HyperPILOT

COMMAND EVERY TRADE

User Manual

Smart trade management EA for MetaTrader 5

Version 1.39 · HyperALGO Series

CONTENTS

What is inside

01	Introduction	3
02	Getting started	5
03	TRADE panel	6
04	SCALP panel	9
05	TRADE BAR	10
06	TRIGGER	11
07	GUARD	12
08	Themes	13
09	NEWS	14
10	WATCHLIST	15
11	STATS	16
12	KEY LEVELS	17
13	DRAW	17
14	Price HUD and chart extras	18
15	AUTO TRADE (HyperPOWER signals)	19
16	NEWS TRADE	21
17	Status strips and compact views	23
18	Input reference	25
19	Tips and FAQ	30



HyperPILOT with every window open (NAVY theme). Each window is described in its own section.

SECTION 01

Introduction

HyperPILOT is a trade management EA for MetaTrader 5. By default it does not trade on its own: you decide the trade, and HyperPILOT places it, sizes it, manages it and closes it according to your rules, all from panels on the chart. Two optional modes can open trades for you: AUTO TRADE (signals of the HyperPOWER indicator) and NEWS TRADE (a stop bracket before a news release).

Key features

- **One toolbar** opens every tool: stats, watchlist, trade panel, trade bar, scalp panel, triggers, guard, key levels, drawing tools, news, price HUD and screenshots.
- **Risk-based entries** – fixed lot, risk % of balance or equity, or a fixed $ risk. SL in points or ATR, up to 3 take-profits with R:R lock.
- **Staging box** – preview entry, SL and TPs as a box on the chart, drag it into place, then place market or pending orders.
- **Auto management** – pure TP, step SL (BE after TP1, SL to TP1 after TP2) or trailing, plus partial close and BE for all.
- **Virtual SL / TP** – optional hidden levels kept by the EA instead of the broker, shown as lines on the chart.
- **Chart triggers** – horizontal line, trendline or box entries that fire on CLOSE, BREAK or TOUCH.
- **SCALP panel and TRADE BAR** – one-click execution with layers, horizontal or vertical slim bar.
- **GUARD** – daily loss limit, daily profit target and max trades per day, with an optional auto close.
- **Built-in analytics** – STATS dashboard with sessions, symbols and a P/L calendar; WATCHLIST with floating P/L per pair.
- **Market context** – today's economic news with chart lines, key levels (PD/PW/PM, sessions, pivots, swings), price HUD.
- **Three themes** – DARK, NAVY and LIGHT, or follow the theme of a HyperALGO indicator on the same chart.
- **AUTO TRADE** – trades the HyperPOWER BUY / SELL signals with its own lot, SL (ribbon, points or ATR), TP 1–3, BE and trailing, sessions and news filter.
- **NEWS TRADE** – places a buy stop / sell stop bracket 45 s before the news you pick, with OCO, layers, TP 1–3, BE and trailing.
- **HyperPOWER integration** – both products arrange their toolbars and windows on the same chart without overlapping and share one theme.

Requirements

- MetaTrader 5 (any broker, netting or hedging account; hedging recommended for multi-TP groups).
- Algo Trading enabled in the terminal and "Allow Algo Trading" ticked in the EA properties.
- For the forex-factory news feed: add https://nfs.faireconomy.media under Tools › Options › Expert Advisors › Allow WebRequest. The NEWS window also reads the built-in MT5 calendar, which needs no setup.

Installation

- Copy HyperPILOT.ex5 into MQL5/Experts (or install it from the Market – it appears under Navigator › Expert Advisors › Market).
- Drag HyperPILOT onto the chart you want to trade. Use one instance per chart.
- Check the inputs (section 18), keep the default 0.01 fixed lot for your first test, and press OK.

> **IMPORTANT** Start on a demo account. The default lot mode is a FIXED 0.01 lot so a mis-click costs as little as possible.

SECTION 02

Getting started

On first attach HyperPILOT shows only a small icon at the top of the chart. Click it to open the toolbar, then open the windows you need.



Collapsed: only the HyperPILOT icon is shown at the top centre of the chart.



Expanded toolbar.

The toolbar

Button	Opens / does
Logo	Collapses or expands the toolbar.
STATS	Trading statistics dashboard (section 11).
WATCH	Watchlist with spread, floating P/L and positions per symbol (section 10).
TRADE	Main trade panel: TRADE, RISK, MANAGE, CLOSE and AUTO tabs plus settings (sections 3 and 15).
BAR	Slim trade bar, horizontal or vertical (section 5).
SCALP	Compact one-click scalping panel (section 4).
TRIGGER	Line, trendline and box entry triggers (section 6).
GUARD	Daily loss / profit / trade-count protection (section 7).
LEVEL	Key levels on the chart (section 12).
DRAW	Drawing tools: lines, boxes, long/short tool, alerts, text (section 13).
NEWS	Today's economic calendar with chart lines (section 9) and NEWS TRADE (section 16).
HUD	Price HUD in the chart corner (section 14).
SNAP	Saves a PNG screenshot of the chart to MQL5/Files/HyperPILOT.
LAYOUT	Resets every window to the automatic layout.
Status strips	AUTO TRADE (under TRADE) and NEWS TRADE (under NEWS) – shown only while those modes are on (section 17).
Theme	Cycles DARK › NAVY › LIGHT.
− % +	Scales the toolbar and all windows (zoom in %).

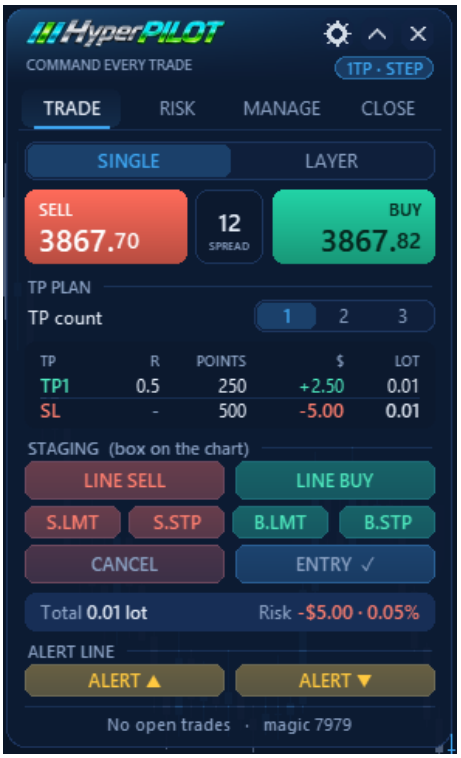
Windows and layout

- Every window has a header with minimise (˄) and close (×). Drag a window by its header.
- Windows open in an automatic layout under the toolbar: STATS | WATCH | TRADE | SCALP | TRIGGER + NEWS | GUARD + KEY LEVELS | DRAW. The top-right corner stays free for the HUD.
- When you close or minimise a window, the one below it moves up. On a narrow chart, a column that does not fit is placed under the shortest column.
- A window you drag yourself leaves the automatic layout and stays where you put it – also after switching chart tabs, changing timeframe or restarting MT5. Press LAYOUT to return all windows to the automatic layout.
- The magnet (input, default ON) snaps windows to each other and to the chart edges while you drag.

