. License & Activation

- **LicenseKey:** `ExnessZeroSpardes`
 - **Expiry Date:** 11 November 2025
 - EA will **not run** if license is invalid or expired.
 - Alerts will notify you in MT4/MT5 terminal.
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4. Inputs / Settings

Trade Settings

Parameter	Description
StopLossPips	Stop Loss in pips (default 100)
TakeProfitPips	Take Profit in pips (default 150)
MaxSpreadPips	Maximum spread allowed (default 120)
MagicNumber	Unique identifier for EA trades

Risk Management

Parameter	Description
UseRiskPercent	Enable dynamic lot sizing
RiskPercent	% of account equity risked per trade
FixedLots	Lot size if dynamic risk disabled

Trade Management

Parameter	Description
UseTrailingStop	Enable trailing stop
TrailingTriggerPips	Distance to trigger trailing stop
TrailingStopPips	Trailing stop distance
UseBreakEven	Enable break-even adjustment
BreakEvenPips	Distance for break-even activation

Strategy Filters

Parameter	Description
UseTrendFilter	Enable trend filter
TrendMAPeriod	H1 EMA period for trend detection
FlipOnLoss	Reverse trade after loss
UseLondonSession	Only trade within London session
LondonStartHour	Start of London session

Parameter	Description
LondonEndHour	End of London session
WaitForBarClose	Trade only on closed M5 bar
MinBarsBetweenTrades	Minimum bars between trades
MinSecondsAfterLoss	Cooldown period after a losing trade

Volatility & Commission

Parameter	Description
UseVolatilityFilter	Enable ATR filter
ATRPeriod	ATR calculation period
MaxATR	Maximum ATR allowed (pips-like)
CommissionPerLotPerSide	Commission per lot per side

5. Risk Management Plan (Small Balance)

1. Start with \$1200 initial capital.
2. Add \$100 every month as additional investment.
3. Stop trading for the month if you lose \$100.
4. Withdraw profits when available; reinvest only \$100.
5. EA enforces cooldown and minimum bar rules to reduce overtrading.

6. Live Trading Safety

- EA trades **only on closed bars** (`WaitForBarClose = true`)
- ATR volatility filter prevents trading during high volatility
- Minimum bars between trades prevent rapid re-entry
- Cooldown period after loss ensures no revenge trading
- Flip-on-loss reverses trade direction if previous trade lost

7. Commission Calculation

- EA calculates **commission per lot per side**
- Default: 3.50 USD per lot per side (Exness Zero Gold)
- Round-trip commission is included in lot sizing

8. Troubleshooting

- EA not opening trades: check **LicenseKey**, spread, volatility, or session filter
 - Invalid lot size: check `RiskPercent` and `FixedLots`
 - Trailing stop or break-even not updating: check `UseTrailingStop` / `UseBreakEven`
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9. Recommended Usage

- **Pair:** XAU/USD
- **Timeframe:** M5
- **Balance:** \$1200+
- **Account Type:** Exness Zero Spread (Live)
- **Avoid trading during major news**