

MARIA NEWS MT5

v1.01 · User Guide

News straddle: buy stop + sell stop grid for news releases, with auto news mode and a live news table

MetaTrader 5 · HEDGING account · MT4 version available separately

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1. About PolyMaria

PolyMaria (polymaria.net) is a home for MetaTrader traders. On polymaria.net you will find the Maria robot family, thousands of robots, indicators and scripts for MT4 and MT5, free trading books, the Robot Builder and the PolyMaria desktop app.

Every Maria product comes with a full user guide like this one, and with support on our Telegram channel.

Where	Link
Website	https://polymaria.net
Telegram channel	https://t.me/polymaria_net
All products on MQL5	https://www.mql5.com/en/users/murodillo/seller

2. What Maria News does

Around a big economic release (Non-Farm Payrolls, CPI, FOMC and others) the price often jumps hard in one direction, but nobody knows which one in advance. Maria News trades this with a straddle: it places BUY STOP orders above the price and SELL STOP orders below the price, at the same distance. Whichever way the spike goes, the stops on that side are triggered. Every order has its own take profit and stop loss.

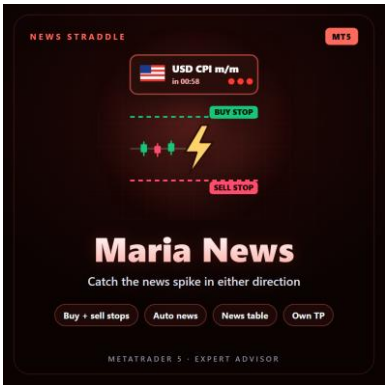
You can place the grid yourself with one click (Manual mode), or let the robot place it a set number of seconds before every news event you selected (Auto news mode). A weekly news calendar is shown right on the chart.

Key ideas

- **Two-sided stop grid.** 1 to 20 stops per side. The first one is "Start" away from the price, every next one a "Step" further.
- **Own TP and SL per order.** Set in the inputs or on the panel. Trailing stop, breakeven and a Total TP in money are optional.
- **Auto news.** Filters events by impact and by name, places the grid before the release and cancels the unfilled stops a few minutes after it.
- **Protection.** Spread guard, optional spike guard and OCO, and checks against the broker's stop level, margin and order limits before every order.
- **Robot-only orders.** Every button and every total uses only this robot's orders (its magic number and the chart symbol). Manual trades and other robots are never touched.

How a grid looks (3 stops per side, gold, Start 5, Step 5)

Level	Distance from price	Order type	Note
BUY 3	+15.00	BUY STOP	farthest buy stop
BUY 2	+10.00	BUY STOP	
BUY 1	+5.00	BUY STOP	nearest: Start distance
PRICE	**0**	—	Ask for buys, Bid for sells
SELL 1	−5.00	SELL STOP	nearest: Start distance
SELL 2	−10.00	SELL STOP	
SELL 3	−15.00	SELL STOP	farthest sell stop



Maria News places a buy stop above and a sell stop below the price before the release.

3. Installation

a) From the MQL5 Market

1. Buy or rent Maria News MT5 on the MQL5 Market.
2. In MetaTrader 5 open the Toolbox window (Ctrl+T) and go to the Market tab.
3. Open Purchased and press Install next to Maria News MT5.
4. The robot appears in the Navigator window under Expert Advisors → Market. Drag it onto a chart.

b) Manual file install on MT5

1. In MetaTrader 5 open File → Open Data Folder.
2. Open MQL5 → Experts and copy Maria News.ex5 there.
3. In the Navigator window right-click Expert Advisors → Refresh.
4. Drag Maria News onto a chart (for example XAUUSD). On the Common tab tick "Allow Algo Trading", then click OK.
5. Make sure the Algo Trading button on the toolbar is ON (green).

c) MetaTrader 4

Maria News is also available for MetaTrader 4 as a separate product. Install it the same way with the .ex4 file in MQL4 → Experts and the AutoTrading button.

d) Account type and news calendar

- **HEDGING account.** The buy and sell positions of a grid must stay open side by side. On a NETTING account the robot does not trade and shows "NETTING account: use a HEDGING one".
- **No WebRequest needed.** The news table and the Auto news mode use the economic calendar built into MetaTrader 5. Event times are already in your broker's server time.

> **TIP** The calendar list is refreshed every 15 minutes. If the calendar cannot be read, the panel and the news table show "MT5 calendar error" with the error number.

