



# **EDO TRIX CORE CROSS**

## **Official Manual**

Version 1.0

April 2026

English



# Table of Contents

---

**Section 1** — Introduction

---

**Section 2** — What Edo TRIX Core Cross Is and Is Not

---

**Section 3** — Indicator Philosophy

---

**Section 4** — The TRIX Indicator: Technical Foundation

---

**Section 5** — Structure: Fast TRIX and Slow TRIX

---

**Section 6** — The Histogram: Four Momentum States

---

**Section 7** — Visual Representation of the Indicator

---

**Section 8** — The Information Panel

---

**Section 9** — Crosses and Markers

---

**Section 10** — Configuration and Customization

---

**Section 11** — Alerts

---

**Section 12** — Risk Warning

---

**Section 13** — Conclusion

---

# Section 1 — Introduction

---

Edo TRIX Core Cross is a momentum indicator designed to measure price acceleration through the crossover of two TRIX oscillators: one fast and one slow.

Unlike indicators that operate directly on price, TRIX acts on a triple exponential smoothing, which gives it greater resistance to market noise and makes it possible to isolate only the significant momentum movement.

It is part of the Edolab ecosystem and is conceived as a support tool for reading the state of momentum and its changes in direction, without requiring direct interpretation of price signals.

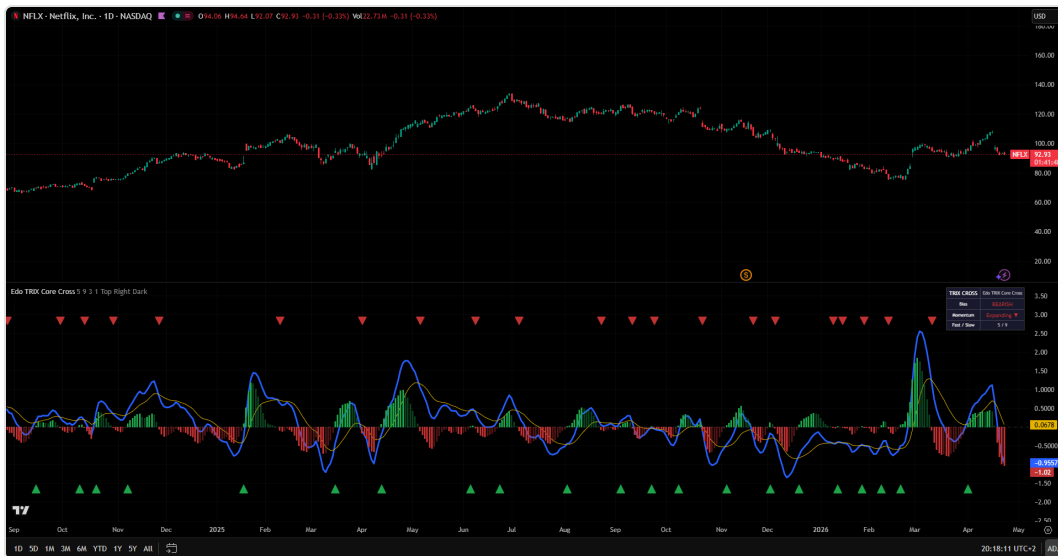


Chart with Edo TRIX Core Cross active.

## Section 2 — What Edo TRIX Core Cross Is and Is Not

---

### What Edo TRIX Core Cross Is

- A momentum indicator based on the crossover of two TRIX oscillators.
- A tool to identify acceleration and deceleration of momentum.
- A support tool for contextualizing the direction and strength of market movement.

### What Edo TRIX Core Cross Is Not

- It is not a trading system.
- It does not generate entry or exit signals.
- It does not predict highs or lows.
- It does not replace risk management or the trader's judgment.

## Section 3 — Indicator Philosophy

---

The market does not only move in a direction: it moves with greater or lesser strength at every moment. Reading that strength, and particularly its changes, is what makes it possible to anticipate reversals and continuations with more context.

TRIX is an oscillator that measures the percentage rate of change of a triple exponential moving average. By comparing two versions of this oscillator with different periods, the indicator makes it possible to see more clearly whether momentum is gaining or losing strength, and at what moment one crosses over the other.

Edo TRIX Core Cross does not aim to eliminate subjectivity or automate decisions, but to offer a clean and structured reading of the state of momentum to complement price and structure analysis.

## Section 4 — The TRIX Indicator: Technical Foundation

---

TRIX (Triple Exponential Moving Average oscillator) is built by applying three successive exponential smoothings to the closing price, and then calculating the percentage rate of change of the result.

