



KYORA

STRUCTURED BREAKOUT EXECUTION

User manual

Installation, everyday operation
and a complete guide to your settings.

USDJPY HEDGING ACCOUNTS 32 INPUTS

YOUR GUIDE TO KYORA

Everything in its place.

Set up Kyora, understand its controls and keep the settings that matter within reach.

Kyora is a breakout Expert Advisor for **MetaTrader 5**, intended for **USDJPY on a hedging account**. It places and manages pending orders using its built-in trading setups. This guide describes the controls available in version 1.00.

Input names match the English labels in MetaTrader. Each input entry shows the factory default and explains what changes when you edit it. The manual focuses on operation; internal strategy calibration is not a user setting.

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Read first: use an MT5 hedging account, reserve a distinct Magic number range and review lot sizing before enabling trading. The protection and calendar switches are **Off by default**.

FIRST INSTALLATION

From installation to a ready chart.

Use one Kyora instance on your broker's USDJPY chart. H1 is the standard reference chart.

STEP 01

Install through Market

Sign in to the purchasing MQL5 account under **Tools** → **Options** → **Community**. [Install Kyora from your Market purchases](#) and locate it in the Navigator. The free Market demo runs only in the Strategy Tester.

STEP 02

Check the account

Use an **MT5 hedging account**. Netting and exchange accounting modes are not supported. Confirm the symbol's contract size, minimum lot and volume step.

STEP 03

Open USDJPY H1

Open the exact USDJPY symbol supplied by your broker, including its normal prefix or suffix. The chart timeframe does not replace Kyora's internal strategy timeframes.

STEP 04

Attach and configure

Drag Kyora onto the chart. Review **Inputs**: Magic number, setup, direction and lots. Configure any protection or calendar filter you intend to use.

STEP 05

Allow trading

[Enable algorithmic trading in the EA's settings](#) and turn on the terminal's **Algo Trading** button. Kyora does not require DLL imports or a WebRequest allowlist.

STEP 06

Check the result

Confirm the displayed setup and review the **Experts** and **Journal** tabs. Resolve initialization errors or blocking states before expecting new orders.

Before the first order

Keep the terminal connected and the EA running. **Monitoring** means Kyora is waiting for eligible conditions, not promising an immediate order.

One active owner per range: avoid duplicate instances on the same symbol, including on other terminals. For VPS moves and existing orders, see page 14.

[KYORA]

Your instance. Your order settings.

These four inputs identify Kyora's trades and set its execution preferences.

Magic number

Default · 601001

Base identifier for this instance. Kyora uses an internal range of Magic numbers to identify its orders. Recognition also depends on the exact trading symbol.

Use a positive base; zero is rejected. Independent instances must have non-overlapping Magic number ranges. Choose well-separated base values, as adjacent values can overlap.

Trade comment prefix

Default · Kyora_

Prefix used in Kyora's trade comments. It can help you recognize orders in the terminal.

Comments do not define ownership. Editing this text does not isolate an instance or transfer existing trades to a new Magic range.

Max spread (points; 0 = off)

Default · 0

Maximum spread allowed when creating a new pending order, expressed in **broker points**. Zero disables this limit; a negative value is rejected.

A pending order already on the broker's server may still activate after the spread widens. This input does not guarantee the spread at its future fill.

Max slippage (points)

Default · 50

Requested execution deviation, in broker points, for operations that support it. Negative values are rejected.

It is not a guaranteed cap on the fill deviation of a pending stop order. Gaps and execution conditions can still affect the final price.

Points are not pips. For a USDJPY quote with three decimal places, 1 point is 0.001 and 10 points equal 0.01, commonly one pip. Always check your broker's quote precision.

Shared account, separate trades. Other trades are excluded from Kyora's ownership when their symbol/Magic does not match. They can still affect account balance, equity and margin. Never reuse Kyora's range for another EA on the same symbol.

[TRADING SETTINGS]

Choose the setup. Set the direction.

Setup selection controls the active strategy set. Trade direction controls which new orders it may create.

