

EXPERT ADVISOR · METATRADER 5

USER MANUAL

Setup, Operation & Input Reference Guide

Three independent trading modules

mql5.com/en/users/mauroaugello

OFFICIAL PRODUCT GUIDE

About this manual

This manual explains how to install, configure and operate **Duelist**, a multi-module Expert Advisor for MetaTrader 5. One EA instance can run the **EURUSD**, **AUDCAD** and **NZDCAD** modules independently from a single EURUSD chart.

Every input entry uses the name displayed in MetaTrader, shows the factory default and explains its operational effect. The guide also covers account requirements, symbol handling, the dashboard, independent manual sequences, recovery and close controls, live news handling and Strategy Tester use.

Hedging account required

Duelist cannot start on a **Netting** or **Exchange** account. If any trading module is enabled, the EA checks the account mode during initialization. An unsupported account triggers a prominent **DUELIST CANNOT START** alert and initialization stops. Ask your broker for an **MT5 Hedging** account before using the EA. Turning **Hedge Mode** off does not add Netting-account compatibility.

Scope of this guide. Internal entry logic, strategy calibration and advanced expert parameters are intentionally not documented. They are part of Duelist's protected trading model. This guide focuses on the settings and controls available to the user.

Independent trade ownership. Duelist identifies its positions by symbol and Magic Number. Sequences opened with its MANUAL tab have separate ownership from the automatic modules and from one another. Trades opened directly through MetaTrader and positions opened by other Expert Advisors are not adopted; they remain excluded while their Magic Number differs from Duelist's identifiers. All positions still affect account-wide balance, equity, margin and available trading capacity. Never reuse a Duelist Magic Number on the same symbol.

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1 Getting Started

Install Duelist once, attach it to a EURUSD chart and let the EA route the enabled modules. The chart timeframe does not replace the strategy's internal timeframes; M15 is the standard reference setup.

STEP 01

Install the EA

Install Duelist through MQL5 Market or place the supplied product in MetaTrader 5, then refresh the Navigator.

STEP 02

Open EURUSD

Open your broker's EURUSD symbol, including its normal prefix or suffix. The recommended chart timeframe is M15.

STEP 03

Attach Duelist

Drag Duelist onto the EURUSD chart. In the Common tab, allow algorithmic trading, then review the Inputs before confirming.

STEP 04

Select the modules

Enable any combination of EURUSD, AUDCAD and NZDCAD. One Duelist instance manages the enabled modules from EURUSD M15.

STEP 05

Choose lot sizing

Choose Auto Lot or fixed sizing for each module, then configure the BUY and SELL presets or fixed initial lots separately. Equal values give the same sizing on both sides.

STEP 06

Verify readiness

Turn on the MetaTrader Algo Trading button. The dashboard should show **CONNECTED**, **ALGO READY** and a running status for each enabled module.

The account-mode check is blocking, not advisory

On a non-Hedging account, Duelist displays the account mode, tells the user that an MT5 Hedging account is required and returns an initialization failure. Changing inputs cannot make Duelist operate safely in Netting mode.

Use EURUSD when the EURUSD module is enabled

The current build does not automatically change or validate the chart symbol. The EURUSD engine operates on the symbol of the chart to which Duelist is attached. Open the broker's real tradable EURUSD variant — for example `EURUSD`, `EURUSD+` or `EURUSD.a` — before enabling that module. For AUDCAD-only use on an AUDCAD chart, turn the EURUSD module Off and follow the dashboard note in Section 14.

Broker symbol handling

Duelist runs from the broker's EURUSD chart. When AUDCAD is enabled, it first looks for the matching broker variant — for example, a EURUSD suffix is paired with the equivalent AUDCAD suffix — and then searches the available symbols for a compatible AUDCAD instrument. If no tradable AUDCAD symbol is available, the module reports an initialization error.

Other positions on the account. Positions in other currency pairs, including pairs containing EUR and/or USD, do not consume Duelist's EURUSD basket depth. Manual or other-EA EURUSD trades are also excluded when their Magic Number differs from the EURUSD module. Broker margin, account permissions and account-level risk still apply normally.

2 Duelist — General

Master switches for the three trading engines. Each module has its own symbol, Magic Number, direction filter, lot sizing and protection settings.

Enable EURUSD Module

Default: **On**

Starts the EURUSD strategy engine on the chart symbol. Turn it off when you want to use only the other modules.

> **Note —** Disabling a module prevents its engine from initializing. Review open positions before changing this setting, because positions belonging to a disabled module will not receive normal strategy management from that instance.

Enable AUDCAD Module

Default: **On**

Starts the integrated AUDCAD strategy engine. Duelist locates the broker's compatible AUDCAD symbol automatically; no AUDCAD chart is required.

> **Note —** All three modules can operate at the same time. Within each module, independent BUY and SELL baskets may coexist when that module's Hedge Mode is on.

Enable NZDCAD Module

Default: **Off**

Enables the independent NZDCAD module. The broker symbol is resolved automatically. Select Steady or Turbo in the NZDCAD settings and review its own sizing, calendar, comment and protection inputs.

Changing inputs with open positions. Reinitializing an EA can affect session-only dashboard data and module state. Avoid changing module switches, Magic Numbers or core sizing settings while Duelist positions are open unless you fully understand the effect.

There is no public Pause All New Orders or Management Only input. Do not switch off a module to pause entries while it has open positions: disabling it also stops that module's normal strategy management. Keep the module enabled until it is flat.

3 EURUSD — Identity and Execution

Identifies EURUSD orders and controls permitted directions, Hedge Mode and the optional entry spread filter.

Magic Number

Default: **898936962**

Unique identifier stamped on EURUSD orders. Duelist uses the combination of symbol and Magic Number to recognize and manage the EURUSD module's own positions.

> **Note —** Keep it different from the AUDCAD Magic Number and from other EAs. If you change it, the new instance will not adopt positions opened with the previous number.

Order Comment

Default: **Duelist**

Text attached to EURUSD orders to make them easier to identify in the Trade and History tabs. It does not determine ownership; the Magic Number does.

Trading Direction

Default: **Both Directions**

Allows both BUY and SELL basket seeds, BUY seeds only, or SELL seeds only for the EURUSD module.

> **Note —** This governs the opening of a new directional basket. Existing baskets remain subject to normal management, including possible grid additions.