The process is as follows:

1. A first EMA is calculated on the closing price (EMA1).
2. A second EMA is calculated on EMA1 (EMA2).
3. A third EMA is calculated on EMA2 (EMA3).
4. The TRIX value is the percentage rate of change of EMA3 relative to its previous value:

$$\text{TRIX} = (\text{EMA3} - \text{EMA3}[1]) / \text{EMA3}[1] \times 100$$

This triple smoothing filters out short-term cycles and eliminates much of the market noise, leaving only the significant momentum movement visible. The result is a smoother oscillator, less prone to false signals than those based on one or two smoothings.

**Note:** TRIX operates in a separate panel from the price chart. Its values revolve around the zero line: above it indicates positive momentum (bullish), below it indicates negative momentum (bearish).

## Section 5 — Structure: Fast TRIX and Slow TRIX

The indicator uses two versions of the TRIX oscillator calculated with different periods:

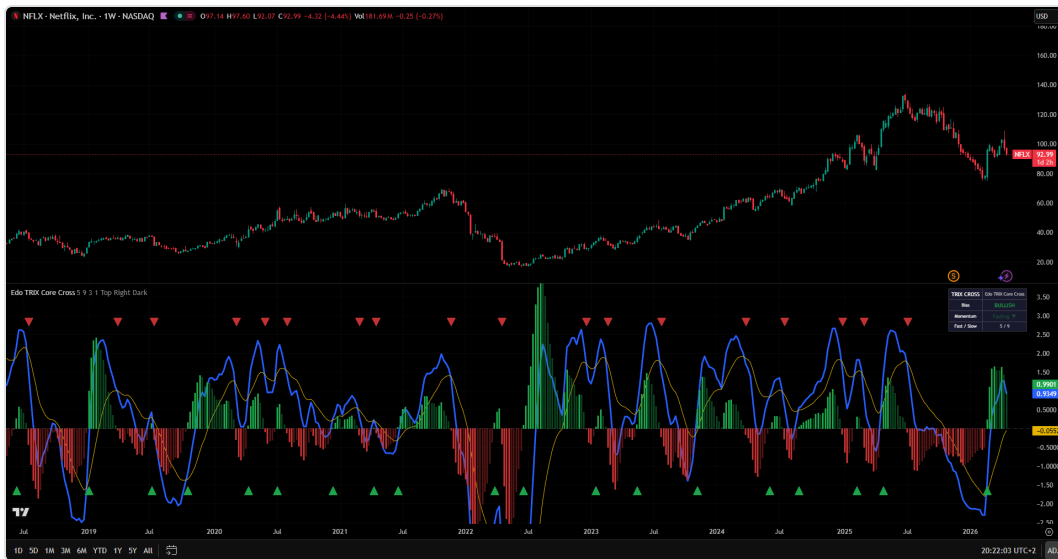
### Fast TRIX (Fast Length)

Calculated with a default length of 5 periods. It is more sensitive to recent changes in momentum and reacts earlier to price turns. It acts as the dynamic signal line of the indicator.

### Slow TRIX (Slow Length)

Calculated with a default length of 9 periods. It is more stable and acts as a momentum trend reference. Its movements are more gradual and less reactive to noise.

The interaction between the two lines is the central element of the indicator: when the Fast TRIX rises above the Slow TRIX, short-term momentum is gaining strength; when it loses it, momentum is deteriorating.



*Fast TRIX (blue) and Slow TRIX (yellow) lines in the indicator panel.*

## Section 6 — The Histogram: Four Momentum States

---

The histogram represents the difference between the Fast TRIX and the Slow TRIX:

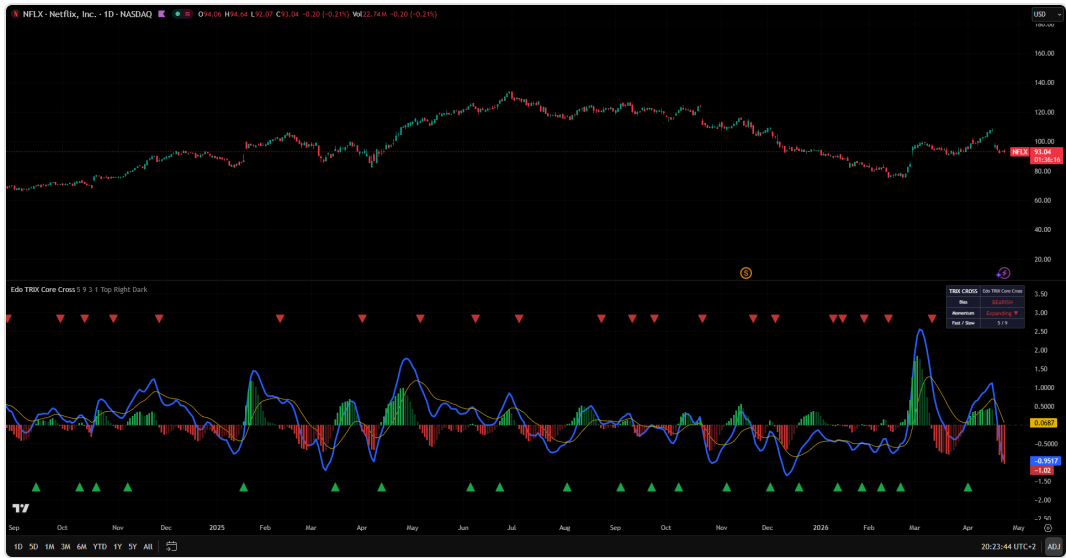
$$\text{Histogram} = \text{Fast TRIX} - \text{Slow TRIX}$$