Setup selection

Default · Balanced

Balanced uses a selected subset of Kyora's built-in strategies. **Ultimate** enables the complete strategy set available in this version.

A wider strategy set can change trade frequency and concurrent exposure. Neither name is a guaranteed risk or performance level.

Trade direction

Default · Buy and sell

Choose **Buy and sell**, **Only buy** or **Only sell** for new orders. BUY and SELL sizing are configured independently in [LOT MANAGEMENT].

Switching direction or setup does not liquidate existing positions or cancel all older pending orders. Recognized exposure continues to be managed.

How an order moves through Kyora

01

Monitor

Wait for an eligible signal and the applicable entry checks.

02

Place

Create a pending order when pricing, volume and margin checks allow it.

03

Manage

Manage recognized positions and pending orders while Kyora is running.

Several strategies can be active at the same time. Your chosen lot is applied to individual orders, so total open exposure can exceed one order's volume.

CHANGING A SETUP WITH EXISTING EXPOSURE

Review open positions and pending orders first. **Pause** suspends new submissions but leaves pending orders in place. Use **Close all** when you intend to close and remove Kyora's existing exposure, then wait for completion.

Loading an older preset

Open the current Inputs dialog, explicitly select **Balanced** or **Ultimate**, review every setting and save the preset again. Do not assume an older preset enables the current protection switches.

[LOT MANAGEMENT]

Two directions. Independent sizing.

One sizing mode applies to both sides. The values used for BUY and SELL are independent.

Lot size mode

Default · Fixed lot

Fixed lot uses the directional fixed values. **Auto lot** calculates each new order from the current account balance and that side's selected reference.

BUY Fixed lot

Default · 0.01

Requested lot for BUY orders in Fixed lot mode. The value must be positive when this direction and mode are active.

BUY Auto lot profile

Default · Medium

BUY reference for Auto lot: **Very low, Low, Medium, High** or **Custom**. Reference amounts are shown on page 7.

BUY Custom balance per 0.01 lot

Default · 5000

Account-currency balance reference for BUY orders when Auto lot and the BUY Custom profile are selected. Use a positive value.

SELL Fixed lot

Default · 0.01

Requested lot for SELL orders in Fixed lot mode. The value must be positive when this direction and mode are active.

SELL Auto lot profile

Default · Medium

SELL reference for Auto lot. At the same balance, equal effective references give equal requested lots. Custom references can differ between sides.

SELL Custom balance per 0.01 lot

Default · 5000

Account-currency balance reference for SELL orders when Auto lot and the SELL Custom profile are selected. Use a positive value.

Inactive sizing fields do not set the current order volume. Review them before switching mode or enabling the other direction.

UNDERSTANDING AUTO LOT

Sizing in practice.

Auto lot uses the whole account's current displayed balance, in the account's own currency units.

Requested Auto lot, before broker and capacity checks

$$\max(1, \text{floor}(\text{balance} \div \text{reference})) \times 0.01$$

"floor" means round down to the whole number below.

PROFILE	BALANCE PER 0.01 LOT	EXAMPLE: BALANCE 10,000
Very low	2,000	0.05 lot per order
Low	1,000	0.10 lot per order
Medium	800	0.12 lot per order
High	300	0.33 lot per order
Custom	Your directional value	5,000 → 0.02 lot per order

Examples assume 0.01-lot increments and enough capacity. Medium at 10,000 gives $\text{floor}(10,000 \div 800) \times 0.01 = 0.12$ lot. Below one reference, Auto still requests 0.01 lot before checks.

What the broker may change or prevent

CONDITION	KYORA'S BEHAVIOR
Volume step / maximum	Volume is rounded down to the permitted step and capped by the applicable maximum.
Fixed lot below minimum	The order volume is raised to the broker's minimum.
Auto lot below minimum	The order is skipped rather than raised to a larger minimum.
Insufficient capacity or margin	The new order is skipped; Kyora does not shrink it to fit. Existing account pending orders also consume the margin allowance used by its checks.

Per-order sizing is not total risk. Multiple orders can coexist. Profile names and reference amounts do not guarantee drawdown limits. Deposits, withdrawals and other account activity can change the balance used for new orders; existing pending volumes are not automatically resized.