Enable Spread Filter

Default: **Off**

When on, blocks new EURUSD basket seeds while the current spread exceeds the configured maximum. Existing baskets continue to be managed, and grid additions are not suspended by this input.

Maximum Spread (points)

Default: **40.0**

Maximum EURUSD spread accepted for a new basket seed when the spread filter is enabled.

> **Note —** The unit is broker points, not pips. On many five-digit Forex symbols, 10 points equal approximately 1 pip.

Hedge Mode

Default: **On**

When on, EURUSD keeps its standard behavior and may open independent BUY and SELL baskets at the same time. When off, a new opposite basket cannot open until every position in the active directional basket has closed.

> **Note —** The check covers EURUSD positions matching the module symbol and Magic Number, whether the active side contains one position or a grid. It does not force a close or suspend same-direction grid additions and basket management.

4 EURUSD — Lot Sizing and Total Stop-Loss

Choose automatic balance-based sizing or a fixed initial lot, then optionally apply a module-level floating-loss limit.

Enable Auto Lot

Default: **On**

This switch applies to both EURUSD directions. When on, Duelist uses the corresponding BUY or SELL risk preset. When off, it uses BUY Fixed Initial Lot or SELL Fixed Initial Lot.

BUY / SELL Auto Lot Risk and Reference Balance

Default: **Medium**

Two independent inputs select the reference balance for EURUSD BUY and SELL initial volumes. Higher presets use a smaller reference balance and therefore increase volume sooner.

> **Risk labels are relative.** They are sizing profiles, not a promise of a maximum loss percentage. The value controls the initial/base lot; a managed basket can later contain additional positions and different volumes.

BUY / SELL Custom Balance per 0.01 Lot (account currency)

Default: **5000 each**

Used with Auto Lot and Custom on the corresponding side. Formula: `max(1, floor(balance / reference)) × 0.01`, subject to existing volume and margin controls. Custom uses native account currency. With balance 10,000, BUY reference 5,000 gives 0.02 and SELL reference 2,500 gives 0.04.

> **Open baskets —** New settings apply to the next basket on that side. Existing grids retain their sizing references. Dashboard BASE LOT BUY / SELL shows the next calculated initial lots.

EURUSD preset	Reference shown in MetaTrader	Relative sizing
Very Low	2500 per 0.01 lot	Smallest
Low	1800 per 0.01 lot	Lower
Medium	1200 per 0.01 lot	Default
High	500 per 0.01 lot	Largest
Custom	BUY / SELL reference in account currency	User-defined

> **How standard Auto Lot presets step —** EURUSD uses the numeric account balance in native account-currency units. The calculated volume is `max(1, floor(balance / reference)) × broker minimum lot`, then normalized to broker limits. Below the first reference, the result is still one broker-minimum lot; different presets can therefore show the same lot over part of a balance range.

BUY / SELL Fixed Initial Lot (when Auto Lot is disabled)

Default: **0.01**

Separate starting volumes for EURUSD BUY and SELL when Auto Lot is off. For example, BUY 0.02 and SELL 0.04. The requested value is normalized to the broker's permitted minimum, maximum and volume step.

4

EURUSD MODULE

Total Stop-Loss

Enable Total Stop Loss

Default: **Off**

Enables a module-wide floating-loss limit for Duelist's EURUSD positions. When the selected threshold is reached, the EA attempts to close all EURUSD positions belonging to this module.

Stop-Loss Measurement Mode

Default: **Account Currency**

Chooses whether the EURUSD total stop is measured as a fixed amount in the account currency or as a percentage of the current account balance.

Currency Stop Loss (0 = off)

Default: **0.0**

Floating-loss threshold in the account deposit currency. It is used only when Total Stop Loss is enabled and the measurement mode is Account Currency.

Percentage Stop Loss (0 = off)

Default: **0.0**

Floating-loss threshold as a percentage of account balance. It is used only when Total Stop Loss is enabled and the measurement mode is Percentage of Balance.

> **Execution note —** A total stop sends market-close requests. Fast markets, gaps, freeze levels, FIFO rules or rejected requests can cause the final realized loss to differ from the threshold.

Emergency margin protection remains active. Turning Total Stop Loss off disables only the user-configured threshold. The EURUSD module retains an internal stop-out guard and may close matching Duelist positions if account margin becomes unsafe.

5 EURUSD — Profit Goal and Grid Management

Controls the base EURUSD basket objective, the maximum depth policy and margin-aware lot reduction.

Initial Profit Target

Default: **0.3**

Base net profit objective for a EURUSD basket, expressed in the account currency and scaled from the basket's initial lot. At 0.01 initial lot, the base objective is 0.30 account-currency units.

> **Note —** This is basket-level management, not a fixed Take Profit distance on every ticket. The internal target calculation also accounts for applicable trading costs such as commission and swap.

Grid Depth Mode

Default: **Adaptive 3-5 Positions (Recommended)**

In Adaptive mode, Duelist selects a EURUSD automatic-basket ceiling within the built-in 3-to-5-position range. A sequence started through the MANUAL tab always uses 5 in Adaptive mode. Fixed User Limit applies the maximum entered below to both automatic and manual sequences separately.

Maximum Grid Positions (Fixed Mode; initial entry included)

Default: **5**

Maximum number of open EURUSD positions admitted automatically in each basket when Grid Depth Mode is Fixed User Limit. Each independent manual sequence uses this same configured limit. The initial position and manually added positions count toward the limit; a separate confirmed manual recovery can exceed it.

> **Note —** This value determines basket depth only in Fixed User Limit mode. It must nevertheless remain between 1 and 128 because initialization validates it in both modes.

Reduce Lot to Available Margin When Required

Default: **On**

Allows EURUSD entry volume to be reduced when the requested size does not fit the available margin. If no valid volume fits, the order is not opened.

> **Note —** This can reduce an individual order below its planned size; it does not override broker minimum volume or the EA's safety checks.

6 EURUSD — News and Trading Calendar

Select which economic-news impact levels pause new EURUSD basket seeds and which broker-server weekdays may start new baskets. These controls do not suspend management of existing baskets, and grid additions may still be opened.

Pause for High Impact News

Default: **On**

Pauses new EURUSD basket seeds around qualifying high-impact events found by the active live or tester news source.

Pause for Medium Impact News

Default: **Off**

Adds qualifying medium-impact events to the EURUSD news blackout when enabled.

Pause for Low Impact News

Default: **Off**

Adds qualifying low-impact events to the EURUSD news blackout when enabled. This is the broadest and most restrictive event coverage.