4. Quick start (5 steps)

1. Attach Maria News to **XAUUSD** (gold). For other symbols set the input **Distances are in = Points** first (see section 7).
2. Check that the account is HEDGING (section 3d). The news table at the bottom-left of the chart shows the next events from the MT5 calendar and a countdown.
3. On the panel set **Lot**, **Orders**, **Start**, **Step**, **TP** and **SL**. Dotted lines on the chart show where the nearest stops would go.
4. Before a release press **PLACE BUY STOP + SELL STOP**, or press **AUTO NEWS** and let the robot place the grid by itself before each matching event.
5. After the release cancel the stops that did not fill with the **X** buttons (Auto news does this by itself), and close trades with **CLOSE ALL** if you want to exit early.

IMPORTANT News trading is risky: spreads widen and orders can fill with slippage. Try every setting on a demo account first.

5. The panel and every button

The panel opens at the top-left of the chart. A second box to its right shows the grid levels. All values you type on the panel are used at once and remembered for this account, symbol and magic number.

Header

Element	What it does
Logo, symbol, timeframe	The chart symbol (for example XAUUSD) and its timeframe.
Candle timer	Time left until the current candle closes. It turns orange in the last minute.
HIDE / SHOW	HIDE folds the panel to the header row. SHOW opens it again.

Info rows

Row	Meaning
Balance / Equity	Account balance and equity. Equity is green above the balance, red below.
Free / Float P/L	Free margin, and the floating profit or loss of this robot's open trades.
Spread	Current spread and the spread guard limit, for example "$0.35 max $1.50 OK" in green or "WIDE" in red. Hover it to see the spread cost on 1 lot.

Mode switch

Button	What it does
MANUAL	You place the grid with the buttons. Auto news is off.
AUTO NEWS	The robot places the grid before every matching news event and cancels the unfilled stops after it (section 7). The line under the boxes shows the next event, for example "Next USD 15:30 2h5m" (time left until the release).

Value boxes and switches

Type a value and press Enter. Distance boxes show "$" in Price mode and "pt" in Points mode. A small ON/OFF switch next to a box turns that feature on or off.

Box	What it sets
Lot	Lot of every stop order (rounded to the broker's lot step).
Orders	Stop orders per side, 1 to 20. The level table gets one row per order.
Start	Distance from the price to the nearest stop on each side.
Step	Extra distance for every next stop.
TP (ON/OFF)	Take profit of each new order, measured from its entry price.
SL (ON/OFF)	Stop loss of each new order, measured from its entry price.
Trail (ON/OFF)	Trailing stop for open trades. It starts once the profit reaches this distance.
BE (ON/OFF)	Breakeven: after this price move in profit, the stop loss jumps to the entry price.
Total TP (ON/OFF)	Money target: when the floating profit of all this robot's trades reaches it, all stops are cancelled and all trades closed.
News sec	Auto news: how many seconds before the event the grid is placed (5 to 3600).
Cancel min	Auto news: minutes after the event to cancel unfilled stops (0 = never, up to 240).

> **TIP** TP, SL, Trail and BE switches apply to new orders (TP, SL) and to open trades (Trail, BE). Changing TP or SL does not modify orders that are already placed.

Order buttons

Button	What it does
PLACE BUY STOP + SELL STOP	Places the full grid on both sides in one click. Works only when this robot has no pending stops yet.
X (next to PLACE)	Cancels all pending stops of this robot on both sides. It is bright red while there is something to cancel.
Placed / Next line	Shows the nearest buy and sell stop prices: "Placed" after placing, "Next" for a preview.
At TP line	The money one order makes when it hits its take profit, or "Take profit off".
BUY STOP	Places only the buy side of the grid.
X (next to BUY STOP)	Cancels only the buy stops.
SELL STOP	Places only the sell side of the grid.
X (next to SELL STOP)	Cancels only the sell stops.
CLOSE ALL	Cancels all pending stops first, then closes all open trades of this robot. The button shows how many orders there are and their P/L.
Status line	The last action or warning, for example "6 BUY + SELL STOPS placed" or "Spread ... - not placed".

Level table (box to the right)

One row per grid level for each side, with its state: the price and "wait" for a pending stop, the price and live P/L for an open trade, "done" with the result for a closed trade, or "cancelled". The bottom line sums up: waiting stops, open trades with floating P/L, and closed P/L.

