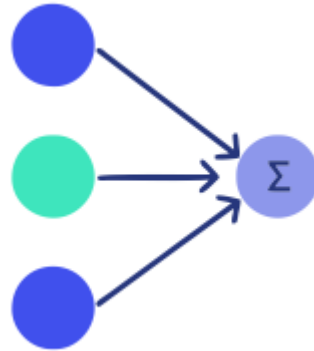


Grid Girl Pro and Perceptron EA manual for MT4 v2.x



Key Features

- Integrated AI

Leverages an innovative approach based on a single-layer perceptron neural network designed to identify recurring market patterns in real-time. No external connection is required: all processing is done internally to maximize speed and compatibility.

- Economic News Filter

Avoids trades during high-impact economic events, reducing exposure to unpredictable volatility.

- Intelligent Grid Strategy

Places orders at strategic intervals, capitalizing on price movements in both trending and ranging markets.

How does the security strategy work?

- **Profit Management Across Pairs:** The strategy only opens a position on a second pair when the balance of the current pair has reached at least half of the take profit. This ensures that each new position is opened only when the current pair has already generated a satisfactory profit level, reducing the risk of premature exposures.

- **Preventive Closure for Protection:** To add an extra layer of security, Perceptron closes all active pairs if the total profit drops below one-third of the take profit. This measure safeguards capital by preventing losses from accumulating excessively across multiple pairs.

- Adaptability and Efficiency

AI Perceptron is lightweight and optimized to ensure speed and precision without overloading MT4. It's perfect for intraday traders, scalpers, and anyone looking for a versatile automated system.

----- USAGE -----

IMPORTANT

NB: **Always disable news filter during backtesting** in Strategy Tester, otherwise, your IP address will be put on the economic news server's blacklist.

The program works on the news of the economic calendar. It checks news calendar and pause trade for specific pair if impact news coming. In the terminal settings, you need to add the news site to the list of allowed URLs. **Click Tools > Options > Expert Advisors**. Check the option "Allow WebRequests for listed URL:" and add **<https://nextexpertadvisors.com>** and **<https://nfs.faireconomy.media>**

Currency / Timeframe: Attach the EA to the M30 chart on EURUSD, AUDCAD, GBPAUD, EURGBP, EURCHF, AUDNZD

IMPORTANT: To open the zip file containing the sets and manual, ask me for the password in the [Comments section of the EA](#) or by pvt message on [mql5.com](https://www.mql5.com)

- [Use the sets provided and regularly withdraw profits from the account](#)
- **Do not use the bot on pairs other than those supported by the provided sets**
- Recommended VPS with low ping
- **Recommended minimum deposit: 1000\$ is enough to use the bot on multiple currency pairs. Don't use together with another EA if you don't have enough funds**
- Leverage – 1:300 or more
- After purchasing the bot, leave a message on comment tab and **subscribe to the channel** for the latest news, *updates*, and tips: <https://www.mql5.com/en/channels/nextexpertadvisors>
- **We recommend using Raw/Zero spread accounts.** However, on a standard account, it is advisable to set a **MAX spread** of 15 points.

----- EXPERT PARAMETERS -----

MAIN

- **Minimum points distance from the last order (NextOrderPoints):**
Sets the minimum number of points that must pass after the last executed order before opening another order in the same grid cycle.
- **Grid order multiplier (NextOrderLotMultiplier, must be > 1):**
This factor multiplies the lot size for subsequent grid orders. For example, if set to 1.2 and your first order's lot size is 0.01, the next will be 0.012, then 0.0144, and so forth.
- **Fixed Grid points multiplier (must be >= 1):**
This parameter represents the multiplication factor of the distance in points between a grid order and the next one.
- **Profit: close orders if this is reached (ProfittoMinimo):**
The profit level (in the account's currency) at which the EA will close all currently open orders.