EURUSD MODULE

6 Trading Calendar

Enable Friday Entry Cutoff

Default: **Off**

When enabled, stops EURUSD from opening new BUY and SELL baskets on Friday from the configured cutoff time, inclusive, until the end of that Friday. The cutoff uses broker server time and does not force positions to close.

> **Open baskets —** Existing baskets continue to be managed under their normal rules, including grid additions, targets, trailing, exits and safety protections. If a basket closes after the cutoff, a new basket cannot start again that Friday.

Friday Cutoff Hour (broker time, 0-23)

Default: **12**

Sets the broker-server hour at which the EURUSD Friday entry cutoff begins.

Friday Cutoff Minute (0-59)

Default: **0**

Sets the minute within the selected cutoff hour. For example, 11:30 blocks new EURUSD baskets from 11:30:00 on Friday.

Allow New Trades on Monday

Default: **On**

Allows new EURUSD basket seeds during the module's built-in Monday trading hours.

Allow New Trades on Tuesday

Default: **On**

Allows new EURUSD basket seeds during the module's built-in Tuesday trading hours.

Allow New Trades on Wednesday

Default: **On**

Allows new EURUSD basket seeds during the module's built-in Wednesday trading hours.

Allow New Trades on Thursday

Default: **On**

Allows new EURUSD basket seeds during the module's built-in Thursday trading hours.

Allow New Trades on Friday

Default: **On**

Allows new EURUSD basket seeds during the module's built-in Friday trading hours.

Pause New Trade During End of the Year/New Year

Default: **On**

Blocks new EURUSD basket seeds from 24 December through 1 January inclusive.

> **Note —** Weekday and holiday controls apply to new basket seeds only. Open baskets continue to be managed and may add grid positions or close normally.

7 AUDCAD — Identity and Execution

Identifies the integrated AUDCAD engine and controls direction, Hedge Mode, spread and permitted execution deviation.

Magic Number

Default: **463743598**

Unique identifier stamped on AUDCAD orders. Duelist manages AUDCAD positions only when both the resolved symbol and this Magic Number match.

> **Note —** Keep it unique. Other AUDCAD trades with another Magic Number, including manual positions, are not included in Duelist's AUDCAD basket.

Order Comment

Default: **Duelist**

Text attached to AUDCAD orders for identification in the terminal. It is a label and does not replace the Magic Number.

Trading Direction

Default: **Both Directions**

Allows both BUY and SELL basket seeds, BUY seeds only, or SELL seeds only for AUDCAD. Existing baskets remain managed and may add grid positions.

Maximum Spread (points)

Default: **30**

Blocks both new AUDCAD basket seeds and additions to existing AUDCAD baskets while the current spread is above this threshold. Set 0 or less to disable this spread limit.

> **Note —** This input is in broker points. It does not force the broker to fill an order at the displayed spread.

Hedge Mode

Default: **On**

When on, AUDCAD keeps its standard behavior and may open independent BUY and SELL baskets at the same time. When off, a new opposite basket cannot open until every position in the active directional basket has closed.

> **Note —** The check covers AUDCAD positions matching the resolved module symbol and Magic Number, whether the active side contains one position or a grid. It does not force a close or suspend same-direction grid additions and basket management.

Maximum Slippage (points)

Default: **100**

Maximum permitted price deviation sent with AUDCAD trade requests. Actual execution remains subject to broker rules, liquidity and the available filling policy.

8 AUDCAD — Lot Sizing and Total Stop-Loss

AUDCAD has its own sizing profile and its own module-level floating-loss protection, independent of EURUSD.

Enable Auto Lot

Default: **On**

This switch applies to both AUDCAD directions. When on, Duelist uses the corresponding BUY or SELL risk preset. When off, it uses BUY Fixed Initial Lot or SELL Fixed Initial Lot.

BUY / SELL Auto Lot Risk and Reference Balance

Default: **Medium**

Two independent inputs select one of six AUDCAD balance references or Custom for each direction. Higher profiles increase the calculated base lot sooner.

BUY / SELL Custom Balance per 0.01 Lot (account currency)

Default: **5000 each**

Used with Auto Lot and Custom on the corresponding side. Formula: `max(1, floor(balance / reference)) × 0.01`, subject to existing volume and margin controls. Custom uses native account currency. With balance 10,000, BUY reference 5,000 gives 0.02 and SELL reference 2,500 gives 0.04.

> Open-basket handling follows the same rules described in the EURUSD sizing section.

AUDCAD preset	Reference shown in MetaTrader	Relative sizing
Very Low	2500 per 0.01 lot	Smallest
Low	1500 per 0.01 lot	Lower
Low-Medium	1200 per 0.01 lot	Below default
Medium	1000 per 0.01 lot	Default
Medium-High	800 per 0.01 lot	Higher
High	500 per 0.01 lot	Largest
Custom	BUY / SELL reference in account currency	User-defined

How standard Auto Lot presets step — AUDCAD converts its sizing balance to a USD equivalent when possible. The calculated volume is `max(1, floor(sizing balance / reference)) × broker minimum lot`, then normalized to broker limits. Below the first reference, the result is still one broker-minimum lot; different presets can therefore show the same lot over part of a balance range.

BUY / SELL Fixed Initial Lot (when Auto Lot is disabled)

Default: **0.01**

Separate AUDCAD BUY and SELL base lots used when Auto Lot is off. The volume is normalized to the broker's allowed volume step and limits.

> **Exposure note —** Auto Lot or Fixed Initial Lot defines the starting/base lot, not maximum basket exposure. AUDCAD has no public Maximum Grid Positions input; an existing basket may add positions and its order volumes may evolve, subject to broker and margin protections.

8

AUDCAD MODULE

Total Stop-Loss

Enable Total Stop Loss

Default: **Off**

Enables a floating-loss limit across all AUDCAD positions owned by this module. When triggered, Duelist attempts to close those positions and temporarily pauses new AUDCAD entries.

Stop-Loss Measurement Mode

Default: **Account Currency**

Chooses a fixed account-currency threshold or a percentage-of-balance threshold for the AUDCAD total stop.

Currency Stop Loss (0 = off)

Default: **0.0**

AUDCAD floating-loss threshold in the account currency. Used only with Total Stop Loss enabled and Account Currency selected.