SECTION 03

TRADE panel

The main panel. It plans the trade (lot, SL, TPs), shows it as a box on the chart and places the orders. Four tabs: TRADE, RISK, MANAGE and CLOSE; the gear opens SETTINGS.



TRADE tab

SINGLE / LAYER – SINGLE opens one group split into 1–3 TP legs. LAYER opens several legs spaced by the layer spacing (limit or stop legs, see inputs).

SELL / BUY – market order with the current plan. The middle box shows the spread in points.

TP PLAN – choose 1, 2 or 3 TPs. The table shows R, distance in points, $ result and the lot of each TP and of the SL.

Lot per TP – EQUAL splits the lot evenly. CUSTOM lets you type the lot (fixed mode) or % share (risk modes) of each TP.

STAGING – LINE SELL / LINE BUY puts a staging box on the chart: entry, SL and TP lines you can drag. S.LMT, S.STP, B.LMT, B.STP stage a pending order. ENTRY ✓ places it, CANCEL removes the box.

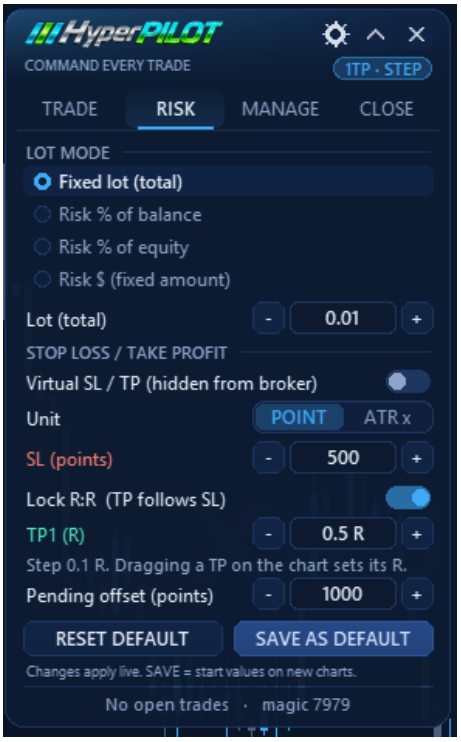
Total / Risk – total lot and the money and % at risk for the current plan.

ALERT LINE – ALERT ▲ / ▼ adds a price alert line above or below the price (see below).

Alert lines

- A new alert line is dashed and free: drag it to the price you want.
- Double-click the line to lock it. A locked line turns dotted and cannot be moved by accident. Double-click again to free it.
- Right-click a free line to delete it. When price crosses a locked line you get a popup, sound and (optional) push notification.

> **TIP** Dragging a TP line of the staging box changes its R value; with Lock R:R on, the TPs follow when you move the SL.



RISK tab

LOT MODE – Fixed lot (total), Risk % of balance, Risk % of equity, or Risk $ (fixed amount). In fixed mode the lot is the total, split over the TPs.

Virtual SL / TP – when on, SL and TP are not sent to the broker. HyperPILOT closes the position itself and draws the levels as SL / TP lines on the chart; the trailing stop moves those lines. The EA must stay running (use a VPS).

Unit – SL / TP in POINT or ATR multiples.

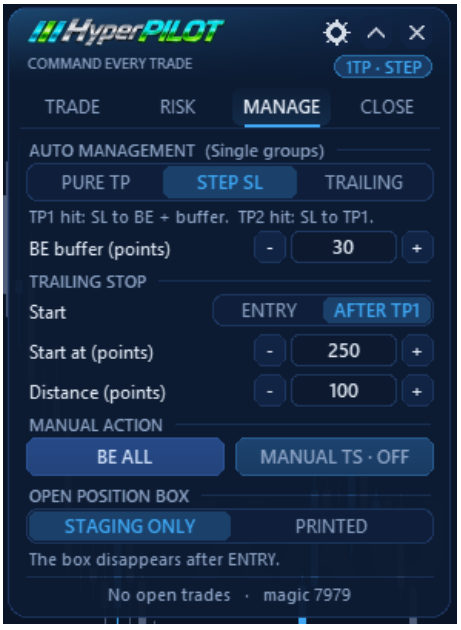
SL – stop distance.

Lock R:R – TPs are set as multiples of the SL (R). Step 0.1 R.

TP1…TP3 (R) – target of each TP. With Lock R:R off they are set in points or ATR.

Pending offset – distance of a new pending staging box from price.

RESET DEFAULT / SAVE AS DEFAULT – changes apply live; SAVE stores them as start values for new charts.



MANAGE tab

AUTO MANAGEMENT for SINGLE groups:

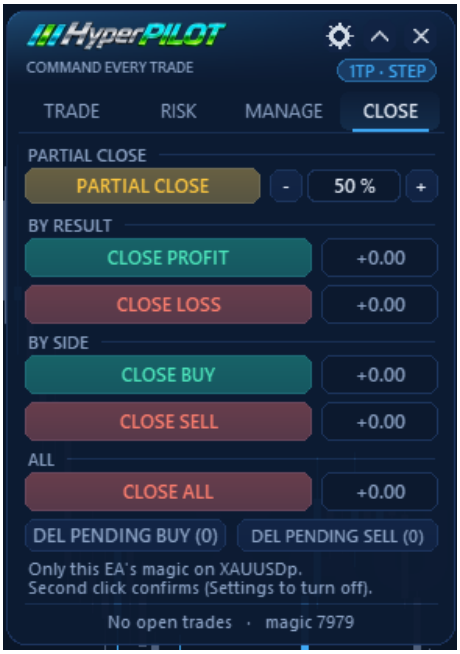
- **PURE TP** – no SL changes, each leg runs to its own TP or SL.
- **STEP SL** – TP1 hit: SL to break-even + buffer. TP2 hit: SL to TP1.
- **TRAILING** – trailing stop on the remaining legs.

BE buffer – points added beyond entry when moving to break-even.

TRAILING STOP – start from ENTRY or AFTER TP1, start profit and trailing distance in points.

MANUAL ACTION – BE ALL moves every SL to break-even now; MANUAL TS toggles a trailing stop on all positions.

OPEN POSITION BOX – STAGING ONLY hides the box after entry; PRINTED keeps an entry/SL/TP box on the chart for each open group.



CLOSE tab

PARTIAL CLOSE – closes the set % of every position.

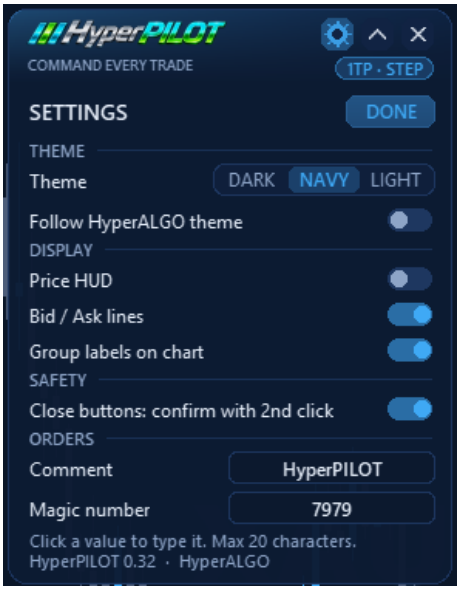
BY RESULT – CLOSE PROFIT closes only winning positions, CLOSE LOSS only losing ones. The current P/L of each group is shown on the right.