News table and news lines

- **News table** (bottom-left): the next events for the chart's two currencies (gold and silver use USD) with time, currency, event, forecast, previous value and a countdown. Colours: red = high, orange = medium, grey = low impact.
- Drag the table by its title bar. The **-** button collapses it.
- **News lines:** a dotted vertical line at every medium and high impact event, with a flag and the event name near the bottom of the chart. Hover a line for details.

6. Settings reference

All settings are in the robot's Inputs tab (press F7 on the chart, or right-click → Expert Advisors → Properties). Lines with "==========" are only section titles.

> **PICTURE** [Placeholder: the MT5 Inputs window pictures (settings 1 and 2) will be inserted here.]

Every input

Setting	Default	What it does
Website: polymaria.net	https://polymaria.net	Our website. Information only; it does not change trading.
Telegram channel	https://t.me/polymaria_net	Our support channel. Information only.
Mode	Manual	Manual: you place grids with the buttons. Auto news: the robot places a grid before each matching event. You can also switch it on the panel.
Distances are in	Price	Price: every distance is a price move (on gold 1.00 = a $1 move). Points: distances are in the symbol's points. Use Points for forex, indices and other symbols.
Lot size	0.01	Lot of every stop order.
Stop orders per side (1-20)	1	How many buy stops and how many sell stops one grid has.
First stop distance from price	5.0	Distance from the current price to the nearest stop on each side.
Step between stops	5.0	Extra distance between one stop and the next.
Take profit on new orders	true	Give every new order a take profit.
Take profit from entry	20.0	Take profit distance from each order's entry price.
Stop loss on new orders	true	Give every new order a stop loss.
Stop loss from entry	10.0	Stop loss distance from each order's entry price.
Trailing stop on open positions	false	Let the stop loss follow the price on open trades.
Trailing distance	5.0	Trailing starts once the profit reaches this distance; the stop loss then stays this far behind the price and only moves in the profit direction.
Breakeven on open positions	false	Move the stop loss to the entry price after a profit move.
Breakeven: move SL to entry after this price move	5.0	How far the price must move in profit before the stop loss goes to entry.
Total TP: close everything at a money target	false	Turn on the money target for all of this robot's trades.
Total TP: floating profit of all trades	10.0	The target in account money. When reached: all stops are cancelled and all trades closed.
Spread guard (% of first stop distance)	30	No stops are placed while the spread is wider than this % of the Start distance. Auto news waits until the spread is back to normal. 0 = off.

Setting	Default	What it does
Spike guard: close a fill that slipped too far	false	If a stop fills far beyond its price (big slippage), close that trade at once.
Spike guard: max slippage (% of first stop distance)	50	How much slippage is allowed before the spike guard closes the trade.
OCO	false	When one side of a grid fills, cancel the other side's stops of the same grid.
Auto news: which news to trade	High only	Impact filter for Auto news: High only, Medium + high, or All news.
Auto news: seconds before the event	60	When the grid is placed before the release. The robot never places it later than 3 seconds before.
Auto news: minutes after the event to cancel	5	Unfilled stops of the Auto grid are cancelled this long after the release. 0 = never.
Auto news: only events whose name contains	Non-Farm, CPI, FOMC, ...	Comma list of words. Only events whose title contains one of them are traded. Default: Non-Farm, CPI, FOMC, Federal Funds Rate, Fed Interest Rate, Unemployment Rate, GDP, Retail Sales, PCE. Hyphens are ignored, so "Non-Farm" also matches "Nonfarm Payrolls". Empty = all events.
Auto news: skip while the last price is older than N sec	10	If no new price arrived for this many seconds (frozen feed), Auto waits. 0 = off.
Auto news TEST	0	Adds a fake high-impact USD event N minutes after you attach the robot, so you can watch the full Auto cycle on a demo account. 0 = off.
News table on chart	true	Show the news table, filled from the MetaTrader 5 economic calendar.
News table: which news to show	All news	Impact filter for the table only (Auto news has its own filter).
News: dotted vertical line at each event	true	Draw a vertical line for every medium and high impact event.
News: extra hours shift	0	MT5 calendar times are already in server time. Use this only if the times still look off by whole hours.
Magic number	250411	Marks this robot's orders. Use a different number on each chart of the same symbol.
Max slippage when closing, points	100	Maximum slippage allowed when the robot closes a trade.
Strategy Tester only: simulated news every N hours	4	In the tester, while Auto news is off, the robot simulates a release every N hours to test the grid. Live trading never uses it.