Percentage Stop Loss (0 = off)

Default: **0.0**

AUDCAD floating-loss threshold as a percentage of the current account balance. Used only with Total Stop Loss enabled and Percentage of Balance selected.

> **After a total stop —** The dashboard can show `RECOVERY WAIT`. AUDCAD keeps new entries paused for at least 30 minutes while the module returns to a clean operating state.

Emergency margin protection remains active. Turning Total Stop Loss off disables only the user-configured threshold. AUDCAD retains an independent margin-safety guard and may close matching Duelist positions if account margin becomes unsafe.

AUDCAD profit management is preconfigured. The integrated module does not expose an Initial Profit Target input. Its exits are managed virtually by the EA, so MetaTrader, the trading account connection and Algo Trading must remain active; a stable VPS is strongly recommended for continuous operation.

9 AUDCAD — Trading Calendar

Weekday permissions, the optional Friday entry cutoff and the optional year-end pause govern new AUDCAD basket seeds. All times and dates follow broker server time; existing baskets remain managed.

Enable Friday Entry Cutoff

Default: **Off**

When enabled, stops AUDCAD from opening new BUY and SELL baskets on Friday from the configured cutoff time, inclusive, until the end of that Friday. The cutoff uses broker server time and does not force positions to close.

> **Open baskets —** Existing baskets continue to be managed under their normal rules, including grid additions, targets, trailing, exits and safety protections. If a basket closes after the cutoff, a new basket cannot start again that Friday.

Friday Cutoff Hour (broker time, 0-23)

Default: **12**

Sets the broker-server hour at which the AUDCAD Friday entry cutoff begins.

Friday Cutoff Minute (0-59)

Default: **0**

Sets the minute within the selected cutoff hour. For example, 11:30 blocks new AUDCAD baskets from 11:30:00 on Friday.

Allow New Trades on Monday

Default: **On**

Allows a new AUDCAD basket seed on Monday when all other strategy and safety conditions are satisfied.

Allow New Trades on Tuesday

Default: **On**

Allows a new AUDCAD basket seed on Tuesday when all other strategy and safety conditions are satisfied.

Allow New Trades on Wednesday

Default: **On**

Allows a new AUDCAD basket seed on Wednesday when all other strategy and safety conditions are satisfied.

Allow New Trades on Thursday

Default: **On**

Allows a new AUDCAD basket seed on Thursday when all other strategy and safety conditions are satisfied.

Allow New Trades on Friday

Default: **On**

Allows a new AUDCAD basket seed on Friday when all other strategy and safety conditions are satisfied.

Pause New Trade During End of the Year/New Year

Default: **Off**

When enabled, blocks new AUDCAD basket seeds from 15 December through 15 January inclusive.

> **Note —** Existing baskets remain managed and may add grid positions.

Built-in AUDCAD NFP safety. AUDCAD blocks new basket seeds on the first Friday of every month and on the scheduled USD Nonfarm Payrolls broker-server day when calendar data is available. If calendar data is unavailable, the first-Friday safety remains active. Existing baskets, including grid management, remain active. The shared live calendar load window and Backtest Server-Time Convention also affect scheduled NFP-day detection.

10 NZDCAD — Identity and Execution

Select the NZDCAD setup and configure identification, direction, Hedge Mode, spread and permitted execution deviation.

Strategy Setup

Default: **Steady**

Select **Steady** or **Turbo** for NZDCAD. Configure lot sizing, direction, trading calendar and protection using their respective inputs.

Magic Number

Default: **463743699**

Identifies Duelist's NZDCAD trades. Use a different Magic Number from EURUSD, AUDCAD and other EAs.

> **Note —** Do not change this number while the module has open positions.

Order Comment

Default: **Duelist**

Text shown with NZDCAD orders in the terminal. Use it as a label; it does not replace the Magic Number.

Trading Direction

Default: **Both Directions**

Allows new automatic NZDCAD trades in both directions, BUY only or SELL only. Existing positions remain managed.

Maximum Spread (points)

Default: **30**

Sets the spread limit for automatic NZDCAD openings. Set 0 or less to disable this limit.

> **Note —** The value uses broker points. It does not guarantee the spread at execution.

Hedge Mode

Default: **On**

When on, automatic BUY and SELL baskets may be open at the same time. When off, a new opposite basket waits until the active side has closed. Changing this setting does not close existing positions.

Maximum Slippage (points)

Default: **100**

Maximum permitted price deviation requested for NZDCAD orders, in broker points. Actual execution depends on the broker and market conditions.

11 NZDCAD — Lot Sizing and Total Stop-Loss

Configure NZDCAD exposure and its optional floating-loss limit independently of the other modules.

Enable Auto Lot

Default: **On**

Applies to both directions. When on, use the corresponding BUY or SELL risk preset. When off, use BUY Fixed Initial Lot and SELL Fixed Initial Lot.

BUY / SELL Auto Lot Risk and Reference Balance

Default: **Medium**

Select a sizing preset or Custom separately for BUY and SELL. The available reference balances are listed below.

BUY / SELL Custom Balance per 0.01 Lot (account currency)

Default: **5000 each**

Set your own account-currency reference balance for each direction. Used only when Auto Lot is on and Custom is selected for that side. Check the resulting volume in the dashboard.

NZDCAD preset	Reference shown in MetaTrader	Relative sizing
Very Low	2500 per 0.01 lot	Smallest
Low	1500 per 0.01 lot	Lower
Low-Medium	1200 per 0.01 lot	Below default
Medium	1000 per 0.01 lot	Default
Medium-High	800 per 0.01 lot	Higher
High	500 per 0.01 lot	Largest
Custom	BUY / SELL reference in account currency	User-defined

BUY / SELL Fixed Initial Lot (when Auto Lot is disabled)

Default: **0.01**

Set the initial volume separately for NZDCAD BUY and SELL trades when Auto Lot is off. Broker volume limits and available margin still apply.

> **Exposure note —** The initial lot is not a limit on total exposure. Additional positions may increase the total volume. Review the module's open lots and available margin.

NZDCAD MODULE

11 Total Stop-Loss

Enable Total Stop Loss

Default: **Off**

Enables a floating-loss limit for NZDCAD positions managed by this module, including its manual sequences. When reached, Duelist attempts to close those positions and pauses new NZDCAD entries.

Stop-Loss Measurement Mode

Default: **Account Currency**

Choose a fixed amount in the account currency or a percentage of the account balance.