BY SIDE – CLOSE BUY / CLOSE SELL.

ALL – CLOSE ALL.

DEL PENDING BUY / SELL – deletes pending orders (count in brackets).

Only positions with this EA's magic on the chart symbol are affected. With the safety setting on, every close button needs a second click to confirm.



SETTINGS (gear icon)

Theme – DARK, NAVY or LIGHT.

Follow HyperALGO theme – when a HyperALGO indicator is on the same chart, HyperPILOT uses its theme.

Price HUD / Bid & Ask lines / Group labels – display options.

Close buttons: confirm with 2nd click – safety for all close buttons.

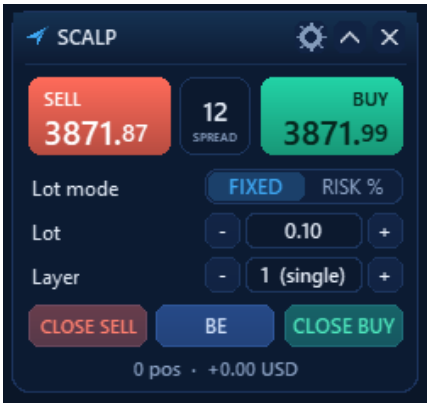
Comment / Magic number – click to edit. Default comment HyperPILOT, magic 7979. Max 20 characters.

The badge under the logo (e.g. 1TP · STEP) shows the current TP count and management mode. DONE returns to the tabs.

SECTION 04

SCALP panel

A compact panel for fast one-click entries. Its lot is independent from the TRADE panel, so changing one never overwrites the other.



Basic view



With settings (gear) open

- **SELL / BUY** – opens immediately at market (or needs a double click, see Open with).
- **Lot mode** – FIXED lot or RISK % (risk mode needs SL / TP on).
- **Layer** – number of positions per click (1 = single).
- **SL / TP** – optional SL and TP in points for scalp entries (gear).
- **Layer lot** – PER POS: each layer gets the lot. SPLIT: the lot is the total, split over the layers.
- **Layer step** – market (all at once) or a distance in points between layers (the extra layers are pending orders).
- **Open with** – 1 CLICK or 2 CLICKS for safety.
- **CLOSE SELL | BE | CLOSE BUY** – close one side or move all SLs to break-even. The footer shows open positions and floating P/L.

SECTION 05

TRADE BAR

A slim one-line trade bar for traders who want maximum chart space. It can lie horizontally at the bottom or stand vertically at the chart side.



Horizontal bar



Vertical (right side)



Vertical (left side)

Items

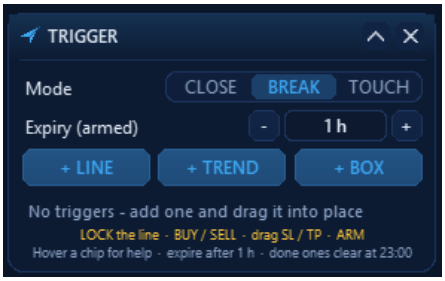
- ⠿ **handle** – drag the bar.
- **SELL / BUY** – market order using the TRADE panel plan. Spread between them.
- **S-LINE / B-LINE** – staging box for a sell / buy.
- **FIX / R%B / R%E / R$** – click to cycle the lot mode.
- **− lot +** – lot or risk value.
- **SL / TP** – SL distance and TP1 in R; click to edit.
- **1TP / 2TP / 3TP / LAYER** – TP count or layer mode.
- **BE** – break-even all. **TS** – manual trailing on/off.
- **CLOSE ▾** – opens BUY, SELL, PROFIT, LOSS, ALL, PEND. Each needs a confirm click (OK?).
- **pos / P/L** – open positions and floating result.
- □ – opens the TRADE panel. **last icon** – switch horizontal / vertical.

NOTE Vertical text reads bottom-to-top on the left half of the chart and top-to-bottom on the right half, so it always faces the chart. A new vertical bar starts at the right edge.

SECTION 06

TRIGGER

Chart-based entries that wait for price. Draw a line, trendline or box, lock it, choose the side, adjust SL / TP with a rectangle and arm it. When the condition is met the trade opens with the TRADE panel Single settings.



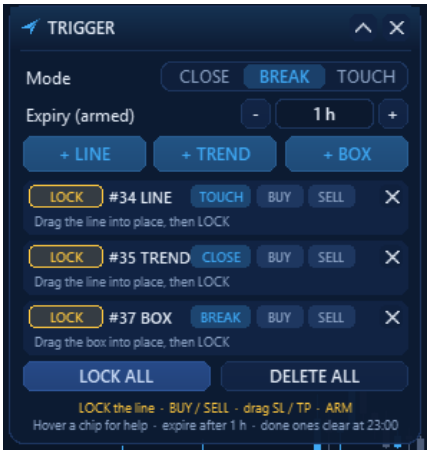
Modes

Mode	Fires when
CLOSE	a candle closes beyond the level (confirmed break).
BREAK	price trades through the level (immediate entry).
TOUCH	price touches the level (bounce entry).

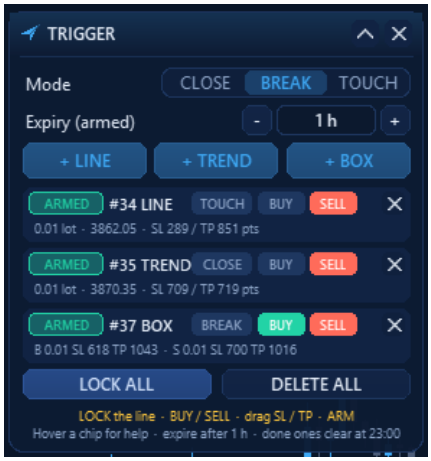
The mode chip of each trigger can be changed in the list. **Expiry (armed)** sets how long an armed trigger stays alive (in hours; off = never).