- **Profit 1to3: close the first 3 orders if this is reached (ProfittoMinimoOne):**
The profit level (in the account's currency) at which the EA will close the first one to three positions if reached when there are 1-3 total orders open.
 - **Enable Trailing stop (UseTrailingStop):**
Enables or disables a trailing stop feature. A trailing stop adjusts the stop loss upward in a buy trade or downward in a sell trade as the price moves in a favorable direction, aiming to lock in profits.
 - **TrailingStop:**
The number of points for the trailing stop. As the price moves favorably, the stop loss is moved accordingly by this number of points.
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INDICATORS

- **RsiPeriod:**
The period used for calculating the RSI (Relative Strength Index).
 - **RsiOverbought:**
The RSI level above which the market is considered "overbought." Often used as a potential sell or short signal.
 - **RsiOversold:**
The RSI level below which the market is considered "oversold." Often used as a potential buy or long signal.
 - **Max Momentum (MOMup):**
The upper Momentum threshold. If Momentum surpasses this value, the EA may consider the market too strong in its uptrend for certain entries.
 - **Min Momentum (MOMdown):**
The lower Momentum threshold. If Momentum is below this value, the EA may consider the market too weak in its downtrend for certain entries.
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BOLLINGER

- **BB period (BollingerPeriod):**
The period for Bollinger Bands calculation, i.e., how many candles are used to compute the moving average and standard deviations.
- **BB deviation (BollingerDeviation):**
The number of standard deviations for Bollinger Bands. A higher value means wider bands.
- **Enable Breakout safety control**
A safety check in areas close to breakout levels. Set the Period (days) to calculate the breakout levels and set the safety distance points from these levels.
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NEWSFILTER

- **ENABLE Newsfilter (use_newsfilter):**

If enabled, the EA will use a news filter to halt trading before and after economic events to avoid unpredictable volatility. The calls to the economic news server are automatically disabled during backtesting. A safety check has been added in areas close to breakout levels.

- **Try to use a static Newsfilter (use_staticnewsfilter):**

An option mainly used in backtesting when real-time news data is not available. This simulates news conditions statically.

- **Stop trading for LOW impact events (minutiOffset):**

The number of minutes before and after a low-impact news event during which the EA will not open trades.

- **Stop trading for HIGH impact events (minutiOffsetHigh):**

The number of minutes before and after a high-impact news event during which the EA will not open trades.

OPTIONS

- **MAX spread (maxSpread):**

The maximum allowed spread (in points) for the EA to open a position. If the spread is higher, the EA avoids opening new trades.

- **Maximum allowed amplitude in points of the previous candle (riskyPoint):**

The maximum size of the previous candle (in points). If exceeded, the EA considers the market risky and may refrain from opening trades.

- **Waiting hours before placing an order of the same type (WaitingHours):**

The number of hours to wait before placing a new order of the same type (buy/sell) after a previous one has closed.

- **Lot size 1st order (lot_size):**

The initial lot size for the first order in a new grid cycle.

- **Lot size 2nd order (lot_size2):**

The lot size for the second order in the grid. This serves as a base before applying the multiplier.

BUTTONS

- **Enable or disable the buttons on the chart (EnableButtons):**

Show or hide interactive buttons on the chart for manual trading actions (e.g., sending buy/sell orders).

- **Lot size for orders from the buttons (ButtonLotSize):**

The lot size used when placing manual orders via the on-chart buttons.

Additional Parameters

- **commento (commento):**

A comment string added to each order opened by the EA. Useful for identifying which trades belong to this EA in the terminal and in the account history.

- **PAIRS:**

A descriptive field, possibly to list related symbols or make notes about the pairs the EA might be managing.

----- FAQ -----

- I change order to 0.01 0.01 lot and it seems like it can't close the order, is there any problem?

We do not recommend changing the lot sizes, because Perceptron does not close orders based on PIPs, but rather on current profit. In the settings for a 6K balance, for example, the current profit is set to 10 (account currency) for up to three positions, and 50 for a larger number of positions. If you do not reach these profit levels, the positions will not close.

- Can I use 6000 set file with the balance 1000 USD? I can see on your signal, the max drawdown is only 181.24

Nope!

- In Perceptron I see this error in the journal: 2025.01.27 17:29:32.788 AI Perceptron AUDCAD#,M30: NEA check error. Contact EA author on www.mql5.com

Remember to add <https://nextexpertadvisors.com> to the list of allowed URLs in MT4

- Since the robot is very strict, can I put 0.02 as starting lot for \$1000? Also, every chart says "news filter reading error". News filter is enabled, any idea what it could be?

Have you carefully followed all the instructions for configuring the bot? If you're seeing that error message, it means the 3 web addresses weren't correctly added to the allowed URLs in MT4; please check again. If you want to increase profits, you should adjust the "Profit" parameter, but keep in mind that higher profits also mean increased risks. It's up to you.