



Tb3TFRSI

Multi-Timeframe RSI Indicator for NinjaTrader 8*

Version 1.0.0.0



Overview

The **Tb3TFRSI** indicator displays RSI (Relative Strength Index) from three different timeframes simultaneously on a single chart panel. This powerful tool helps traders identify overbought and oversold conditions across multiple timeframes, providing a comprehensive view of market momentum.

Multi-Timeframe Analysis

View RSI from your current chart timeframe plus two additional higher timeframes simultaneously.

Colored Regions

Colored regions appear between RSI lines and OB/OS levels when in extreme zones, with separate colors for each timeframe.

Crossover Markers

Visual text markers appear when RSI crosses overbought or oversold levels on any timeframe.

Fully Customizable

Configure RSI periods, smoothing, colors, and threshold levels for each timeframe independently.

Installation

1. Open NinjaTrader 8
2. Go to **Tools** → **Import** → **NinjaScript Add-On...**
3. Browse to and select the `Tb3TFRSI.zip` file
4. Click **OK** to import
5. The indicator will compile automatically
6. Add to chart: Right-click chart → Indicators → Tradebrary → Tb3TFRSI

Visual Display - Colored Regions

When any RSI line enters the overbought or oversold zone, a colored region is drawn between the indicator line and the OB/OS level. This creates a visual highlight showing which timeframes are at extremes.

Overbought Zone Colors (above OB level)

Timeframe	Default Color	Description
<div>TF1</div> Overbought	<div></div> Yellow	Chart timeframe RSI in overbought zone
<div>TF2</div> Overbought	<div></div> Orange	TF2 RSI in overbought zone
<div>TF3</div> Overbought	<div></div> Red	TF3 RSI in overbought zone

Oversold Zone Colors (below OS level)

Timeframe	Default Color	Description
<div>TF1</div> Oversold	<div></div> Cyan	Chart timeframe RSI in oversold zone
<div>TF2</div> Oversold	<div></div> DarkGreen	TF2 RSI in oversold zone
<div>TF3</div> Oversold	<div></div> Lime	TF3 RSI in oversold zone

Trading Insight: When multiple timeframes show overlapping colored regions at the same extreme, it indicates strong confluence. This often precedes reversals, especially when combined with price action confirmation.

Crossover Text Markers

When RSI crosses the overbought or oversold levels on any timeframe, a number is displayed on the chart indicating which timeframe triggered the crossing:

- **1** - Current chart timeframe (TF1)
- **2** - Secondary timeframe (TF2)
- **3** - Tertiary timeframe (TF3)

Markers appear at the overbought level (above) when crossing that level, and at the oversold level (below) when crossing that level. The number color matches the timeframe's plot color.

Parameters

RSI TF1 (Chart) Settings

Parameter	Default	Description
Period	14	RSI calculation period for current chart timeframe
Smooth	3	Smoothing period for RSI on current chart timeframe

Timeframe 2 Settings

Parameter	Default	Description
TF2 Type	Minute	Bar period type (Minute, Day, Week, etc.)
TF2 Value	5	Bar period value (e.g., 5 for 5-minute bars)
Period	14	RSI calculation period
Smooth	3	Smoothing period







Timeframe 3 Settings

Parameter	Default	Description
TF3 Type	Minute	Bar period type (Minute, Day, Week, etc.)
TF3 Value	15	Bar period value (e.g., 15 for 15-minute bars)
Period	14	RSI calculation period
Smooth	3	Smoothing period

Levels

Parameter	Default	Description
Overbought Level	70	RSI level considered overbought (50-100)
Oversold Level	30	RSI level considered oversold (0-50)

Colors

Parameter	Default	Description
OB1 Color	 Yellow	TF1 overbought region color
OB2 Color	 Orange	TF2 overbought region color
OB3 Color	 Red	TF3 overbought region color
OS1 Color	 Cyan	TF1 oversold region color
OS2 Color	 DarkGreen	TF2 oversold region color
OS3 Color	 Lime	TF3 oversold region color

License Activation

This indicator requires a valid license key to operate. Follow these steps 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 this indicator's key.
5. Enter it in the **LicenseKey** field and click **OK** — the indicator now functions normally.

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.

Troubleshooting

Issue	Solution
No lines appearing	Ensure you have enough historical data loaded for all timeframes. The indicator needs at least Period + Smooth bars on each timeframe.
TF2 or TF3 not updating	Check that the timeframe values are valid. The secondary timeframes should typically be higher than your chart timeframe.

Regions too transparent

Increase the Background Opacity setting (0-100%). Higher values make regions more visible.

Lines appear jumpy or erratic

This can happen with very low Period values. Try increasing the Period or Smooth values.

Usage Tips

Best Practices:

- Use higher timeframes (TF2, TF3) that are multiples of your chart timeframe for cleaner signals
- Watch for multiple timeframes showing overlapping colored regions for stronger confluence
- Use the crossover markers to identify when momentum is shifting on specific timeframes
- Combine with price action analysis for better entry/exit timing
- Consider the overall trend direction when interpreting overbought/oversold signals

Suggested Timeframe Combinations:

- **Scalpers:** Chart=1m, TF2=3m, TF3=5m
- **Day Traders:** Chart=5m, TF2=15m, TF3=60m
- **Swing Traders:** Chart=60m, TF2=4H, TF3=Daily

Support

For technical support, license inquiries, or feature requests:

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