Step by step

Step	What to do	Chip shows
1	Click + LINE, + TREND or + BOX. The object appears on the chart; drag it (or its ends) into place.	LOCK
2	Click LOCK. The object can no longer move by accident and gets a thicker line.	BUY/SELL?
3	Click BUY or SELL in the list. An SL / TP rectangle (like the DRAW long/short tool) appears at the entry. For a box you can pick BUY and/or SELL: the top edge is the buy break, the bottom edge the sell break, and they work as OCO (one cancels the other).	ARM
4	Drag the SL and TP zones to the levels you want. Lot, SL and TP in points are shown in the list.	ARM
5	Click ARM. Only armed triggers can fire.	ARMED
6	When the condition is met the order is sent. The trigger turns grey.	DONE



Step 1: triggers waiting for LOCK



Step 5: armed triggers with lot, SL and TP

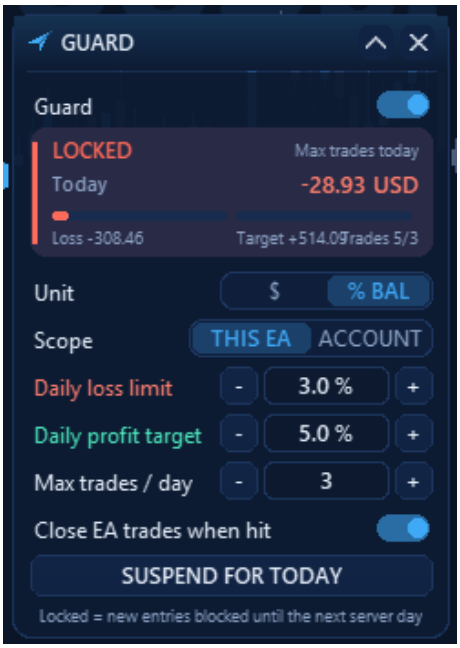
- Hover a chip to see a help bubble. Click the chip again to unlock and edit.
- × deletes one trigger; LOCK ALL and DELETE ALL work on the whole list.
- Fired and expired triggers are removed at 23:00 server time (input).
- For a trendline the level is calculated at the current candle, so the entry follows the slope.

> **IMPORTANT** A trigger that is not ARMED never trades – even if price crosses it. This protects you while you are still placing it.

SECTION 07

GUARD

Daily account protection. When a limit is hit GUARD blocks new entries until the next server day and can close this EA's trades.



Guard – master switch. The card shows OFF / ACTIVE / LOCKED, today's P/L, a bar between the loss limit and profit target, and trades today against the maximum.

Unit – limits in $ or % of the day's start balance.

Scope – THIS EA (magic + symbol) or the whole ACCOUNT.

Daily loss limit – lock after this loss (0 = off).

Daily profit target – lock after this profit (0 = off).

Max trades / day – a multi-TP group counts as one trade.

Close EA trades when hit – also closes open trades of this EA at the limit.

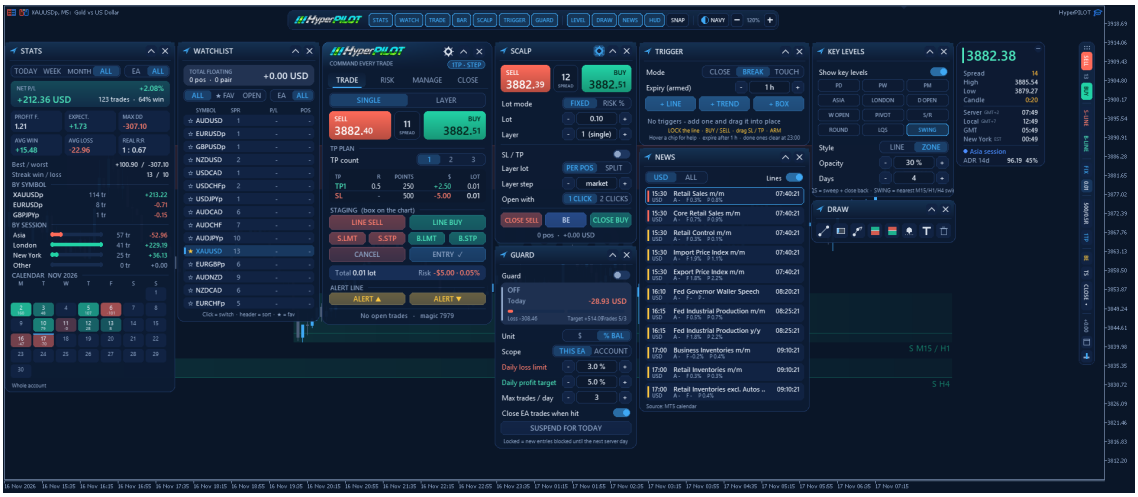
SUSPEND FOR TODAY – lock manually for the rest of the day.

LOCKED means new entries from every HyperPILOT panel are blocked until the next server day. Closing and management keep working.

SECTION 08

Themes

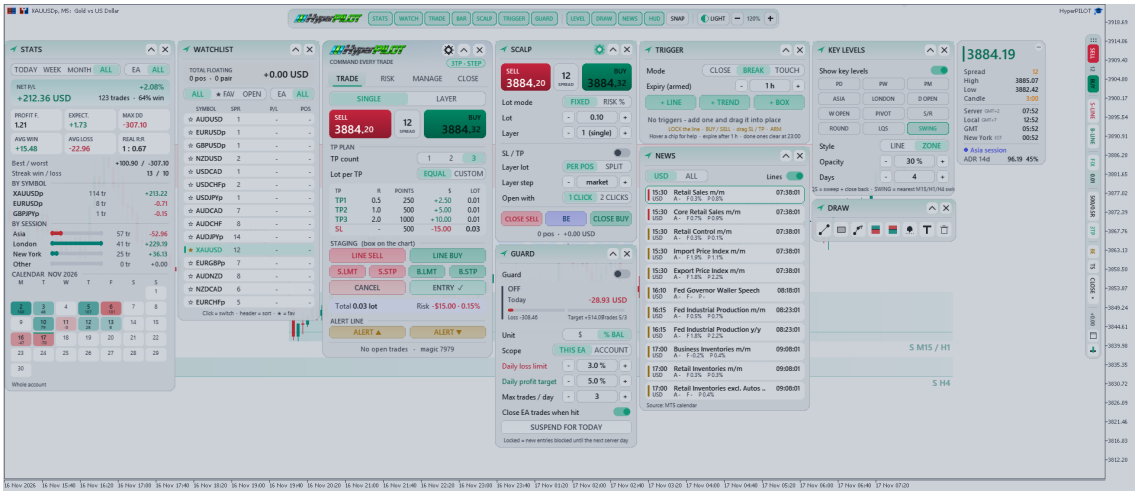
Three built-in themes. The theme button on the toolbar cycles them; all windows and chart colours change together.



NAVY



DARK



LIGHT

> **NOTE** With "Follow HyperALGO theme" on, HyperPILOT takes the theme of a HyperALGO indicator on the same chart, so the whole chart looks like one product.

SECTION 09

NEWS

Today's economic calendar from the MT5 calendar, with a countdown to each event and optional lines on the chart.



USD only



All currencies

- **USD / ALL** – chart currency or every currency.
- **Lines** – draws a vertical line at each upcoming event on the chart.
- The colour bar shows the impact: red high, orange medium.
- Each row shows time, title, currency and Actual (A), Forecast (F) and Previous (P). The right column counts down; past events show "done".
- The highlighted row is the next event.



News line with event label on the chart

SECTION 10

WATCHLIST

Every symbol at a glance, with floating P/L and open positions. Click a symbol to switch the chart.



TOTAL FLOATING – positions, pairs and total floating P/L.

ALL / ★ FAV / OPEN – all symbols, favourites only, or symbols with open positions.

EA / ALL – count only this EA's positions (magic) or every position on the account.

