



NINJATRADER 8 INDICATOR · NINJAScript, C#

Installation and Quick Start

How to import the Add-On into NinjaTrader 8, add the indicator to a chart, and read what it draws.

PRODUCT	Hyper Trend PRO for NinjaTrader 8
VERSION	1.0.0
DATE	September 2026
NINJATRADER	8.1.x Desktop, tested on 8.1.8.2
PACKAGE	HyperTrendPro.zip , compiled NinjaScript Add-On
SHA - 256	0923d2e09e0b3391ed26a68a14df289d4fb38d1ae416925463e2d6d26607d651
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PRODUCT PAGE	https://kestutisbalciunas.com/ninjatrade/hyper-trend-pro/

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Installation

Requirements

- NinjaTrader 8.1.x Desktop for Windows (tested on 8.1.8.2). Not for NinjaTrader 8.0 or NinjaTrader Web.
- Any data connection that delivers bars for the chart (the indicator needs no Order Flow+ features, no depth, no tick history). Volume is used when the feed supplies it.
- The dashboard's multi-timeframe row loads five minute-based series of the same instrument (5, 15, 30, 60 and 240 minutes) next to the chart's own bars. They load with the chart and need no setup.

Import the Add-On package

1. Control Center > Tools > Import > NinjaScript Add-On.
2. Select `HyperTrendPro.zip` and confirm. NinjaTrader compiles the assembly and reports "Import complete".
3. No restart is needed. If a chart already had an older version, remove and re-add the indicator (a compile does not reload running instances).

Verify installation

1. Open a chart (any instrument, a 1 to 60 minute interval is a good first look), press Ctrl+I.
2. In the Available list find **Hyper Trend PRO**, click add, click OK.
3. The chart shows the SuperTrend line (green under price while bullish, red over it while bearish), candles coloured by momentum, the EMA cloud with its fill, the trend tracer, a BUY or SELL plate on every confirmed flip that passes the filters, the entry, stop and three target lines of the last signal with the risk and reward boxes, the dashboard in the top-right corner and the watermark at the bottom. The longest average is 250 bars, so load at least a day of 1-minute bars before judging the first signals.

Uninstall / update

- Remove: Control Center > Tools > Remove NinjaScript Assembly > Hyper Trend PRO.
- Update: import the new zip over the installed version (NinjaTrader replaces the assembly), then remove and re-add the indicator on every chart that uses it, or reload the workspace.

Quick start

First chart

1. Add **Hyper Trend PRO** to a chart (Ctrl+I). Leave every setting at its default.
2. Load enough history: the longest average is the 250-bar trend tracer, so a day of 1-minute bars or a week of 5-minute bars is plenty. The multi-timeframe row of the dashboard needs more, see below.
3. Signals print on closed bars only. Wait for a close that flips the SuperTrend line.

Reading the chart

- **SuperTrend line:** the trend engine. Green under price while the trend is up, red over price while it is down. It is built on the average true range: bands sit **Sensitivity** multiples of a **Tuner**-bar ATR from the mid price and ratchet, and the trend flips when price closes through the far band. Every signal starts as a flip of this line.
- **Candle colours:** by default a momentum gradient from the MACD against the ATR, green for strong upward momentum through yellow, grey and violet to red for strong downward momentum. **13 NinjaTrader > Candle Coloring** switches it to the SuperTrend side, to the confluence score, or off.
- **EMA cloud:** the band between two moving averages, filled green while bullish and red while bearish. **Cloud Style** picks the pair (Smooth, Scalping, Scalping+, Swing).
- **Trend tracer:** a 250-bar EMA, green while the close is above it, red while below.
- **BUY and SELL plates:** a flip that passes the score and the filters gets a three-line plate under the bar for a BUY and above it for a SELL: the banner, the close, and the star rating with the score, for example ★★ (3/5) . Signals never repaint. **Signal Marker Style** can replace the plate with a triangle, an arrow or a dot.
- **Entry, SL, TP1, TP2, TP3:** fixed at the signal bar while **Show TP/SL Area** is on, with a red risk box and a green reward box. The lines and their price tags extend to the right as the chart advances; the levels never move. A target that price has reached gets a tick on its tag. The previous trade's levels stay on the chart until the next signal but one, exactly as in the original.
- **Pullback plates** (▲ PB , ▼ PB , off by default) mark a pullback inside an established trend.
- **Market structure** (off by default) labels confirmed swings HH, HL, LH and LL.

