

# Job Request: Add Martingale Feature to Telegram Limit Copier EA

## Objective:

Enhance the existing Telegram Limit Copier EA by adding a martingale lot-sizing feature that automatically increases position size after losing trades until a profitable trade occurs, with flexible options and built-in risk protection.

## Core Requirements:

- On/Off Control: Add an option: UseMartingale = true/false.
- Starting Lot: Use the EA's existing fixed lot size input as the base starting lot (e.g., 0.01).
- Flexible Progression: By default, the lot size should double after each losing trade (0.01 → 0.02 → 0.04 → 0.08 ...). Provide an input where the user can edit the progression sequence manually (e.g., 0.01 → 0.03 → 0.06 → 0.12 ...). If no custom sequence is provided, the EA should use simple doubling.
- Limit on Steps: Input: MaxMartingaleSteps (example: 3). After this limit is reached without a win, the sequence resets back to the base lot.
- Reset Rules: Sequence resets after a winning trade, after the max steps are reached, or if martingale is switched off/on again.
- Reset on Win: Once a trade closes in profit, reset back to the base lot size.
- Compatibility: All existing features of the copier (entries, stop loss, take profit, etc.) should remain unchanged. The martingale feature should only affect the lot size.

## Risk Protection (Recommended):

- MaxLotSize: User can define a maximum allowed lot size (to avoid broker/account issues).
- MaxDrawdown% or MaxLoss\$: Stop martingale if this equity protection level is reached.
- Break-Even Option: Input to decide whether a breakeven trade (net 0 profit after costs) counts as a win (reset) or a loss (continue).
- Scope Control: Option to apply martingale globally (all trades share one sequence) or per signal/pair (each signal runs its own sequence).

## Example Scenarios:

- **Default (Doubling):** Start 0.01 → loss → 0.02 → loss → 0.04 → win → reset to 0.01.
- **Custom Sequence (User-defined):** Start 0.01 → loss → 0.03 → loss → 0.06 → win → reset to 0.01.
- **With Limit (Max Steps = 3):** Start 0.01 → 0.02 → 0.04 → 0.08 → (if still no win, reset back to 0.01).
- **Risk Example:** Doubling can escalate quickly (0.01 → 0.32 is already 32x bigger). That's why MaxLotSize and MaxDrawdown controls are important.

## Deliverables:

- Updated EA with martingale feature.
- Inputs for: On/Off switch, Maximum steps before reset, Custom lot sequence editor, Risk protection options.

- Documentation on how to configure the settings in detail.