Columns – ★ favourite, symbol, spread, floating P/L, positions shown as ▲1 ▼1 (buys / sells).

Sort – click a column header.

★ – click to add or remove a favourite. Favourites are shared by all charts.

The list comes from Market Watch, or from your own comma-separated list in the inputs.

SECTION 11

STATS

A trading dashboard built from your account history.



TODAY / WEEK / MONTH / ALL – period.

EA / ALL – this EA only or the whole account.

NET P/L – result in money and %, trade count and win rate.

Cards – profit factor, expectancy, max drawdown (closed equity), average win, average loss and real R:R.

Best / worst, streaks – largest win/loss and longest win/loss streak.

BY SYMBOL – trades and P/L per symbol.

BY SESSION – Asia, London, New York and other (GMT based), with a bar per session.

CALENDAR – the month with P/L and trade count per day, green or red.

Minimise the window to keep only the compact cards visible. Trades with several TP legs are counted as one position.

SECTION 12

KEY LEVELS

Important reference levels drawn on the chart as lines or zones.



Show key levels – master switch. Click a button to toggle each group:

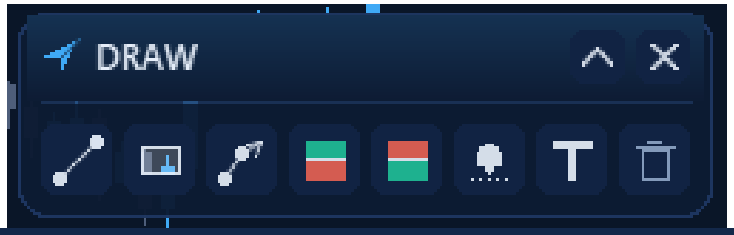
Group	Levels
PD / PW / PM	previous day, week and month high and low
ASIA / LONDON	session range high and low (times in inputs)
D OPEN / W OPEN	daily and weekly open
PIVOT	classic daily pivot levels
S/R	support and resistance
ROUND	round numbers
LQS	liquidity sweep: a level swept and closed back
SWING	nearest swing highs/lows on M15, H1 and H4

Style – LINE or ZONE. **Opacity** and **Days** (how many days back).

SECTION 13

DRAW

Quick drawing tools. Pick a tool, click on the chart, press Esc to cancel.



Tool	Use
Line	trendline between two clicks
Rectangle	zone / box
Path	multi-point line
Long / Short	position tool with entry, SL and TP zones and R:R label (SL x ATR, TP in R from inputs)
Alert	price alert line
Text	text label on the chart
Delete	removes the selected drawing (lights up when something is selected)

SECTION 14

Price HUD and chart extras

Information overlays for the chart.



Price HUD – large bid price with spread, day high / low and candle countdown; server, local, GMT and New York time; current session and ADR (14 days) with how much of it is used today.

Bid / Ask lines – short bid and ask lines ahead of the last candle with a spread label.

Group labels – status labels for open groups on the chart.

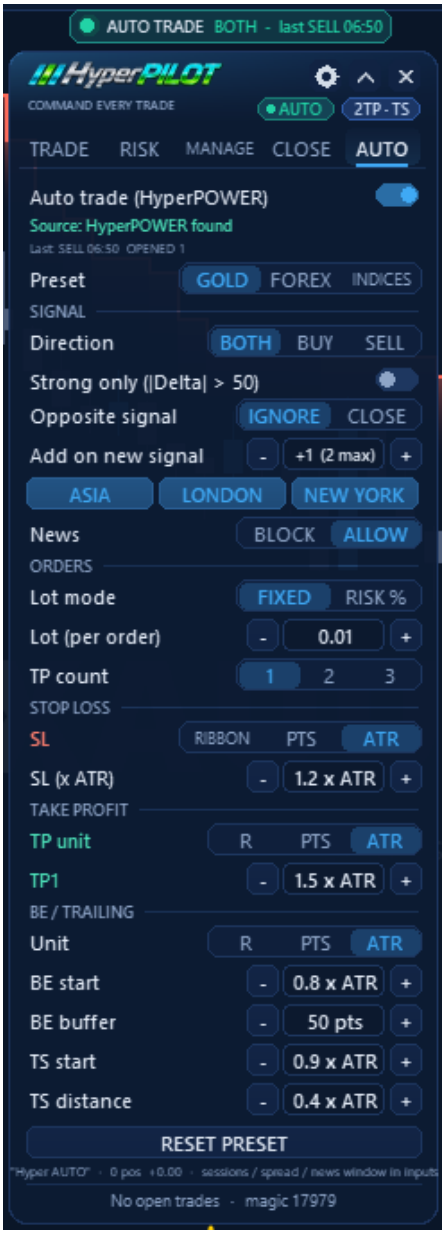
Symbol watermark – optional symbol name in the chart background (inputs).

Each part can be switched on or off in the inputs.

SECTION 15

AUTO TRADE (HyperPOWER signals)

The AUTO tab of the TRADE panel trades the BUY / SELL arrows of the HyperPOWER indicator on the same chart. It has its own settings, separate from the manual TRADE plan, and presets for GOLD, FOREX and INDICES.



How it works

- Add HyperPOWER to the same chart and set its MODE (CONS / BAL / AGGR) – arrows only appear when MODE is not OFF.
- Switch **Auto trade** on. "Source: HyperPOWER found" confirms the link.
- A signal is read once, on the closed bar, and the trade opens at market on the next bar. Arrows already on the chart when you switch on are not traded.
- One signal = one group: one order per TP, comment **Hyper AUTO #n**. SL / TP are always real (sent to the broker).