TIP Values typed on the panel are remembered. If you change the inputs and press OK, the panel takes the new input values. Removing the robot from the chart also resets the panel to the inputs.

7. Tips: how the features work together

One Auto news cycle

Time	What happens
Any time	The calendar is refreshed every 15 minutes. The panel line shows the next matching event and a countdown.
60 s before	The grid is placed (News sec). If the spread is too wide or the price is frozen, Auto waits and checks again every second.
3 s before	Last moment to place. If the grid is still not placed, the event is skipped and the reason is shown.
Release	The spike triggers the stops on one side. Their TP and SL take over; trailing, breakeven and Total TP work if they are on.
5 min after	The unfilled stops of the Auto grid are cancelled (Cancel min). Grids you placed by hand are never cancelled by Auto.

> **TIP** Auto news skips an event if this robot still has pending stops from an earlier grid. Cancel old stops with X before the next release.

Spread guard, spike guard and OCO

- **Spread guard** protects the entry: if the spread already covers a big part of the Start distance, a spread jump alone could trigger the stops, so no grid is placed.
- **Spike guard** protects the fill: a stop that filled far beyond its price is closed at once instead of waiting for the stop loss.
- **OCO** keeps only the winning side: as soon as one side fills, the other side's stops are cancelled, so a whipsaw cannot open both directions.

Settings for other symbols

The default distances (5.0 in Price mode) are made for gold. For other symbols set "Distances are in" = Points and use points. These are starting points only; test on demo:

Symbol	Distances are in	Start / Step	Equals about
XAUUSD (gold)	Price	5.0 / 5.0	$5 move
EURUSD, GBPUSD (5 digits)	Points	150 / 100	15 / 10 pips
USDJPY (3 digits)	Points	150 / 100	15 / 10 pips

Set TP, SL, Trail and BE in the same unit. In Points mode all panel boxes show "pt".

Several charts

Running Maria News on two charts of the same symbol? Give each chart its own Magic number, so each robot only sees its own orders.

8. Troubleshooting

Message or problem	What to do
"Turn on AutoTrading"	Press the Algo Trading button on the toolbar and tick "Allow Algo Trading" in the robot's Common tab.
"NETTING account: use a HEDGING one"	The grid needs buy and sell positions side by side. Open a HEDGING account (most brokers offer both types).
"MT5 calendar error N"	The terminal could not read its economic calendar. Check the connection to the broker server; the robot tries again on the next refresh.
News times are off by whole hours	Set "News: extra hours shift" (for example 1 or -1).
"Not gold: set 'Distances are in' = Points"	You are on a non-gold symbol in Price mode. Set the input to Points and enter distances in points.
"Broker minimum distance is ..."	Start, TP or SL is closer than the broker allows. Increase them.
"Spread ... > max ... - not placed"	The spread is too wide right now. Wait, or raise the spread guard %.
"Margin: need ... for N orders"	Not enough free margin for a full side of the grid. Lower the lot or the number of orders.
"Pending stops already exists"	This robot already has stops on the chart. Cancel them with X first.
"Broker order limit N reached"	The broker allows only N orders. Use fewer orders per side.
"Auto: event skipped - ..."	The reason follows the dash: old stops still pending, the release time was reached before placing, wide spread or a frozen price.
Strategy Tester	Panel buttons cannot be clicked in the tester. While Auto news is off, the robot simulates a release every N hours (last input), scales distances to the tested symbol and places the grid by itself.

Where to look

- **Experts tab** (Toolbox window): every action of the robot, orders placed, cancelled or closed, and the reason of a failure.
- **Journal tab**: platform messages, for example connection or trading permission problems.

Send screenshots of both tabs to t.me/polymaria_net when you ask for help.

9. Risk warning

Trading leveraged products such as gold and currencies carries a high risk of loss. News releases are the most volatile moments of the market: spreads widen, prices can gap, and stop orders can fill with large slippage, sometimes on both sides of the grid. Past results do not guarantee future results. Start on a demo account, use small lots, and only trade money you can afford to lose. The author is not responsible for losses caused by using this software.

10. Support and links

Questions, ideas or a problem? Write to us on Telegram. Please include the robot name, your MetaTrader build and screenshots of the Experts and Journal tabs.

Where	Link
Website	https://polymaria.net
Telegram channel	https://t.me/polymaria_net
All products on MQL5	https://www.mql5.com/en/users/murodillo/seller