Cent accounts: 10,000 displayed cent units are not converted to 100 standard units. Check the displayed balance units, contract size and first calculated lot before use.

[PROTECTION]

Limits for Kyora's own results.

Enable the section and enter a positive amount only for the limits you want to use. Zero leaves an individual limit inactive.

Enable protection

Default · false (Off)

Enables the three Kyora-specific monetary limits below. A positive threshold has no effect while this switch is Off.

Max daily loss (account currency)

Default · 0

Triggers when Kyora's daily result reaches the negative limit. With 100, the trigger is a daily result of –100 or lower, in the account currency.

Max total loss (account currency)

Default · 0

Triggers when Kyora's net result from the beginning of the current cycle reaches the negative limit. It is not a trailing drawdown from a profit peak.

Profit target (account currency)

Default · 0

Triggers when the current cycle's net result reaches or exceeds the selected positive target.

How the result is measured

Daily result: today's realized net result plus current floating result, less the floating reference at the start of the broker day. An overnight position moving from –200 to –250 contributes –50 to that day.

Cycle result: realized net result since the cycle began plus current floating result. A new cycle begins only when Kyora has no positions or pending orders. Recognized commission, swap and fees are included; unrelated trades and account deposits are excluded.

When a limit triggers: Kyora blocks new submissions, requests cancellation of its pending orders and closure of its positions, and retries unfinished actions. Actual execution can occur beyond the threshold. For recovery, see page 9.

Amounts must be non-negative. A broker charge without an identifiable link to Kyora is not assigned arbitrarily. The dashboard's all-history "Kyora realized" total is distinct from the daily and cycle measures.

[ACCOUNT EMERGENCY STOP]

An account-wide trigger. A Kyora-only action.

The emergency stop watches total account equity. It closes only the exposure recognized as Kyora's.

Enable protection

Default · false (Off)

Enables the account equity floor below. This is a separate switch from Enable protection in [PROTECTION].

Minimum account equity (account currency)

Default · 0

A positive value triggers when total account equity is at or below that level. It is an **absolute equity floor**, not a loss allowance. Zero leaves the floor inactive; negative values are rejected.

Example: an equity floor of 9,000 triggers at equity 9,000 or lower. Losses from another EA can cause this trigger, but Kyora will not close that other EA's positions.

Restarting after a protection stop

REASON FOR STOPPING	HOW OPERATION CAN RESUME
Daily loss	At the next broker day, after required liquidation and once the daily reference is valid. Another active block may still prevent entry.
Total loss / Profit target	Use New cycle in the protection area after all Kyora positions and pending orders are gone and history is valid.
Account equity stop	Use the protection area's Resume action once required liquidation is complete and equity is above the floor, or the floor is disabled.
Manual pause	Use the manual Resume control. It is independent of protection recovery.

With several protection stops active, **New cycle** may be required before protection **Resume** becomes available. Recovery does not release a separate manual pause. Turning protection Off does not erase an existing stop.

A restart is not a new loss budget. Restarting MT5, changing the chart timeframe or editing inputs does not reset saved protection results. New cycle does not reset today's consumed daily loss. Keep the same account, server, symbol and Magic range when continuing an existing instance.

If history or a daily reference is missing or unreliable, new entry may remain suspended. Do not delete state files to bypass a stop; use the displayed recovery action and seek support if the state remains unavailable.

[NEWS FILTER]

Plan around scheduled news.

Kyora reads the MT5 economic calendar for the trading symbol's currencies. Event times and pause windows use broker server time.

Use news filter

Default · false (Off)

Enables news pauses in connected live or demo operation. During a matching pause, new entries are blocked.

Minimum news impact

Default · High only

Choose **All news**, **Low and above**, **Medium and above** or **High only**. This sets the minimum calendar importance for the general News filter.

Minutes before news

Default · 30

Minutes before the event when the pause starts. Use a whole number from 0 to 10,080.

Minutes after news

Default · 30

Minutes after the event when the pause ends. Use a whole number from 0 to 10,080.