Currency Stop Loss (0 = off)

Default: **0.0**

Sets the NZDCAD floating-loss limit in account currency. Used with Total Stop Loss enabled and Account Currency selected.

Percentage Stop Loss (0 = off)

Default: **0.0**

Sets the NZDCAD floating-loss limit as a percentage of the current account balance. Used with Total Stop Loss enabled and Percentage of Balance selected.

> **After a total stop —** Check the dashboard status and Journal. New entries remain paused while RECOVERY WAIT is displayed.

Margin protection remains active. Turning Total Stop Loss off disables the optional threshold. Other safety controls remain active and may close positions when account margin is insufficient.

Keep Duelist running. Position management requires MetaTrader, the account connection and Algo Trading to remain active.

12 NZDCAD — Trading Calendar

All times use broker server time. Entry pauses do not stop management of open positions.

Enable Friday Entry Cutoff

Default: **Off**

Blocks new NZDCAD baskets from the Friday cutoff until midnight. Open positions remain managed.

Friday Cutoff Hour (broker time, 0-23)

Default: **12**

Sets the broker-server hour at which the Friday entry cutoff begins.

Friday Cutoff Minute (0-59)

Default: **0**

Sets the minute within the cutoff hour. For example, 11:30 prevents new NZDCAD baskets from 11:30:00 on Friday.

Allow New Trades on Monday

Default: **On**

Allows new automatic NZDCAD trades on Monday, subject to the other configured limits and trading permissions.

Allow New Trades on Tuesday

Default: **On**

Allows new automatic NZDCAD trades on Tuesday, subject to the other configured limits and trading permissions.

Allow New Trades on Wednesday

Default: **On**

Allows new automatic NZDCAD trades on Wednesday, subject to the other configured limits and trading permissions.

Allow New Trades on Thursday

Default: **On**

Allows new automatic NZDCAD trades on Thursday, subject to the other configured limits and trading permissions.

Allow New Trades on Friday

Default: **On**

Allows new automatic NZDCAD trades on Friday, subject to the other configured limits and trading permissions.

Block New NZDCAD Seeds on NFP Friday

Default: **Off**

Pauses new NZDCAD entries on NFP Friday. Open positions remain managed.

Pause New Trade During End of the Year/New Year

Default: **Off**

Pauses new NZDCAD baskets from 15 December through 15 January inclusive.

13 News Filter

Duelist uses MetaTrader economic calendar data for live/demo EURUSD operation and handles historical news filtering automatically in the Strategy Tester. The impact switches in section 6 govern new EURUSD basket seeds.

Backtest News Filtering Is Automatic

News filtering is applied automatically during Strategy Tester runs. The live/demo switch below applies only to live/demo operation and does not disable backtest news filtering.

Enable EURUSD Live/Demo News Filter

Default: **On**

Uses the live MetaTrader economic calendar to pause new EURUSD basket seeds around qualifying events. Turn it off only if you intentionally do not want live/demo news filtering.

News windows — Preselected EUR/USD categories use a fixed window from 400 minutes before to 5 minutes after the event; qualifying NFP events pause basket seeds from 400 minutes before the event until the end of that broker-server day. The High, Medium and Low switches control those standard MetaTrader importance levels. A preselected event with another or unavailable classification may still participate. Existing baskets remain managed and may add grid positions.

Live Calendar Days Loaded Before and After Today

Default: **5**

Size of the live calendar window loaded on each side of the current day. A value of 5 loads recent and upcoming events far enough around today for the configured blackout logic.

Note — Values below 1 are invalid while the applicable news filter is active.

Print News-Filter Events in Journal

Default: **Off**

Compatibility input retained in product version 1.7. In the current build it does not enable additional event messages; essential calendar warnings and operational news-pause messages are handled independently. Leave it Off.

Backtest Server-Time Convention

Default: **New York Close / US DST**

Converts historical event times to the server-time convention represented by tester bars. Choose the convention that matches the broker data used for the backtest.

Available choices — New York Close / US DST (UTC+2 winter, UTC+3 during US DST), European EET/DST, fixed UTC+2, fixed UTC+3, or UTC. A wrong selection shifts the simulated news windows.

Calendar filtering is fail-open. If live data is unavailable or outside its loaded range, or a tester date is outside the supported historical period, Duelist may allow new basket admission to continue subject to the other checks; it does not freeze trading. A news-data loading failure is reported at initialization, but an out-of-range runtime bypass may not add a Journal message in the current build. In product version 1.7, the supported historical period is 1 January 2020 through 20 August 2026 UTC. When a pause is active, the dashboard shows the available event label and countdown.

14 Dashboard and Appearance

Duelist's responsive dashboard combines account-wide context with automatic-module data and five views: LIVE, EQUITY, MONTHLY P/L, STATS and MANUAL. The MANUAL view manages independent user-started sequences.

Show Duelist Dashboard

Default: **On**

Shows the on-chart Duelist panel. The panel appears in live/demo trading and visual backtests, but is suppressed during optimization and non-visual tester runs.

> **Note —** Turning the dashboard off does not disable trading.

Apply Duelist Chart Theme

Default: **On**

Applies Duelist's dark chart palette to improve dashboard readability. The previous chart colors are saved and restored when the EA is removed normally.