When the histogram is positive, the Fast TRIX is above the Slow TRIX (bullish momentum). When it is negative, the Fast TRIX is below (bearish momentum).

The indicator uses four color tones to express with precision not only the direction of momentum, but also whether it is gaining or losing strength at each moment:

State	Condition	Color
Bullish expansion	Histogram $\geq 0$ and greater than the previous bar	Solid green
Bullish deceleration	Histogram $\geq 0$ and less than or equal to the previous bar	Faded green
Bearish expansion	Histogram $< 0$ and less than the previous bar	Solid red
Bearish deceleration	Histogram $< 0$ and greater than or equal to the previous bar	Faded red

This distinction makes it possible to know not only which side momentum is on, but also whether it is accelerating or slowing down, which adds an extra layer of information over the simple binary color reading.



*Histogram showing the four momentum states: bullish and bearish expansion and deceleration.*

## Section 7 — Visual Representation of the Indicator

---

The indicator occupies a separate panel from the price chart and displays the following visual elements:

- **Fast TRIX line:** Represented in blue (by default) with greater thickness. It is the most dynamic line of the indicator.
- **Slow TRIX line:** Represented in yellow/gold (by default) with thinner stroke. It acts as a momentum trend reference.
- **Histogram:** Vertical bars representing the difference between the two lines, colored in four tones according to the state of momentum.
- **Zero line:** Gray dotted horizontal line that serves as a central reference. It separates positive momentum territory (above) from negative momentum territory (below).
- **Cross markers:** Green triangle pointing upward at the bottom of the panel (bullish cross) and red triangle pointing downward at the top (bearish cross).

Each of these elements can be enabled or disabled independently from the indicator settings.

## Section 8 — The Information Panel

---

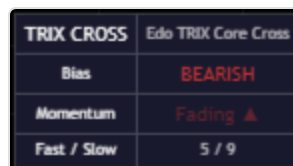
The indicator includes an information panel that displays the current state of momentum in real time. The panel appears overlaid on the indicator panel and updates its content on every bar.

The panel displays four rows of information:

Field	Description	Possible values
TRIX CROSS	Indicator identifier header	Edo TRIX Core Cross
Bias	Current bias based on the relative position of the lines	BULLISH / BEARISH
Momentum	Acceleration state of the histogram	Expanding ▲ / Fading ▼ / Expanding ▼ / Fading ▲
Fast / Slow	Configured lengths for both lines	Current numerical values

The **Bias** is BULLISH when the Fast TRIX is above the Slow TRIX, and BEARISH when it is below. The text color reflects the state: green for BULLISH, red for BEARISH.

The **Momentum** field combines the direction of the histogram with its acceleration state, offering four possible readings that correspond directly to the four color tones of the histogram.



TRIX CROSS	Edo TRIX Core Cross
Bias	BEARISH
Momentum	Fading ▲
Fast / Slow	5 / 9

*Information panel showing Bias, Momentum and configured lengths.*

### Panel position and theme

The user can configure the panel position in four zones of the indicator panel:

- Top Right — default
- Top Left
- Bottom Right

- Bottom Left

The visual theme can also be selected between **Dark** (dark background, light text) and **Light** (white background, dark text).

## Section 9 — Crosses and Markers

The indicator detects and visually marks the crosses between the Fast TRIX and the Slow TRIX.