Close trades during news pause

Default · false (Off)

When On, requests closure of Kyora positions during a matching pause. When Off, existing positions remain under normal management.

Delete pending orders during news pause

Default · true (On)

When On, requests cancellation of Kyora pending orders. When Off, existing pending orders may still activate during the pause.

Enabled filter, unavailable data: new entries are suspended. Pending cancellation follows the enabled options. Missing calendar data alone does not close positions; an already recognized event can still require configured closure.

If an event has no precise time, its entire broker day is treated as the event window, with the configured before/after margins. No manual UTC-offset input is required for News or NFP.

[NFP FILTER]

A separate window for US payrolls.

The NFP filter uses the official US Nonfarm Payrolls event in the MT5 calendar. It does not assume that every first Friday is NFP.

Use NFP filter

Default · false (Off)

Enables the NFP-specific pause independently of Use news filter and the general Minimum news impact setting.

Minutes before NFP

Default · 60

Minutes before the event when the NFP pause begins. Use a whole number from 0 to 10,080.

Minutes after NFP

Default · 50

Minutes after the event when the NFP pause ends. Use a whole number from 0 to 10,080.

Close trades during NFP pause

Default · true (On)

Requests closure of Kyora positions while an enabled NFP pause is active.

Delete pending orders during NFP pause

Default · true (On)

Requests cancellation of Kyora pending orders while an enabled NFP pause is active.

Pause starts	NFP event	Pause ends
14:30 · -60 min	15:30 · example only	16:20 · +50 min

The timeline is an example in broker server time, not a published NFP schedule. With overlapping News and NFP windows, each enabled filter keeps its own actions and entries remain blocked until all relevant pauses end.

Unfinished calendar actions continue. Kyora retries requested closes and deletions. The end of a pause, a restart or switching the filter Off does not cancel work already requested. "Calendar actions pending" means new entry remains blocked.

Strategy Tester: both News and NFP filters are always bypassed, even when their inputs are On. No external calendar file is needed. See page 14.

[DASHBOARD]

Your operating view.

Show dashboard

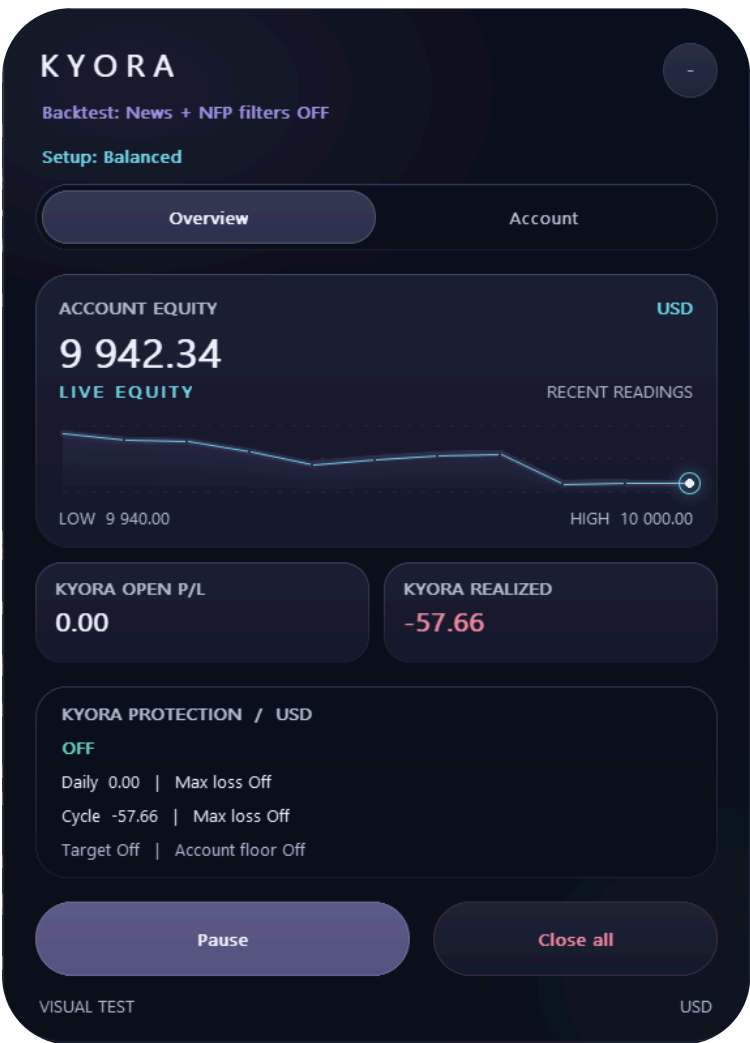
Default · true (On)