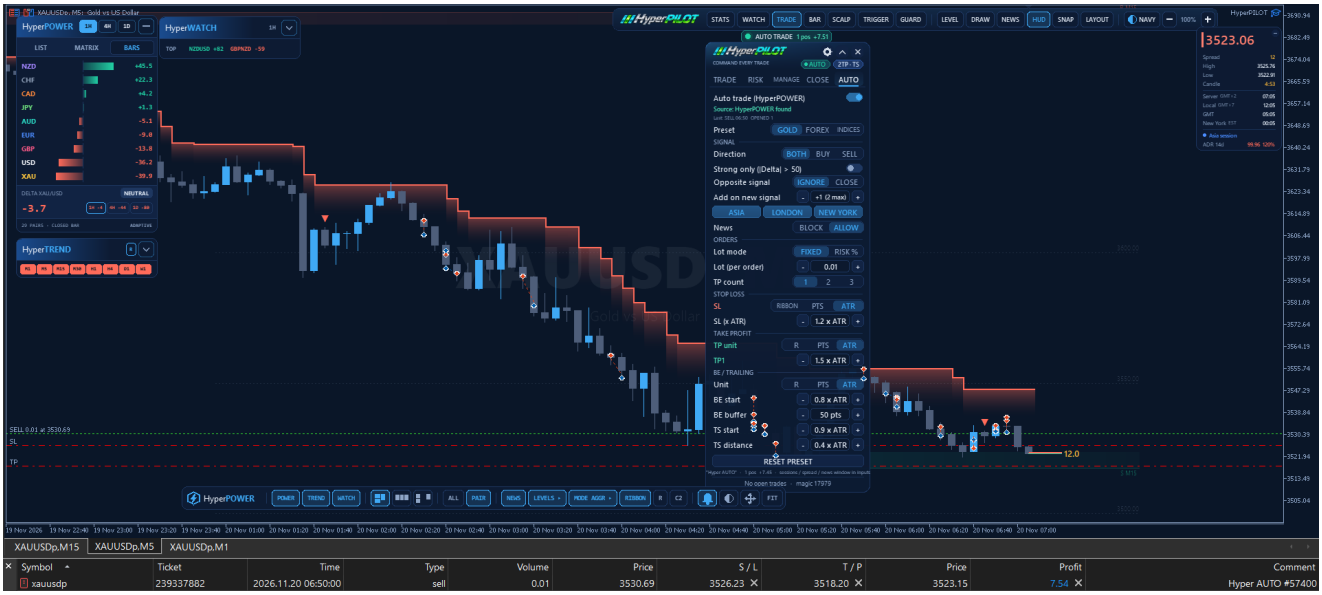
SIGNAL

- **Preset** – GOLD / FOREX / INDICES, picked automatically from the symbol; each keeps its own values.
- **Direction** – BOTH, BUY only or SELL only.
- **Strong only** – trade only when the HyperPOWER Delta is beyond ±50.
- **Opposite signal** – IGNORE (open trades run to TP / SL, the new signal still opens) or CLOSE (auto trades of the other side are closed first).
- **Add on new signal** – 0 = one group per side; +2 = up to 3 groups on new same-side signals.
- **ASIA / LONDON / NEW YORK** – click to switch each session on or off (hours in the inputs).
- **News** – BLOCK skips signals around high-impact news of the symbol currencies (minutes in the inputs); ALLOW trades through them.

ORDERS, SL, TP and management

Setting	Options	GOLD default
Lot	FIXED lot per order or RISK % per signal	0.01
TP count	1, 2 or 3 orders per signal	3
SL	RIBBON: on the HyperPOWER trend line of the signal bar + buffer, clamped between SL min and max; optional trail on the ribbon every new bar. PTS: fixed points. ATR: x ATR	RIBBON, buffer 50, min 200, max 1500
TP unit	R (multiples of the SL distance), PTS or ATR	1R / 2R / 3R
BE / TS unit	R, PTS or ATR for BE start, TS start and TS distance (BE buffer in points)	BE 1R + 50 pts, TS 1.5R / 0.5R

NOTE The ribbon is the one shown by HyperPOWER on the chart: change its timeframe from the HyperPOWER toolbar and the AUTO SL follows. If the ribbon is on the wrong side of price, SL min is used.



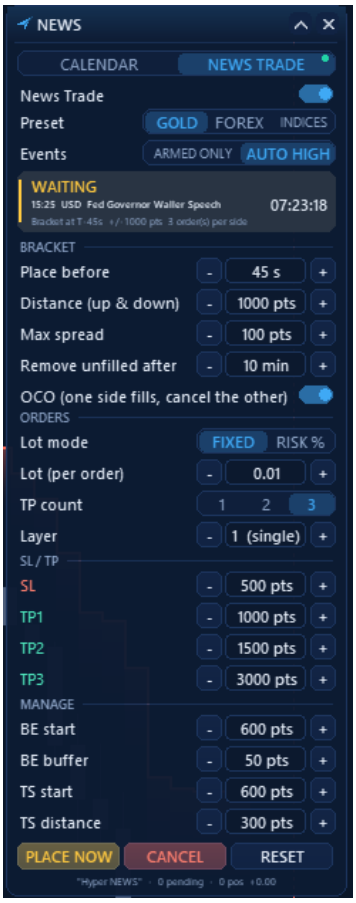
AUTO TRADE with HyperPOWER: the strip under TRADE shows the open auto position, the trade list shows the comment "Hyper AUTO #57400".

IMPORTANT AUTO TRADE stops opening trades while GUARD is LOCKED, outside the enabled sessions, around blocked news or when the spread is above the input. It keeps waiting and resumes by itself.

SECTION 16

NEWS TRADE

The NEWS TRADE tab of the NEWS window places a stop bracket shortly before a news release: a BUY STOP above and a SELL STOP below the price. Whichever side the news pushes price to is filled and managed with its own SL, TP, BE and trailing.



NEWS TRADE tab



CALENDAR: ARM / ACTIVE per event

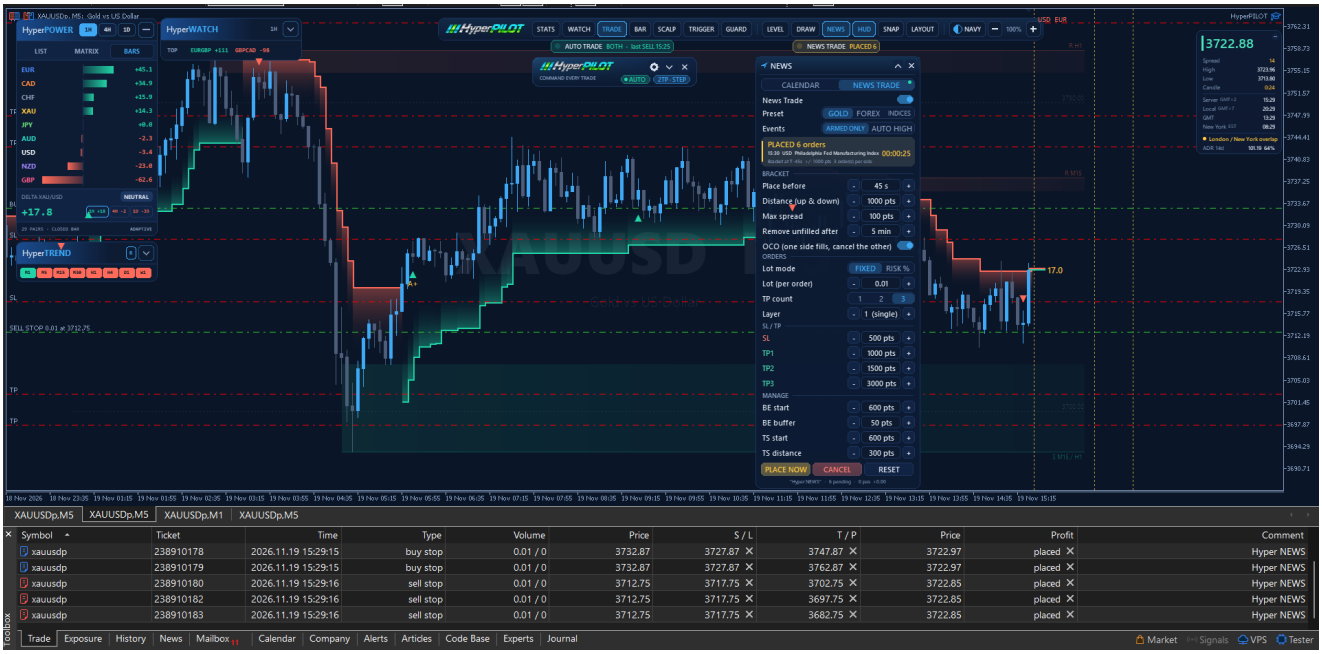
Step by step

Step	What to do
1	Switch **News Trade** on. The preset (GOLD / FOREX / INDICES) is picked from the symbol.
2	Choose the events: **ARMED ONLY** – click the ARM chip of a news in CALENDAR (it turns ACTIVE and the row is highlighted); or **AUTO HIGH** – every high-impact news of the symbol currencies.
3	At T – **Place before** (default 45 s) the bracket is placed at ± **Distance** from price: layers x TP count orders per side, comment **Hyper NEWS**.
4	With **OCO** on, the first fill deletes the other side. With OCO off both sides may fill and each follows its own SL / TP.
5	Orders not filled after **Remove unfilled after** (default 5 min) are deleted.