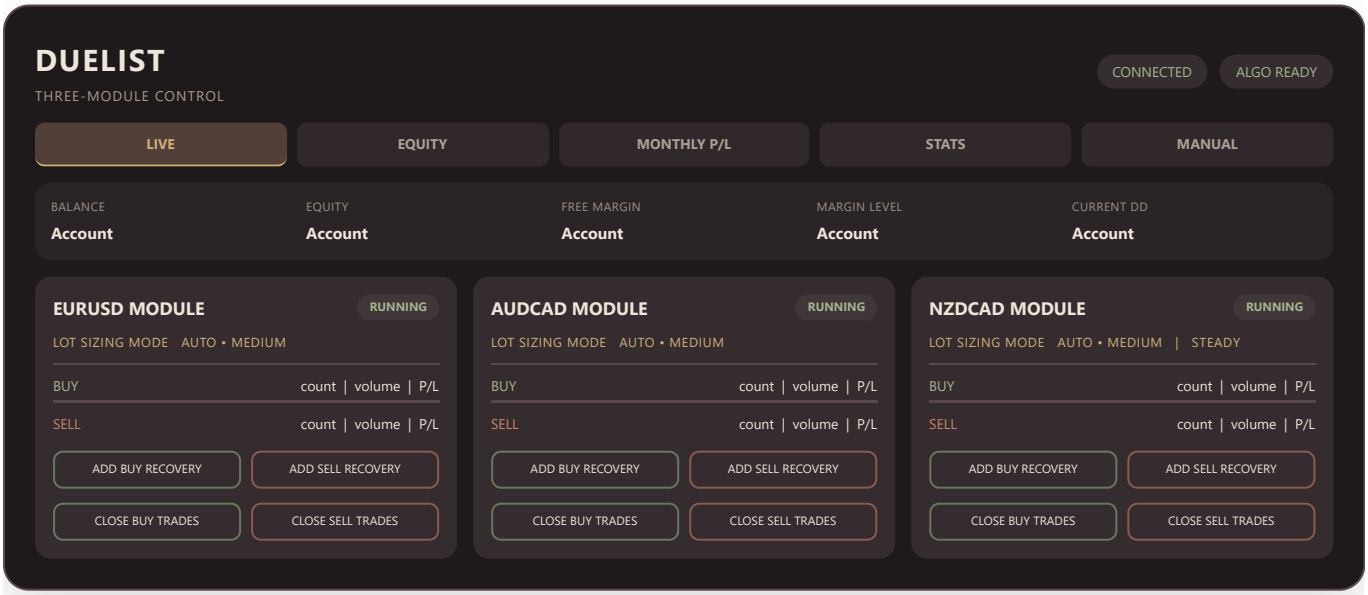
> **Note —** This setting is independent of Show Duelist Dashboard. To keep the original chart appearance with no panel, turn both settings off.

Show NZDCAD Indicative Levels

Default: **On**

Shows indicative exit guides on open NZDCAD charts. These are visual references, not broker Take Profit orders or guaranteed closing prices. Turning them off hides the guides without changing trade management.

Dashboard quick map



Schematic overview. The dashboard is opaque and stays in front of chart objects and trade levels. The panel automatically selects FULL, COMPACT or MINI for the available chart size. In MINI, click **OPEN DASHBOARD** to access all five tabs. The LIVE view uses three equal-sized module cards in one row on wide charts, or equal-width cards stacked vertically on narrower charts. The expanded panel adapts to the chart width; use **UP / DOWN** when its content needs vertical scrolling.

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DASHBOARD GUIDE

Dashboard Views

Account strip

Balance, equity, margin and current drawdown are account-wide values.

Module cards

Counts, volumes, floating P/L and historical net profit include the matching automatic module. Independent manual sequences appear in MANUAL.

Lot Sizing Mode

Each module shows its AUTO preset(s) or FIXED mode and separate BASE LOT BUY / SELL values: the calculated initial lots under current settings.

Small-screen navigation

OPEN DASHBOARD restores all tabs from MINI. Tabs stay fixed; UP / DOWN scrolls content and is inactive at its limits. MINI returns to the summary.

LIVE

Default view

Shows account context, automatic-module status, symbol, historical net profit, current BUY/SELL exposure, floating P/L, Lot Sizing Mode, news notices and the last Duelist action. Its recovery and directional close buttons operate only on the ordinary automatic baskets.

AUDCAD-only on an AUDCAD chart. Set **Enable EURUSD Module** to **Off** and **Enable AUDCAD Module** to **On**. The AUDCAD card shows AUDCAD floating P/L and its own history. The disabled EURUSD card retains the corresponding broker EURUSD symbol, including its prefix or suffix, and EURUSD history. Attaching to AUDCAD does not reassign AUDCAD results to EURUSD. Keep the module Magic Numbers different.

EQUITY

Live session

Plots realized net plus floating P/L for Duelist's ordinary automatic modules from the current dashboard session. It resets when the EA/dashboard is initialized and does not backfill an old live curve. Independent manual sequences are excluded.

MONTHLY P/L

Last 12 months

Shows realized net results for the ordinary automatic modules by broker-server month, including profit, swap, commission and deal fees available from history. Independent manual sequences are excluded. The compact tab label is MONTHLY.

STATS

Automatic modules

Shows realized-balance maximum peak-to-trough drawdown and maximum stagnation for the ordinary automatic modules. Floating drawdown and independent manual sequences are excluded.

MANUAL

Independent sequences

Starts new user-directed sequences and displays the selected sequence's identity, direction, open count, automatic limit, volume and floating P/L. Select a sequence to add recovery or close only that sequence.

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DASHBOARD GUIDE

Controls and Status

The LIVE controls act only on the ordinary automatic basket for the selected module and direction. Independent manual sequences use their own controls in MANUAL. There is deliberately no account-wide Close All button.

Directional close buttons

Each module has separate **CLOSE BUY TRADES** and **CLOSE SELL TRADES** controls. The first click arms a five-second confirmation. Click the same button again before the countdown expires to send the close command.

Two-click protection. If the selected basket changes after the first click, Duelist asks for confirmation again. Clicking elsewhere, changing view or layout, scrolling, resizing the chart or waiting longer than five seconds cancels an armed confirmation. Always read the final button state and Last Action message.

RUNNING / ACTIVE

The module is initialized and operating. ACTIVE is normally used in the Strategy Tester.

NEWS PAUSE

New basket seeds are paused around a relevant event; open baskets remain managed and may add grid positions.

RECOVERY WAIT

AUDCAD or NZDCAD is temporarily waiting after a protective close before it can accept new entries.

MANAGEMENT ONLY

New entries are blocked while existing positions remain managed. Check the Journal for the current operating status.

CLOSING CYCLE

A close operation is in progress for NZDCAD. Keep the terminal connected and Algo Trading enabled.

PROTECTING

A protection routine is attempting to close qualifying Duelist positions.

STOPPED / UNAVAILABLE

The module cannot currently open trades or did not initialize successfully.

DISABLED

The module switch is off.

TARGET REACHED

EURUSD has reached an internal operating target and is not accepting new entries.

Close feedback

Buttons can report **CLOSING**, **TRADES CLOSED**, **RETRY CLOSE**, **FIFO BLOCKED** or **CLOSE UNAVAILABLE**. After confirmation, Duelist retries in memory at approximately 650 ms intervals, for up to 15 seconds or 10 attempts without progress. Reinitializing or removing Duelist, or restarting the terminal, cancels an outstanding request. Broker FIFO restrictions, closed sessions, connection state, Algo Trading permissions and symbol freeze levels can prevent completion. Always verify that the requested side is flat; **RETRY CLOSE** means it was not fully closed.