Shows the panel. Hiding it does not stop the EA or its position management.

Apply chart colors

Default · true (On)

Applies Kyora's chart appearance. Turn it Off to retain your chart styling.



Actual Strategy Tester dashboard. Values illustrate the interface, not expected performance. The tester's News/NFP exclusion remains visible.

Account equity & Account tab

Account-wide values. The small equity line shows recent readings, not a full backtest curve.

Kyora realized

Attributed realized result and costs, including manual/partial exits of Kyora positions.

Kyora open P/L

Floating result for recognized Kyora positions, separate from unrelated trades.

Protection area

Shows daily/cycle result, limits and available recovery actions. An unavailable value is not zero.

EVERYDAY OPERATION

Pause. Close. Resume.

The manual controls affect Kyora's recognized exposure. They do not stop other EAs on the account.

Pause

Blocks new submissions. Existing positions continue to be managed, and existing pending orders can still fill. Pausing is not the same as flattening the instance.

Resume

Releases the manual pause. Protection stops, calendar pauses, missing data or broker constraints can still block new entries.

Close all

Starts closure of Kyora positions and cancellation of its pending orders immediately. Kyora retries until its exposure is gone, then remains **Paused**. Treat this as an execution command; no second confirmation is required.

- / +

Collapses or expands the panel. This only changes the display; it does not pause trading. Some labels are shortened in small layouts.

Read the state before acting

STATE / MESSAGE	MEANING AND NEXT STEP
Monitoring	Watching for eligible conditions. No immediate trade is implied.
Paused	Manual pause is active. Resume only when you want new submissions to be eligible again.
Closing	Manual Close all is in progress. Resume is unavailable until completion. Keep the EA running and check rejected requests in Experts.
State error / Unavailable	Required state or history could not be read or saved reliably. Check Experts and connection/storage conditions; do not assume a displayed unavailable result is zero.
News / NFP pause	An enabled calendar window is active. A combined pause may cover overlapping events.
Calendar unavailable / Calendar actions pending	Reliable data or requested calendar actions are still missing. New entries remain blocked.

Pause and Close all are saved for the instance. On a normal restart with the same scope and accessible saved state, Kyora restores the pause or unfinished close request. It still needs connection and broker permission to execute. A storage failure can prevent a new command from being saved.

ONE PRODUCT, DIFFERENT ENVIRONMENTS

Know what a backtest does—and does not—include.

FEATURE	CONNECTED LIVE / DEMO	STRATEGY TESTER
Trading setups and sizing	Use the chosen inputs and broker conditions.	Use the chosen inputs and simulated trading conditions.
News / NFP	Use the MT5 calendar when enabled.	Always Off , regardless of the switches. No calendar file is required.
Dashboard	Visible when enabled.	Visible in visual mode; includes the calendar bypass notice.
Execution	Depends on connection, market availability and broker responses.	Depends on history quality, modelling and test settings.

A reproducible tester setup

1. Select **Kyora**, your broker's **USDJPY** symbol and **H1**.
2. Choose the period, deposit currency, leverage and initial deposit deliberately. Use **Every tick based on real ticks** when suitable data is available.
3. Review Inputs rather than relying on the tester's previously loaded values. Use visual mode to inspect the panel and order activity.
4. Read both the report and the tester journal. Check modelling gaps, rejected orders and positions closed automatically at the end of the test.

A test with News or NFP enabled in Inputs still excludes those filters. Comparing it with live operation where either filter is active is therefore not a comparison of identical operating conditions.