Settings

- **Max spread** – the bracket waits while the spread is wider (retried until the news time).
- **Lot** – fixed lot per order or risk % per side; **TP count** 1–3; **Layer** and layer step for pyramiding.
- **SL / TP1–3, BE, TS** – in points. GOLD defaults: bracket ±1000, SL 500, TP 1000 / 1500 / 3000, BE 600 + 50, TS 600 / 300.
- **PLACE NOW** – places the bracket immediately (testing); **CANCEL** deletes the pending news orders; **RESET** restores the preset defaults.

- One bracket per news time: arming two events at the same minute never doubles the orders. SL / TP are always real.

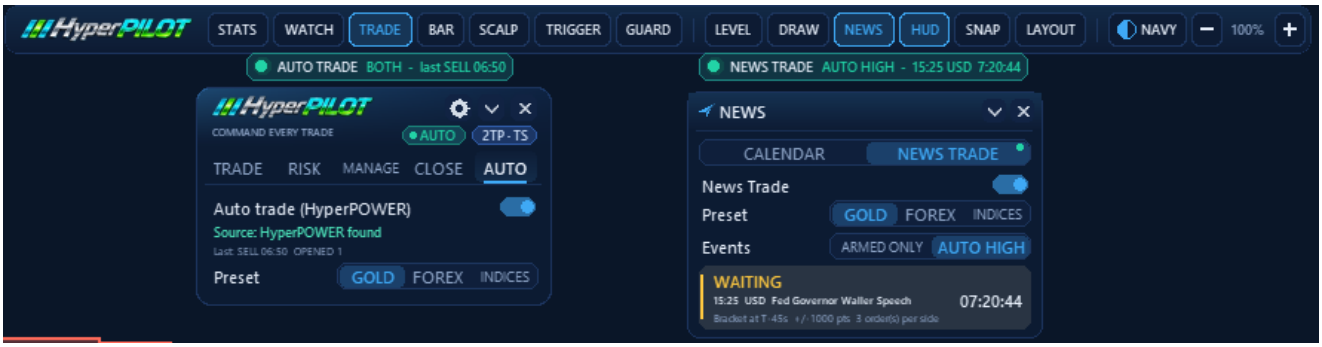


Bracket placed 25 s before the news: status PLACED 6 orders, strip NEWS TRADE PLACED 6, pending orders with comment "Hyper NEWS".

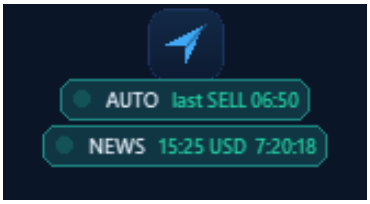
SECTION 17

Status strips and compact views

While AUTO TRADE or NEWS TRADE is on, a small status strip hangs under the toolbar so you always know what is armed – even with every window closed.



Strips under TRADE and NEWS; TRADE panel and NEWS window in their compact views.

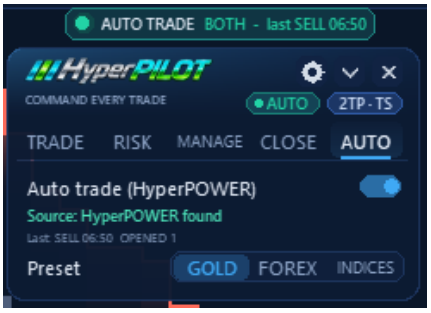


Toolbar minimized: AUTO above, NEWS below

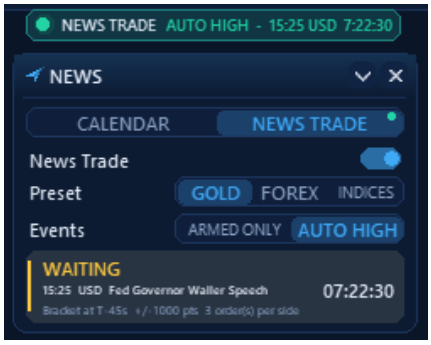
Strip states

Strip	Shows
AUTO TRADE	green: direction + last signal, or open auto positions and P/L · orange: PAUSED + reason (session / news / guard / spread) · red: NO SOURCE (no HyperPOWER)
NEWS TRADE	green: ARMED or AUTO HIGH + next news and countdown · orange: PLACED n / open news positions · grey: NO NEWS

- The dot blinks; click a strip to open the AUTO tab or the NEWS TRADE tab.
- With the toolbar at the bottom of the chart the strips sit above it.
- **Compact views** – while AUTO is on, the minimise button of the TRADE panel cycles MAX › MIN › AUTO › MAX. While NEWS TRADE is on, the NEWS window cycles MAX › MIN › NEWS › MAX. Click any tab in a compact view to open the full window.
- The TRADE panel header shows an **AUTO** badge in the strip colour while auto trade is on.



TRADE panel – AUTO view



NEWS – NEWS TRADE view

Order comments

Source	Comment	Managed by
TRADE / SCALP / BAR / TRIGGER	HyperPILOT-S1/2 …	MANAGE tab
NEWS TRADE	Hyper NEWS	NEWS TRADE BE / TS
AUTO TRADE	Hyper AUTO #n	AUTO BE / TS

All use the same magic number, so they count in STATS and GUARD. BE ALL and the CLOSE buttons act on every position of the magic.

HyperPOWER integration

- With HyperPOWER on the same chart, the two products publish their position to each other: HyperPILOT's toolbar goes to the top and HyperPOWER's to the bottom (input **Toolbar position** AUTO / TOP / BOTTOM in both – set one and the other takes the opposite edge).
- HyperPOWER panels stay where they are; HyperPILOT's window columns start to the right of them.
- A toolbar at the bottom opens its windows / menus upwards.
- With **Follow HyperALGO theme** on, HyperPILOT uses the HyperPOWER theme (NAVY › NAVY, CARBON › DARK, GREY › LIGHT) and leaves the chart colours to HyperPOWER.
- HyperPOWER free-flow chart panning ignores clicks on HyperPILOT windows, so dragging them stays smooth.

SECTION 18

Input reference

All inputs, grouped as in the EA properties dialog. Most values can also be changed live from the windows; the inputs are the start values.

