

QuantumORB Pro

User manual

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1. Product overview

QuantumORB Pro is a fully automated Expert Advisor (EA) designed to offer precise and controlled trading execution in the financial markets. It does not use dangerous Grid or Martingale strategies.

The EA combines accurate operational timing and risk management with advanced mechanisms for partial exit, dynamic Break-Even, Trailing Stop, and customizable parameters for end-of-day closing or maximum holding time exits.

Main advantages of QuantumORB Pro:

- **Advanced Risk Management:** Precise control via fixed lot size or risk percentage based on account balance.
- **Flexible Exit Strategies:** Advanced options for Stop Loss, Take Profit, Partial Close, Break-Even, and Trailing Stop (including ATR-based and monetary limits).
- **Global Operational Control:** Strict time filters for both opening and closing positions.
- **No Grid / Martingale:** Maximum capital protection and drawdown control.
- **Integrated Control Panel:** On-screen customizable display to monitor EA status.

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2. Product versions

Version details and subsequent updates will be made available directly through official channels and MQL5.

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3. Technical requirements

Symbol	Any instrument / Indices / Forex (depending on optimization) – default XAUUSD
Timeframe	Customizable
Minimum Capital	$300 per 0.01 lot
Account Type	Raw, Zero, or ECN
Brokers	Any broker with low latency and low slippage
VPS	Highly recommended

4. Executing EA on the chart

Simply drag the EA onto the desired chart, configure the input parameters in the settings window, and verify that the **Algo Trading** button in MetaTrader's toolbar is enabled.

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5. Setting parameters table & detailed parameters description

Group / Parameter	Description
Money Management	
Lot size calculation method	Allows choosing between a fixed lot size (LOT_FIXED) or dynamic calculation based on a risk percentage of the account balance.
Fixed lot size (if LOT_FIXED selected)	Specifies the exact lot size when fixed lot mode is selected.
Risk percentage on balance	Defines the maximum percentage of balance to risk on a single trade. The EA calculates the required lot size based on Stop Loss and current balance
Maximum allowed lot size	Sets a cap on the maximum lot size the EA can open, providing an additional layer of capital protection.
Range evaluation for opening positions	
Range evaluation	Hours before current time
Use range 1 / 2 / 3	Use range on/off
Range 1 / 2 / 3 - Hour	Range starting hours
Range 1 / 2 / 3 - minute	Range starting minute
Trading Time - Closing	
End-of-day closing mode for open trades	Regulate automatic end-of-day position closure. You can choose to close all open positions or only those in profit, provided they reach the threshold defined in parameter below.
Minimum profit required for End-of-day closing	See above parameter
Closing time hour (0-23)	See above parameter
Closing time minutes (0-59)	See above parameter
Enable 'Close on maximum holding time' if in profit	When enabled, forces the closure of trades held longer than the specified time limit (in minutes), provided the trade is currently in profit.
Maximum holding time (in minutes)	See above parameter
Stop Loss Settings	
Stop Loss calculation mode (Pips, ATR, etc.)	Define whether SL is calculated using fixed pips or dynamically using an ATR multiplier.
Fixed SL in pips	Value for fixed pips
SL based on ATR multiplier	Value for ATR multiplier
Maximum SL in account currency (0 = disabled)	Allow setting a monetary cap in the account currency for Stop Loss (set to 0 to disable).
Take Profit Settings	
Take Profit calculation mode (Pips, ATR, etc.)	Define whether TP is calculated using fixed pips or dynamically using an ATR multiplier.

Fixed TP in pips	Value for fixed pips
TP based on ATR multiplier	Value for ATR multiplier
Maximum TP in account currency (0 = disabled)	Allow setting a monetary cap in the account currency for Take Profit (set to 0 to disable).
ATR Settings	
ATR indicator period	Specifies the period of the ATR indicator used for dynamic calculations.
Partial Close, BE & Trailing	
Partial close mode	Manage partial position closure (a percentage of initial lots) once a specified Risk:Reward ratio is reached.
% to close at Partial TP (1-99%)	Percentage of initial lots
Risk:Reward level for partial close	Risk:Reward ratio
Break-Even mode	Move the SL to entry level (plus/minus a small profit buffer) once price reaches the defined percentage of Take Profit or movement.
BE activation threshold (% TP or pips)	BE activation threshold in % or pips based on selected mode
Buffer above/below entry level for BE	BE buffer in % or pips based on selected mode
Trailing stop mode	Configure dynamic trailing stops to lock in profit as the price moves in favor of the trade. InpTrailMaxMoney sets an optional maximum monetary cap on trailing distance.
Trailing stop activation start	Trailing Stop activation value in % or pips based on selected mode
Trailing stop distance from current price	Trailing Stop distance in % or pips based on selected mode
Minimum trailing step (pips)	Minimum trailing step in pips
Max trailing distance cap in account currency (0 = off)	Allow setting a monetary cap on trailing distance in the account currency
Miscellaneous	
Unique EA magic number	Unique identifier allowing the EA to track and manage its own trades exclusively.
Opening trade comment	Comment on Open Trade Positions
Broker commission in USD per 1 lot (for internal calculations)	Broker commission per lot in USD, used internally by the EA for precise Break-Even and net profit calculations.
Alert sound on trade error	Self-explanatory setting
Show/hide control panel	Self-explanatory setting
Control panel X position	Self-explanatory setting
Control panel Y position	Self-explanatory setting
OnTester Settings	
Optimization criteria for Strategy Tester	Selectable optimization profile to guide Strategy Tester criteria during backtesting in MT5. A comprehensive description is provided writing your request in the **Comments or Reviews section** on the product page

6. Best Practice

- **Demo Testing:** Before running on a live account, intensively test parameter configurations on a demo account or in the MT5 Strategy Tester to ensure alignment with your risk tolerance.
- **Server Time Alignment:** Verify that operating times defined in InpStartHour / InpEndHour match your broker's server clock.
- **VPS Usage:** For continuous execution without network interruptions, hosting the EA on a low-latency VPS is strongly recommended.

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7. Troubleshooting

EA does not start / Does not appear on the chart

1. Restart MetaTrader 5.
2. Ensure the **Algo Trading** button in MT5's top toolbar is active.
3. Check the *Journal* (F2) or *Experts* tab for any error logs.

EA execution stops in Strategy Tester

1. Check error messages in the *Journal* tab.
2. If lot sizes or risk percentages are set too high relative to account leverage, trade execution may halt due to margin limits imposed by the broker.[1]