Ownership boundary. LIVE directional close commands exclude independent MANUAL sequences. Trades opened directly through MetaTrader and another EA's positions are also excluded while their Magic Numbers differ. Never reuse Duelist ownership identifiers.

14 DASHBOARD GUIDE

Starting Independent Manual Sequences

You choose the initial direction and timing; Duelist calculates the lot and manages each resulting sequence independently. Automatic trading continues alongside it.

Start a sequence

1. Select **MANUAL**; in MINI, click **OPEN DASHBOARD** first. Use **UP / DOWN** if needed to reach the EURUSD, AUDCAD or NZDCAD row, then click **START BUY** or **START SELL**.
2. Read **REVIEW AND CONFIRM**: it identifies the symbol, direction and calculated volume. If any manual sequence is already active, an explicit warning explains that this creates another independent sequence and increases total exposure.
3. Within **10 seconds**, click **CONFIRM** in the expanded panel's visible review box, or the same START button in normal FULL/COMPACT. **CANCEL** dismisses the review box. One confirmed action submits one initial market opening; read its status before another action.

The initial lot follows the selected module's existing sizing inputs: its configured fixed lot or Auto Lot calculation for that direction, broker volume constraints and applicable margin adjustment. A changed lot or sequence list cancels confirmation; review and confirm again. A refused opening is not queued for a later entry.

Manual starts bypass automatic entry filters

The start command ignores the automatic signal, trading hours and weekdays, news/calendar pauses, Friday cutoff and spread filter. The user chooses the entry time. A working module, trading permissions, an open broker session, recent quotes, valid volume and adequate margin remain necessary. Account and module safety protections still apply.

Multiple independent baskets

You may create several manual sequences on the same symbol and in the same direction. A manual EURUSD BUY does not occupy the automatic EURUSD BUY basket or prevent a normal signal from starting one. Each manual sequence owns its own positions, sizing reference, recovery state, target and close operation. Automatic-module filters continue to govern automatic starts.

Shared account resources remain shared. All positions affect balance, equity, margin and broker volume capacity. Consequently, extra manual exposure can influence account-based sizing, execution capacity and protective actions even though basket accounting is separate.

Manual sequence	Automatic recovery limit
EURUSD — Fixed User Limit	The user's Maximum Grid Positions value, applied separately to every sequence. Fixed 10 allows up to 10 open positions through automatic management.
EURUSD — Adaptive	5 open positions; the signal-dependent reduction to 3 does not apply to a manual start.
AUDCAD	No new numeric cap is introduced. Its existing recovery and exit rules remain in effect.

The EURUSD count includes the initial position and any manually added positions still open in that sequence. Reaching the automatic limit stops further automatic additions; management and exits continue. A separately confirmed manual recovery may exceed the limit.

14 DASHBOARD GUIDE

Managing and Identifying Manual Sequences

Select the intended sequence

Use **< PREV** and **NEXT >** in MANUAL. Check the displayed **sequence ID, symbol and direction**. The panel shows open positions, automatic maximum, total lots, floating P/L and the next manual recovery preview or its availability reason.

Control	Scope and confirmation
ADD RECOVERY	Opens a recovery preview for only the selected manual sequence. Check its chart, indicative price and calculated lot, then click REVIEW, then CONFIRM within 30 seconds. It may exceed the EURUSD automatic cap.
CLOSE SEQUENCE	Requests closure only of the selected manual sequence. Review and confirm within 10 seconds. Other manual sequences and automatic baskets remain independent.
LIVE recovery / close buttons	Operate on the ordinary automatic basket for that module and direction. They do not target a sequence shown in MANUAL.

Automatic recoveries after a manual start follow the corresponding module's recovery rules and their applicable checks. The initial entry-filter bypass is not a blanket bypass for subsequent automatic management. Manual recovery requests use the module's recovery sizing and operational checks.

For **START BUY / START SELL** and **CLOSE SEQUENCE**, **OPEN DASHBOARD** uses **REVIEW AND CONFIRM** with **CONFIRM / CANCEL**; normal FULL/COMPACT uses a second click on the same action. Changed selection, basket, lot, execution status, view, layout, scrolling, chart size or expiry cancels that confirmation. Finish navigating before confirming. **ADD RECOVERY** uses the separate preview below. Wait for unresolved execution; an uncertain opening is not automatically resent.

Trade comments and ownership

The first opening carries a comment ending in `Manual 12 Start`; its recoveries use `Manual 12 Rec 1`, `Manual 12 Rec 2`, and so on. The sequence ID links the entries visibly. The configured comment prefix is retained where it fits within the comment length limit.

Manual identifies the origin of the sequence. Its automatically opened recoveries also carry this label. Internal ownership and persistent state identify the basket independently of the visible comment. Positions opened directly with MetaTrader's New Order or one-click controls are not adopted by this feature.

Restart, closure and protections

On the same terminal/account with the same configuration and saved state, Duelist restores active manual sequences, including those whose first position has already closed. Keep Duelist's state files and ownership settings intact while positions or requests remain open. Once a sequence is fully closed, it does not restart automatically.

Account-wide balance, equity and margin remain common to both forms of trading. Configured module protections and emergency margin safeguards continue to include the manual exposure within their applicable scope; a manual start cannot override an active safety block. Broker execution restrictions still apply to recovery and closure.

> **Adding to an automatic basket from LIVE.** ADD BUY RECOVERY / ADD SELL RECOVERY require an existing automatic basket. The first click opens Recovery Preview. Choose AUTO or CUSTOM volume, then REVIEW to start the 30-second confirmation window. Spread checks and operational protections remain in force. These controls can exceed the automatic EURUSD cap but do not start an independent sequence. See the separate *Duelist — Manual Recovery* guide for detailed feedback and pending-request behavior.

From MINI, OPEN DASHBOARD gives access to MANUAL. Use UP / DOWN to reach sequence selection, ADD RECOVERY and CLOSE SEQUENCE on shorter charts. Navigation does not change trading settings or close positions. Rendering and Strategy Tester checks do not certify live broker execution.

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Recovery Preview

Choose the next manual recovery volume and compare the current and projected exit levels before submitting an order. Available for all three modules in LIVE and MANUAL.

