

# User Guide

Options Rotation Momentum (V 1.0.2) — full explanations for dashboard, Flow, regime, and rotation.

## At a glance

This guide explains what each part of the indicator means and how to use it as a momentum + regime checklist.

The indicator does **not** place trades for you; it provides context so you can choose when to press (or when to pass).

## Heat scoring (LOC / BEN / VIX)

**Heat** is a normalized momentum score (~ -100 to +100). Positive values suggest upward pressure; negative values suggest downward pressure.

Outlook changes internal lookbacks and scaling:

- **Short-Term**: faster, more reactive (more noise).
- **Medium-Term**: balanced default for broad markets.
- **Long-Term**: slower, better for macro swings.

## Regime and Caution

When External Feeds are OFF, the script runs in **LOCAL** mode and Benchmark/VIX-based fields show NA.

When External Feeds are ON, a **CAUTION** regime can trigger from VIX conditions:

- **VIX Spike vs SMA**:  $VIX > SMA(VIX, len) \times multiplier$ .
- **VIX Heat > 0**: VIX momentum is positive.
- **Either**: triggers if either rule is true.

## REL and dREL (relative strength)

**REL** = LOC Heat – BEN Heat. Positive REL means the chart symbol is outperforming the benchmark.

**dREL** measures the change in REL over LB bars (Lookback).

- Use REL to identify leaders vs laggards.
- Use dREL to see if leadership is improving or fading.
- If  $REL > 0$  but  $dREL < 0$ , you may be late — leadership is weakening.

## Flow signals (F+ / F-)

Flow signals attempt to catch momentum moves supported by unusual volume.

A Flow signal requires a volume spike (volume vs its 20-bar average) plus price and momentum alignment, and it respects a cooldown (CD) between triggers.

- **F+** (Flow Buy): volume spike + bullish candle + LOC Heat > 0 + Higher-TF Heat > 0.
- **F-** (Flow Sell): volume spike + bearish candle + LOC Heat < 0 + Higher-TF Heat < 0.
- **Cooldown**: prevents repeated triggers in quick succession.

## Strictness setting

Strict mode tightens Flow confirmation and blocks Flow signals during CAUTION.

- Requires Heat slope alignment (buy slope > 0, sell slope < 0).
- In CAUTION, Strict mode suppresses Flow signals to reduce whipsaw.
- If you want more frequent signals, keep Strictness = Normal.

## Trailing Stop (SL) and SL Risk

The script computes a simple ATR trailing stop and shows the stop price plus the % distance from current price.

- Smaller distance-to-SL = tighter risk (less room).
- The table flags **WARN** when distance-to-SL is under ~1%.
- Tune with **ATR Period** and **ATR Mult**.

## Main table modes: Guided vs Standard

**Guided** mode turns the table into a Step 1 → Step 5 checklist:

- 1) REG/CAU (risk backdrop)
- 2) HEAT vs BEN (trend tailwind)
- 3) REL / dREL (relative strength + change)
- 4) FLOW (volume-based triggers)
- 5) RISK (SL distance)

## Rotation Panel (6 symbols)

The Rotation Panel ranks 6 symbols by your chosen metric:

- **Heat:** raw momentum score for each symbol.
- **Rel vs Bench:** symbol Heat minus benchmark Heat (requires External Feeds ON).
- Optional: compute rotation on the Higher TF to reduce noise.

## Rotation sets

- **Majors:** SPY, QQQ, IWM, XLF, XLK, XLE
- **Growth:** QQQ, XLK, ARKK, SMH, NVDA, AAPL
- **Defensive:** XLU, XLP, XLV, XLRE, XLV, XLU (duplicates are intentional in this version)
- **Custom:** choose any 6 symbols you want to rank

## Practical workflows

A few ways to use the dashboard without overthinking it:

- **Trend ride:** REG = CONSTRUCTIVE, LOC > 0, LOC > BEN, REL > 0, dREL > 0.
- **Rotation hunting:** use Rotation Panel to find top 1–2 symbols, then confirm on the chart with Guided steps.
- **Risk-off filter:** when CAUTION triggers, favor fewer trades, smaller size, or Strict Flow only.

## Troubleshooting

- Seeing NA everywhere? Turn **Enable External Feeds** ON.
- No Flow signals? Lower **Vol Spike Sens**, reduce cooldown, or switch Strictness to Normal.
- Too many Flow signals? Increase Vol Spike Sens, increase cooldown, or enable Strictness.
- Rotation panel blank? Ensure **Show Rotation Panel** is ON and at least one of (rotation panel / tags / lines) is enabled.

## Alert setup tips

- Create one alert per condition you care about (FLOW BUY, FLOW SELL, CAUTION, SL RISK).
- Pair FLOW alerts with a confirmation rule (e.g.,  $REL > 0$ ) if you want fewer pings.