



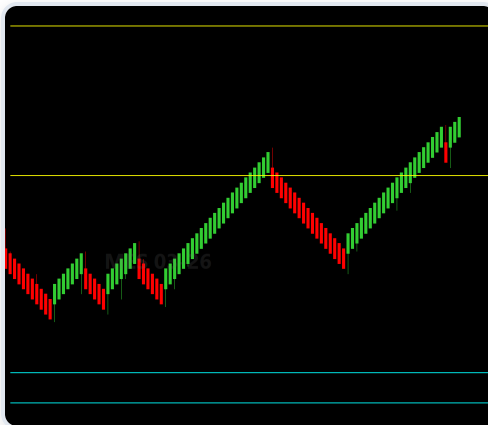
Support & Resistance — Secondary Timeframe

Higher-Timeframe Swing Support & Resistance for NinjaTrader 8*

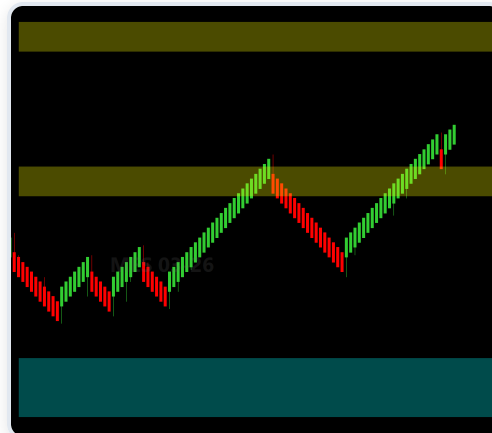
Version 1.0.0.0 | Tradebrary

Overview

This indicator finds significant price swings on a **higher (secondary) timeframe that you choose**, then draws those support and resistance levels right on your current chart. Trade a fast chart while seeing the levels that matter on, say, the 15- or 30-minute — without opening a second chart. Swing lows become ■ **support** and swing highs become ■ **resistance**, drawn as clean **lines** or shaded **zones**.



Lines mode



Zones mode

Chart-timeframe version: the companion **TbSupportResistance** works exactly the same way but calculates from your chart's own timeframe. Run both together to see local and higher-timeframe levels at once.

Installation

1. Open NinjaTrader 8
2. Go to **Tools** → **Import** → **NinjaScript Add-On...**
3. Browse to and select the `TbSupportResistanceSecTF.zip` file
4. Click **OK** to import — the indicator compiles automatically
5. Add to a chart: right-click chart → **Indicators...** → **TbSupportResistanceSecTF**

How It Works

Instead of reading your chart's bars, this indicator loads a second, higher-timeframe data series in the background and scans *those* bars for **swing pivots**:

- **Support** — a *swing low* on the secondary timeframe (a bar whose low is lower than the bars on either side).
- **Resistance** — a *swing high* on the secondary timeframe (a bar whose high is higher than the bars on either side).

The resulting levels are drawn on your current chart and extended to the right edge, so a 30-minute level appears as a single horizontal line/zone even on a 1-minute or Renko chart. Because the levels come from the higher timeframe, they update only as each higher-timeframe bar completes.

Swing Strength

Swing Strength sets how many bars must be higher/lower on *each side* of the pivot (counted in secondary-timeframe bars). Larger = fewer, more significant levels.

How Many Levels

Max Levels caps how many support and how many resistance levels are shown, keeping the chart focused on the nearest/most recent ones.

Choosing the Secondary Timeframe

Two settings in the **Data Series** group control which timeframe the levels come from:

- **Secondary Timeframe Type** — the kind of bars to build (Minute, Tick, Range, Volume, Day, etc.).
- **Secondary Timeframe Value** — the size, paired with the type. For example `Minute + 15` = 15-minute levels; `Tick + 1000` = 1000-tick levels; `Range + 10` = 10-tick range levels.

Pick a higher timeframe than your chart. The whole point is to bring bigger-picture levels down onto a faster chart, so choose a Secondary Timeframe larger than the chart you're viewing (e.g. 15-minute levels on a 1- or 3-minute chart). Make sure enough history is loaded for the higher timeframe to form swings.

Display Modes

Switch between the two looks with the **Display Mode** setting:

Lines

A single horizontal line at each level — precise and uncluttered. Control its **Line Thickness** and **Line Style** (solid, dashed, etc.).