Choose, review, confirm

1. Open ADD BUY / SELL RECOVERY in LIVE, or ADD RECOVERY for the selected MANUAL sequence. Verify the owner, symbol and direction.
2. **AUTO** uses Duelist's normal recovery sizing. Select **CUSTOM** to type a lot size or use **− / +** in broker volume steps. A decimal point or comma is accepted. The selected mode is filled gold and repeated as **MODE: AUTO / CUSTOM**. The preview updates while you edit.
3. Compare **TP NOW / TP AFTER** (EURUSD) or **EXIT NOW / EXIT AFTER** (AUDCAD/NZDCAD), the distance in pips, total lots and the projected closing quantity. Click **REVIEW** when ready; editing has no countdown.
4. Check the amount on **CONFIRM** and confirm within **30 seconds**. Expiry returns to editing and keeps your custom amount. One confirmed request submits one market opening.

Understanding the projected level

EURUSD: the theoretical common basket TP uses the existing monetary target, enabled cost settings and broker price constraints. **AUDCAD / NZDCAD:** compare the indicative exit level and projected closing quantity. NOW describes the current positions; AFTER includes the proposed recovery. Other positions may remain open. Actual exit conditions still apply.

Exit prices use **Bid for BUY** and **Ask for SELL**; pips are measured from the current executable closing side. The optional candle chart uses the recovery symbol and host timeframe. A fixed legend identifies the grey dashed current exit and green solid projected exit, even when they overlap. EURUSD TP labels also show the exact target prices, repeated in the legend. Its lines use the Bid chart scale; the entry reference uses current Ask for BUY and Bid for SELL. These are estimates at current quotes: the fill, costs and final exit can differ.

Volume and request checks

CUSTOM applies only to this recovery and starts again in AUTO on the next preview. It does not change the seed lot or settings. The opened volume can influence later recovery sizing under the module's existing rules. Invalid or unaffordable custom volumes are rejected without silently reducing or rounding them. The exact amount and all applicable protections are checked again before sending.

CANCEL, Escape, chart resizing or changed basket positions cancels preparation. Missing or stale quotes also cancel it. Invalid input or unavailable projection disables submission. On small charts the numeric comparison stays visible and candles can be omitted; enlarge the chart if the controls cannot fit. Existing positions continue to be managed throughout.

15 Live Trading and Strategy Tester

Use controlled settings and realistic data. A successful compilation or backtest does not guarantee future live performance or identical fills at another broker.

Live/demo checklist

1. Confirm the account is **MT5 Hedging**.
2. Attach Duelist to the broker's EURUSD symbol and verify AUDCAD is available if that module is enabled.
3. Confirm terminal connection, account trade permissions, the toolbar Algo Trading button and the EA's Common-tab permission.
4. Use distinct module Magic Numbers and avoid duplicating the same Duelist instance with the same identifiers.
5. Verify the dashboard's **Lot Sizing Mode** for each module before allowing new entries.
6. Start on demo or at the lowest suitable exposure and monitor the Experts/Journal tabs after initialization.

Strategy Tester checklist

1. Select Duelist and your broker's **EURUSD** symbol. M15 is the standard reference period.
2. For detailed validation, use **Every tick based on real ticks** where quality data is available.
3. Make sure the history of each enabled symbol, including required conversion symbols, can be loaded.
4. Select the **Backtest Server-Time Convention** matching the historical broker data.
5. Use Visual mode only when you need the dashboard; non-visual tests and optimizations suppress the UI for efficiency.
6. Keep symbol, period, date range, deposit, leverage, tick model and inputs identical when comparing two builds or settings.

Backtest news behavior. News filtering is handled automatically during backtests. Product version 1.7 supports the historical period from 1 January 2020 through 20 August 2026 UTC. Outside that period the news filter is fail-open and may continue basket admission subject to the other checks; the runtime bypass may not add a Journal message. Results also depend on the selected tester-time convention.

Live fills can differ. Spread, slippage, commissions, swaps, symbol specifications, tick history, margin rules, FIFO restrictions and broker execution can all change the sequence and result of trades.

16 Troubleshooting, Risk and Support

Start with the exact dashboard status and the latest Experts/Journal message. The items below cover the most common operating questions.

“DUELIST CANNOT START” appears

Account mode

The account is Netting, Exchange or otherwise not reported as MT5 Retail Hedging. Move to a Hedging account or contact the broker. Duelist intentionally stops initialization.

The dashboard shows ALGO OFF

Permissions

Check the terminal Algo Trading button, the EA's Allow Algo Trading permission, account permissions and connection state.

AUDCAD is UNAVAILABLE

Symbol

Confirm the broker offers a tradable AUDCAD symbol and that its quote/history can be selected. Duelist supports normal broker prefixes and suffixes but cannot trade a disabled or missing instrument.

No new trades are opening

Admission

No trade can be normal for a selective strategy. Also check the module switch, direction, weekday, year-end filter, news pause, spread limit, recovery wait, margin, symbol session and Algo Trading status.

Other EURUSD trades are already open

Independent

Unrelated trades do not count as Duelist EURUSD basket positions when their Magic Number does not match. They may still reduce free margin or influence account-wide equity and drawdown values shown on the dashboard.

Tabs or trading controls are missing

Chart size

In MINI, click **OPEN DASHBOARD**, select the required tab and use **UP / DOWN** to reach its controls. Click **MINI** to return to the summary. If the chart is extremely narrow or short, enlarge it to leave room for readable tabs and buttons.

The EQUITY curve restarted

Expected

The equity curve is intentionally live-session only. Reinitializing Duelist, changing inputs, changing account or restarting the dashboard begins a new curve.

A close button reports FIFO BLOCKED or RETRY

Broker rule

The requested side could not be completed under the current account/symbol rules or market state. Read Last Action and the Journal, keep Algo Trading enabled and retry only after confirming the remaining positions.

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TROUBLESHOOTING

Final Safety and Support

Positions opened with an old Magic Number remain

Identity changed

The current instance will not automatically adopt positions created with a different Magic Number. Restore the correct configuration or manage those positions deliberately.

Risk notice

Trading leveraged Forex products can result in substantial losses. Duelist does not guarantee profit, prevent gaps or eliminate broker execution risk. Total-stop thresholds and dashboard controls depend on market execution. Test the product on demo, choose exposure appropriate to your circumstances and never trade funds you cannot afford to lose. This manual is product documentation, not financial advice.

Support

When requesting help, include the product version, broker, account mode, symbol names, relevant Inputs and the exact Experts/Journal message.

mql5.com/en/users/mauroaugello