

## 1. Overview

Aggressive Gold Grid EA v6 trades XAUUSD on M5 using a tight grid with scaling/Martingale lots. It targets total profit per cycle, manages risk with adjustable account percentage, and includes a visual dashboard. A configurable pause ensures safe breaks between cycles.

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## 2. Core Logic

### Trade Initiation

- EA monitors XAUUSD M5.
- Checks current open buy/sell orders.
- If no trades are open, waits for PauseBetweenCycles before starting a new cycle.

### Grid Logic

- Opens trades at a fixed GridDistance in points from last order.
- Both buy and sell directions are independent.
- Ensures tight grid for aggressive entries.

### Lot Sizing / Martingale

- BaseLot = BaseLot.
- Each additional order in same direction: lotSize \*= LotMultiplier.
- Maximum lot limited by MaxAccountRiskPct to prevent overexposure.

### Profit Target / Close Logic

- Calculates total profit from all open trades.
- Closes all trades once ProfitTarget is reached.
- Waits PauseBetweenCycles seconds before starting next cycle.

### Dashboard & Monitoring

- Displays: Open Buy/Sell Orders, Next Lot Size, Total Profit, Next Buy/Sell Prices.
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## 3. Step-by-Step Example

**Settings:** BaseLot=0.01, LotMultiplier=2, GridDistance=50 points, MaxAccountRiskPct=50%, ProfitTarget=\$50

**Step 1:** No trades open → wait PauseBetweenCycles.

**Step 2:** First buy and sell orders opened at Ask/Bid, lot size = BaseLot.

**Step 3:** Price moves → next buy/sell at grid distance, lot = BaseLot\*Martingale scaling.

**Step 4:** Multiple orders scale lot sizes using Martingale, respecting risk limit.

**Step 5:** ProfitTarget reached → all trades closed, timer starts.

**Step 6:** PauseBetweenCycles → wait before new cycle.

**Step 7:** Repeat cycle.

Summary	Table:	Step	Price	Action	EA	Action	Lot	Size
----- ----- ----- -----		1	No trades open	Wait pause	N/A		2	
Market opens		Open 1 buy, 1 sell	BaseLot		3	Price moves	Open next buy/sell at grid distance	
BaseLot × Mult		4	Price continues	Repeat grid with Martingale scaling	Increases		5	ProfitTarget
hit		Close all trades	—		6	PauseBetweenCycles	Wait before new cycle	
grid cycle		BaseLot		7	Repeat	Start next		

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## 4. Key Features

- M5 XAUUSD trading
- Aggressive tight grid + Martingale
- Grid-based total profit target
- High max orders per direction
- All-time trading, no filters
- Adjustable account risk
- Pause between trading cycles
- Visual dashboard
- Safe restart and stop control
- Fully customizable inputs

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**Disclaimer:** High-risk EA. Test on demo first. Past performance does not guarantee future results.