General

Input	Default
Magic number	7979
Order comment prefix (max 20 characters)	HyperPILOT
Max slippage (points)	30

Risk

Input	Default
Lot mode	Fixed lot
Fixed lot (total, split over the TPs / legs)	0.01
Risk % (of balance or equity)	1.0
Risk $ (fixed amount)	50.0
SL / TP unit	Points
SL (points)	800
SL (x ATR)	1.5
ATR period (chart timeframe)	14
Number of TPs (1-3, Single mode)	3
Virtual SL / TP: kept by the EA, not sent to the broker (EA must stay running)	false
Single: custom lot per TP (false = equal split)	false
Custom, risk lot modes: TP1 share (%)	40.0
Custom, risk lot modes: TP2 share (%)	30.0
Custom, risk lot modes: TP3 share (%)	30.0
Custom, fixed lot mode: TP1 lot	0.01
Custom, fixed lot mode: TP2 lot	0.01
Custom, fixed lot mode: TP3 lot	0.01
Lock R:R (TPs follow the SL)	true
TP1 (R)	0.5
TP2 (R)	1.0
TP3 (R)	2.0
TP1 (points, Lock R:R off)	400
TP2 (points, Lock R:R off)	800
TP3 (points, Lock R:R off)	1600
TP1 (x ATR, Lock R:R off)	0.75
TP2 (x ATR, Lock R:R off)	1.5
TP3 (x ATR, Lock R:R off)	3.0
Pending order start distance (points)	1000

Management

Input	Default
Auto management (Single groups)	Step SL
Trailing start	After TP1
BE buffer (points)	30
Trailing starts at profit (points)	250
Trailing distance (points)	100
Partial close (%)	50

Layer

Input	Default
Layers	3
Layer spacing (points)	100
Leg order type	Limit

Chart Box

Input	Default
Box for open positions	Staging only
Staging box width (px, right edge of the chart)	190
Printed box min width (bars)	20
Group status labels on the chart	true

Panel & Theme

Input	Default
Theme	Navy
Follow the HyperALGO theme (HyperALGO indicator on the chart)	true
Theme colours on the chart (no HyperALGO indicator on it)	true
Panel size (%)	80
Panel font size (%, independent of the panel size)	120
Magnet: windows snap to each other and to the chart edges	true
Close buttons: confirm with a second click	true

Scalp Panel

Input	Default
SCALP lot	0.01
SCALP risk % (needs SL / TP on)	0.5
SCALP SL / TP on	false
SCALP SL (points)	300
SCALP TP (points)	500
SCALP layers per click (1 = single position)	1
SCALP layer step (points, 0 = all at market)	0
SCALP layer lot: true = lot is the total, split over the layers	false
SCALP BUY / SELL need a double click	false

News

Input	Default
Load news at start (NEWS window opens it anyway)	false
Currency	USD
Also medium impact	true
Refresh (seconds)	120
Feed URL (allow it in WebRequest)	ff_calendar URL

Price HUD & Bid/Ask Lines

Input	Default
Price HUD	false
HUD in the top-right corner	true
HUD side offset (px)	20
HUD top offset (px)	20
Spread / high / low / candle time	true
Server / local / GMT / New York time	true
Session + ADR	true
Bid / Ask lines	false
Line length (bars ahead)	3
Line width	2
Label between the lines	true
Label shows	Spread
Label font size	10

Alerts & Stats

Input	Default
Alert line: popup	true
Alert line: push notification	false
Alert sound (terminal Sounds folder)	alert2.wav
Play the sound this many times	3
Seconds between repeats	3
New alert line distance (points)	1000
Stats: whole account (false = this EA only)	false

Guard

Input	Default
Guard on	false
Limit unit	% balance
Daily loss limit (0 = off)	3.0
Daily profit target (0 = off)	0.0
Max trades per day (0 = off, a group counts once)	0
Close this EA's trades when the loss / profit limit hits	true
P/L and trades counted from	This EA

Watchlist

Input	Default
Symbols, comma separated (empty = Market Watch)	

Trigger

Input	Default
Fired / expired triggers are removed at this server hour	23
Armed trigger expires after (hours, 0 = never)	0

Key Levels

Input	Default
Days to draw (1 = today only)	2
Line opacity % (10-100)	30.0
Asia range start (server time)	00:00
Asia range end (server time)	08:00
London range start (server time)	10:00
London range end (server time)	15:00
SWING: lookback (bars per TF)	150
SWING: strength (bars each side)	5

Draw Tools

Input	Default
Long / short tool: SL distance (x ATR)	1.0
Long / short tool: TP (R)	2.0
Long / short tool: width (bars)	10
Text tool: font size	10
Future news lines on the chart (next 24 h)	false
News lines impact	High
Symbol watermark	false
Watermark size (% of chart width)	30
Watermark colour (None = theme)	None
Watermark opacity (%)	10

Auto Trade (HyperPOWER Signals)

Input	Default
Asia session (server time)	01:00-09:00
London session (server time)	09:00-17:00
New York session (server time)	15:00-23:00
Max spread (points, 0 = off)	50
News block: minutes before (high impact)	15
News block: minutes after	15
ATR period (SL / TP / BE / TS in ATR)	14
Order comment	Hyper AUTO

Layout (HyperALGO Indicators)

Input	Default
Toolbar position	Auto

SECTION 19

Tips and FAQ

My trigger did not open a trade.

Only ARMED triggers fire. Check that the chip shows ARMED (not LOCK or ARM), that the trigger has not expired, and that GUARD is not LOCKED.

Why is the lot 0.03 when I set 0.01?

In fixed mode the lot is the total split over the TPs, but each leg needs at least the broker minimum lot. With 3 TPs and a 0.01 minimum each leg is 0.01. Use 1 TP or a larger total lot.

Virtual SL/TP – what happens if MT5 closes?

Virtual levels live in the EA. If the terminal is closed or loses connection, nothing closes the trade. Use a VPS or keep the virtual option off.

Windows moved after I changed tabs.

Windows you dragged keep their place. Press LAYOUT to reset everything to the automatic layout.

Can I run HyperPILOT next to other EAs?

Yes. HyperPILOT only manages positions with its own magic number (default 7979) unless a window is set to ALL / ACCOUNT scope for display.

The NEWS feed is empty.

The window uses the MT5 calendar. Some brokers do not provide it; then allow the WebRequest URL from the requirements to use the online feed.

Does it work in the Strategy Tester?

No. MT5 does not send clicks to an EA in the tester, HyperPOWER cannot be linked there and the news calendar is not available. Use a demo account.

AUTO TRADE says NO SOURCE.

HyperPOWER must be on the same chart. Its name must stay "HyperPOWER".

AUTO TRADE did not take an arrow.

Check the strip: PAUSED shows the reason (session, news, guard, spread). Arrows printed before AUTO was switched on are never traded. The last action is shown under "Last:" in the AUTO tab.

NEWS TRADE did not place the bracket.

News Trade must be on, the event ACTIVE (or AUTO HIGH), the EA running at the news time and the spread below Max spread.

> **IMPORTANT** Trading involves risk. HyperPILOT is a tool that executes your decisions; it does not guarantee profits. Test every setting on a demo account first.