### Bull Cross

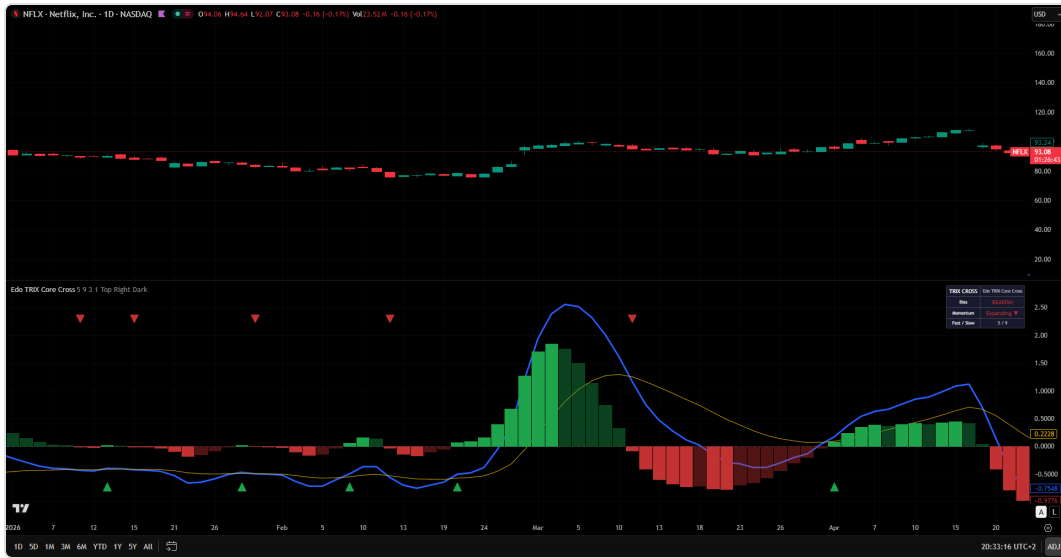
Occurs when the Fast TRIX crosses above the Slow TRIX. It indicates that short-term momentum is beginning to surpass the reference momentum. It is marked with a green triangle pointing upward at the bottom of the panel.



*Bull cross: the Fast TRIX crosses above the Slow TRIX.*

### Bear Cross

Occurs when the Fast TRIX crosses below the Slow TRIX. It indicates that short-term momentum is giving way to the reference momentum. It is marked with a red triangle pointing downward at the top of the panel.



*Bear cross: the Fast TRIX crosses below the Slow TRIX.*

**Note:** A cross should always be read in context. Its relevance varies depending on the position of the lines relative to the zero line, the state of the histogram at the moment of the cross, and the price structure on the main chart.

## Section 10 — Configuration and Customization

---

The indicator offers configuration options organized in three groups of settings:

### TRIX Settings

Parameter	Default value	Description
Fast Length	5	Length of the Fast TRIX. Lower values increase sensitivity.
Slow Length	9	Length of the Slow TRIX. Acts as a momentum trend reference.

### Display

Parameter	Default value	Description
Show Histogram	Enabled	Shows or hides the difference histogram.
Show TRIX Lines	Enabled	Shows or hides the Fast and Slow TRIX lines.
Show Cross Markers	Enabled	Shows or hides the cross markers.
Fast Line Color	Blue (#2962FF)	Color of the Fast TRIX line.
Slow Line Color	Yellow (#E6B800)	Color of the Slow TRIX line.
Fast Line Width	3	Thickness of the Fast TRIX line (1–5).
Slow Line Width	1	Thickness of the Slow TRIX line (1–5).
Bull Cross Color	Green (#1FA64B)	Color of the bullish cross marker.
Bear Cross Color	Red (#C73535)	Color of the bearish cross marker.

### Panel

Parameter	Default value	Options
Panel Position	Top Right	Top Right, Top Left, Bottom Right, Bottom Left

Parameter	Default value	Options
Panel Theme	Dark	Dark, Light

## Section 11 — Alerts

---

The indicator includes four alert conditions configurable from TradingView. They make it possible to receive automatic notifications when the most relevant events of the indicator occur.

Alert	Condition	Message
TRIX Bull Cross	The Fast TRIX crosses above the Slow TRIX	Fast crossed above Slow. Bullish momentum.
TRIX Bear Cross	The Fast TRIX crosses below the Slow TRIX	Fast crossed below Slow. Bearish momentum.
Histogram Crossed Zero Up	The histogram rises above the zero line	Histogram crossed above zero. Bullish pressure.
Histogram Crossed Zero Down	The histogram falls below the zero line	Histogram crossed below zero. Bearish pressure.

The zero-line cross alerts are independent from the line-cross alerts. The histogram can cross zero without the lines crossing each other, which makes it possible to capture momentum changes that have not yet produced a formal cross.

## Section 12 — Risk Warning

---

Trading involves risk. Edo TRIX Core Cross is a momentum analysis tool, not a guarantee of results.

The user is solely responsible for their trading decisions. No indicator by itself constitutes a complete trading system.

## Section 13 — Conclusion

---

Edo TRIX Core Cross is a clean and configurable momentum tool, designed for traders who want to read market acceleration through the interaction of two TRIX oscillators.

Its four-tone histogram, its real-time information panel, and its cross markers offer a structured reading of momentum that goes beyond simple direction: it makes it possible to identify when that momentum is gaining strength and when it is beginning to deteriorate.

It is part of the Edolab ecosystem as a foundational, open and transparent tool, on which the trader can build their own analytical approach.



© 2026 Edolab Markets — All rights reserved.