Zones

A shaded band centered on each level, extending a set number of ticks above and below it. Zones make higher-timeframe areas of interest easy to see at a glance. Control thickness with **Zone Height (Ticks)** and transparency with **Zone Opacity %**.

Settings & Parameters

▼ Display

Support Color

Resistance Color

Line Thickness

Line Style

Display Mode

Zone Opacity %

Zone Height (Ticks)

▼ Parameters

Swing Strength

Max Levels

ATR Period

▼ Data Series

Input series

Secondary Timeframe Type

Secondary Timeframe Value

#FF00FFFF

▼

#FFFFFF00

▼

2

Solid

▼

Zones

▼

25

8

7

4

7

MES 03-26 (ninZaRenko 8/2)

Minute

▼

15

The indicator settings, including the Data Series group (shown with example custom values)

Data Series

Parameter	Default	Description
Secondary Timeframe Type	Minute	The bar type used to calculate the levels (Minute, Tick, Range, Volume, Day, etc.).
Secondary Timeframe Value	5	The size for that type (e.g. 5 for 5-minute, 100 for 100-tick). Choose a higher timeframe than your chart.

Parameters

Parameter	Default	Description
Swing Strength	5	Bars required on each side of a pivot to confirm a swing (1–20), counted on the secondary timeframe. Higher = fewer, stronger levels.
Max Levels	3	Maximum number of support and of resistance levels to display (1–10).
ATR Period	14	ATR period used by the built-in proximity signal (see Advanced).

Display

Parameter	Default	Description
Support Color	Green	Color of support lines/zones.
Resistance Color	Red	Color of resistance lines/zones.
Line Thickness	2	Line width in Lines mode (1–5).
Line Style	Solid	Line pattern in Lines mode (solid, dash, dot, etc.).
Display Mode	Lines	Draw levels as Lines or shaded Zones .
Zone Opacity %	20	Transparency of zones in Zones mode (1–100).
Zone Height (Ticks)	4	How many ticks each zone extends above and below the level (1–50).

Advanced (for strategy developers): the indicator exposes a `Condition` series that flags when price comes within about half an ATR of the nearest level — `1` near support (bullish), `-1` near resistance (bearish), `0` otherwise. You can reference it from your own NinjaScript strategies.

Tips

Tip 1: Stack two timeframes. Add a higher one here (e.g. 30-minute) and the chart-timeframe **TbSupportResistance** on the same chart, with different colors, to see major and local levels together.

Tip 2: Use Zones for higher-timeframe areas. Higher-timeframe levels are best treated as reaction *areas* rather than exact prices — Zones mode (with a few ticks of height) reflects that nicely.

Tip 3: Load enough history. A 30-minute secondary timeframe needs many days of data to form swings. If levels are missing, increase the chart's "Days to load" / bars-to-load.

Troubleshooting

Issue	Solution
No levels appear	Confirm Secondary Timeframe Type/Value is set, and load more history so the higher timeframe has enough bars (at least a couple of times the Swing Strength).
Levels update slowly / in steps	This is expected — they come from the higher timeframe and only change when a secondary-timeframe bar completes.
Too many / too few levels	Adjust Max Levels , and raise/lower Swing Strength to change how selective the detection is.
Zones look too faint or too solid	Adjust Zone Opacity % ; raise Zone Height (Ticks) to make the bands taller.
Nothing draws at all	Confirm the indicator is on a price chart and that your license key is valid (see below).

License Activation

This indicator requires a valid license key to operate. Each license is tied to your computer's unique Machine ID. Activation takes just a few minutes:

How to Activate

Your purchase unlocks the Tradebrary indicators included in your order. To activate:

1. In the NinjaTrader **Control Center**, go to **Help** → **About** and copy your **Machine ID**.
2. Go to <https://tradebrary.com/activate>.
3. Paste in your **Whop license key** and your **Machine ID**, then click **Get My License Keys**.
4. The page returns **one key per indicator**. Copy the key for this indicator.
5. In the indicator settings, paste it into the **LicenseKey** field and click **OK**. The indicator now functions normally.

*(Your Machine ID is also shown in the indicator's own **2. License** section — it's the same value as Help → About.)*

Important: Each license key is tied to your computer's Machine ID, and your purchase covers up to 2 computers. If you reinstall NinjaTrader or switch computers, simply re-activate at <https://tradebrary.com/activate>. If you have reached your 2-device limit, contact support@tradebrary.com to free up a slot.

Support

For questions, issues, or feature requests:

- Email: support@tradebrary.com
- Website: tradebrary.com

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