Keeping the EA running

Kyora needs an operating terminal or properly configured host for ongoing management, virtual pending-order expiry, calendar actions and retries. Broker-held pending orders and accepted SL/TP can still execute while the terminal is offline; EA-side monitoring cannot.

Changing terminal, VPS, account or Magic: saved state is tied to the instance and its terminal environment. It is not automatically shared between separate installations. Avoid two active copies managing the same range; coordinate any migration with existing positions and pending orders.

No universally suitable deposit or leverage follows from a lot profile. Confirm your broker's volume and margin requirements. MetaTrader's [Strategy Tester guide](#) explains its test settings and report.

START WITH THE EXACT MESSAGE

When something needs attention.

Check the dashboard, then read the exact Experts or Journal message.

Kyora does not initialize

Confirm hedging mode and the installation. Check Magic, limits, selections and active lot settings. Outside the tester, all News/NFP timing inputs must be 0–10,080, even with filters Off. Check Experts and Journal; some errors do not identify the individual field.

The panel shows Monitoring, but no trades appear

Signals are conditional. Check permissions, connection, market hours, pending orders, selected direction, spread limit, available margin and the symbol's volume restrictions. Monitoring is not a promise of an immediate order.

Pause is active, yet a new position appears

A pending order created earlier may have been filled by the broker. Pause blocks new submissions; it does not delete existing pending orders. Use Close all if you intend to flatten Kyora.

The displayed or executed lot differs from my input

Check Fixed versus Auto and the BUY/SELL field used. Broker step and maximum apply; Fixed can be raised to the minimum. Auto uses the current whole-account balance in displayed currency units. Review cent-account units carefully.

Close all stays in Closing

Check connection, market availability and broker rejection messages. Freeze levels or other trading restrictions can defer closure/deletion. Keep Kyora running; do not interpret a submitted request as a completed close.

Turning protection Off did not restart trading

An existing stop is retained. Use the applicable recovery action from page 9, with the required flat/history/equity conditions. A separate manual pause may also need Resume.

Calendar unavailable, or no News/NFP action in a test

For connected operation, check MT5 calendar availability and the exact symbol's currency information. In the Strategy Tester the two filters are deliberately bypassed, including during visual tests.

A result is Unavailable, or the panel shows State error

Check history availability, saved-state access and Experts. Restore the underlying condition before resuming. A storage conflict must not be bypassed by deleting state files. Contact support if the message persists.

The panel is too small, hidden, or hover text is missing

Enable Show dashboard, expand the panel and enlarge the chart. Small layouts abbreviate information. The visual tester may display only generic MT5 tooltips; use this guide and Experts for details.

KEEP THIS PAGE CLOSE

The defaults.

The essential checks.

FACTORY SETTING	DEFAULT
Setup / trade direction	Balanced / Buy and sell
Lot size mode / BUY and SELL lot	Fixed lot / 0.01 each
BUY and SELL Auto profile / Custom reference	Medium / 5000 each
Magic number / comment prefix	601001 / Kyora_
Spread limit / slippage request	0 (Off) / 50 points
Kyora protection / account emergency stop	Off / Off
Daily loss / total loss / profit target / equity floor	All 0 (inactive)
News filter / NFP filter	Off / Off
Show dashboard / Apply chart colors	On / On

BEFORE ENABLING

Check the setup

Hedging account. Exact USDJPY symbol. Distinct Magic range. Correct lot mode. Required protection and calendar switches explicitly configured.

BEFORE LEAVING

Check operation

Connection and permissions available. Dashboard state understood. No unresolved Experts errors. No duplicate instance managing the same trades.

Execution and risk: trading can produce losses. Stop orders, monetary protection thresholds and news windows do not guarantee a maximum realized loss or an exact fill price. Account-wide margin and stop-out remain shared with other activity.

Need assistance?

Use the Kyora product comments or MQL5 messaging. Include **version, broker/server, account mode, exact symbol, relevant inputs and the exact Experts/Journal message**.

Add the time of the issue, live/demo/tester context and a panel screenshot. Do not send passwords or access credentials.

[Mauro Augello · MQL5 author profile →](#)