Signal rules in one paragraph

On every bar the indicator scores the bullish and the bearish case out of five: MACD histogram rising or falling, EMA 150 against EMA 250, ADX above 20, volume above its 20-bar average, and the slope of a 55-bar Hull average (the ADX and volume tests count for both sides). A SuperTrend flip on a closed bar becomes a signal when its score reaches the minimum, which is the higher of the **Preset** (All Signals 0, Trend Scalper 2, Quality+ 3, Strong+ 4) and **Min Strength**, and when it passes every optional filter that is switched on: Trending Only, Strong Only, High Vol Only, Cloud-Aligned Only, Contrarian Only. The stop is $ATR(Tuner) \times Sensitivity$ from the entry (or a percentage with **Use % SL**), and the three targets are **TP1/TP2/TP3 (RR)** multiples of that same risk.

The dashboard

Fourteen rows in the corner chosen by **10 Dashboard > Dash Position**. It summarises the current bar plus the last signal; the trade rows freeze at the last signal until the next one.

ROW	LEFT	RIGHT
1	the product name	the product name and version
2	MTF TREND	section header
3	Timeframes	an arrow per timeframe: M5, M15, M30, H1, H4
4	ANALYSIS	section header
5	Market State	Strong Trend above ADX 40, Trending above 20, otherwise Ranging, with the ADX value
6	Volatility	High above 1.5 percent of price, Normal above 0.5, otherwise Low, with the figure
7	Volume	Spike above twice the 20-bar average, Above Avg over it, otherwise Below Avg, with the ratio
8	Session	Tokyo, London, New York or Sydney, by UTC hour
9	Sentiment	a second score out of five: trend direction, the EMA pair, the Hull slope, the MACD histogram and the multi-timeframe majority
10	SIGNAL	section header
11	Direction	LONG, SHORT or WAITING
12	Entry / SL	the two prices of the tracked trade
13	TP1/TP2/TP3	the three targets, each with a tick once price has reached it
14	the product name	the product name and version

The multi-timeframe row. Each arrow answers one question for its timeframe: is the close above its 200-bar EMA? It is read from the last CLOSED bar of that timeframe, so it does not flicker within a candle. A timeframe with fewer than 201 closed bars loaded reads down: on a chart with a few days of data the H4 arrow, and sometimes H1, stays down until more history is loaded (Data Series > Days to load; about 40 days cover H4). The row is green when four or five agree upward, red when four or five agree downward, and grey in between. It feeds the Sentiment score and nothing else: no signal, level or plot depends on it.

A tick beside a target records that price traded through that level on the loaded history. There is no spread, commission or slippage in it, and it is not a filled order.

Alerts

Nine events, each behind its own toggle in **12 Alerts**, evaluated for bars that close after the indicator went live (never during the history pass, and never for a bar that closed more than two bar periods ago). They land in the Alerts Log with an optional sound (Sound File inside NinjaTrader's sounds folder) and an optional email through NinjaTrader's Mail share service.

TOGGLE	FIRES WHEN
Alert: Buy Signal	a confirmed BUY signal
Alert: Sell Signal	a confirmed SELL signal

TOGGLE	FIRES WHEN
Alert: Any Signal	either of the two above
Alert: Strong Signal	a signal whose score is 4 or 5
Alert: SL Hit	price reaches the stop of the tracked trade
Alert: TP1 Hit	price reaches the first target for the first time
Alert: TP2 Hit	the second target
Alert: TP3 Hit	the third target, which also closes the tracked trade
Alert: Trend Change	the SuperTrend flips, whether or not the flip passed the filters

All nine are on by default, so one strong BUY raises three lines (Buy, Any, Strong); switch off the ones you do not want. The buy and sell bodies are the original's text with the entry, stop and targets, or the same values as JSON with **Webhook JSON Format** on. Nothing is sent anywhere by the indicator itself.

Using the values in a strategy or the Market Analyzer

Eight series are exposed: `CloudUpper`, `CloudLower`, `SuperTrend`, `TrendTracer`, `TrailingSL`, and the hidden `Signal` (+1 on a BUY bar, -1 on a SELL bar, 0 otherwise), `TradeDirection` (+1 while a long trade is tracked, -1 for a short, 0 when flat) and `SignalScore` (the 0 to 5 score on a signal bar). Example: `if (HyperTrendPro(...).Signal[0] > 0)`. A strategy that hosts the indicator loads the same five minute series.

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Risk disclosure

Trading involves substantial risk. Past, simulated, and backtested performance is not necessarily indicative of future results.

Futures, foreign currency and options trading contains substantial risk and is not for every investor. An investor could potentially lose all or more than the initial investment. Risk capital is money that can be lost without jeopardizing one's financial security or lifestyle. Only risk capital should be used for trading and only those with sufficient risk capital should consider trading.

Hyper Trend PRO is a technical analysis tool. It draws trend lines, levels and signals computed from historical bars; it does not place, modify or close orders and it gives no trade advice. The star rating describes how many of the enabled filters agreed on the breakout bar; it is a description of agreement, not a probability, and not a forecast. Nothing in the software or its documentation is a promise of returns, win rates or funded-account success.

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