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NINJATRADER 8 INDICATOR · NINJASCRIPT, C#

User Guide

Buy and Sell signals from two moving averages on an alternate timeframe, an entry, a stop and three targets, supply and demand zones with break of structure, optional support and resistance levels, a dashboard and alerts.

PRODUCT	Flintridge Trader Pro for NinjaTrader 8
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NINJATRADER	8.1.x Desktop, tested on 8.1.9.0
PACKAGE	`FlintridgeTraderPro.zip`, compiled NinjaScript Add-On
SHA-256	`cdd3cb744fa38658fd9e42ee59750953a147696c0a6d2803ae4e08c7b3834a40`
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01

What it is

Chart indicator for NinjaTrader 8 Desktop (NinjaScript, C#). It builds an alternate timeframe, the chart's interval times a multiplier, and runs one moving average over the alternate bars' closes and one over their opens. When the close average crosses the open average, the indicator prints Buy or Sell and opens a tracked trade with an entry, a stop and three targets, each a percentage of the entry price. It marks the targets and the stop as they are reached, shades the reward and the risk, and projects the newest signal's five levels to the right.

Separately it draws supply and demand zones from confirmed swings, with a point of interest through the middle of each, and turns a zone that a close breaks into a BOS line. Optional support and resistance levels, swing labels (HH, LH, HL, LL) and candle colours complete the chart, with an 11-row dashboard and alerts. It only draws and alerts: it never places, modifies or closes orders.

The zones, the levels and the dashboard's market rows do not gate a signal. A signal comes from the moving-average cross alone, unless one of the three filters in group 10 is on.

This edition's default differs from the other editions. Alt-TF Mode defaults to `ClosedBar`: a chart bar reads the last alternate bar that has closed, so a signal on history sits where a live chart would have shown it. Section 3 explains this and the other mode.

02

Installation

Requirements

- NinjaTrader 8.1.x Desktop for Windows (tested on 8.1.9.0). Not for NinjaTrader 8.0 or NinjaTrader Web.
- Any data connection that delivers bars for the chart. No Order Flow+ features, no depth, no tick history, no second data series.

Import the Add-On package

1. Control Center > Tools > Import > NinjaScript Add-On.
2. Select `FlintridgeTraderPro.zip` and confirm. NinjaTrader compiles the assembly and reports that the import is 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 with at least 300 bars (any instrument, a 5 to 60 minute interval is a good first look), press Ctrl+I.
2. In the Available list find **Flintridge Trader Pro**, click add, click OK.
3. The chart shows purple and blue candles, Buy and Sell markers, green and red shaded bands on open trades, supply and demand zones and the dashboard in the top-right corner. The NinjaScript Output window prints one line with the version and the settings it runs on.

Uninstall / update

- Remove: Control Center > Tools > Remove NinjaScript Assembly > Flintridge Trader 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.

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Quick start

First chart

1. Add **Flintridge Trader Pro** to a chart (Ctrl+I). Leave every setting at its default.
2. Load enough history: with the defaults about 250 bars before everything is drawn, because the EMA 144 and the ATR 50 need their bars and a swing is confirmed 10 bars after it forms. **Days to load** is in the chart's Data Series dialog.

Where the signals come from

The chart's interval times the **Multiplier for Alernate Signals** is the alternate timeframe: at 8 on a 5 minute chart, 40 minute bars. One moving average runs over those bars' closes and one over their opens. A Buy prints when the close average crosses above the open average, a Sell when it crosses below. By default both are an ALMA of period 2.

Which alternate bar a signal reads

Alt-TF Mode in group 09 decides this, and it decides whether history can be trusted.

- **ClosedBar, the default.** A chart bar reads the last alternate bar that has closed. A signal on history sits where a live chart would have shown it, and a reload does not move it. A signal prints on the first chart bar after an alternate bar closes, and its entry is that chart bar's close.
- **ContainingBar.** A chart bar reads the alternate bar it belongs to. On history that bar's final close is already known, so **its history signals appear earlier than a live chart would have shown them**: up to 7 chart bars at the default multiplier. They can look as if they caught every turn, because they were placed with knowledge of what came after. A live chart cannot do that, so live and history disagree in this mode. It is the default of the other editions and stays for comparing with them.

Reading the chart

- **Buy and Sell**: a green arrow and pill under the low, a red arrow and pill over the high, on the signal's bar. **Marker Style** picks arrow, pill or both.
- **Long TP and SL pills**: printed at the close of the bar that reached the first target or the stop. Long TP marks the first target of a short as well.
- **Step lines**: while a trade is open, a blue line at the entry and a red line at the stop, and a green line at the first target until it is reached.
- **Bands**: green between the entry and the first target, red between the entry and the stop, at 90 % transparency.
- **Projected levels**: five lines for the newest signal, from its bar to 40 bars past it, with their prices: entry white, stop dashed, TP1 and TP2 dashed, TP3 dotted. While the newest bar is in view, a label that would leave the chart is pulled inside the right edge.
- **Supply and demand zones**: a box from a confirmed swing, ATR(50) x 2.5 / 10 thick, running to the right edge, with a **POI** line through its middle. A new zone whose middle lies within 2 ATR of an existing zone's middle is skipped. The newest 20 of each side are kept.
- **BOS**: a close through a zone removes the zone and leaves an amber line at its middle, ending on that bar. The newest 5 of each side are kept.
- **Candles**: purple when the close is above the open, blue otherwise, once the bar has closed.

How a trade is tracked

One trade at a time. A Buy opens it unless a long is already open, and a Sell replaces a long at once; the mirror holds for shorts. Then the bar's high (low for a short) crosses TP1, TP2 and TP3 in turn, one step per bar. The stop returns it to flat. On one bar a target is checked before the stop. These marks record that price touched a drawn level on the chart's bars. No spread, commission, slippage or fill is behind them.

The dashboard

Eleven rows, three columns. Every value is the newest record: the last closed bar with `OnBarClose`, the forming bar in a per-tick mode. None of the market rows gates a signal unless a filter in group 10 is on.

ROW	SHOWS
header	product name, author, instrument and interval
Trend (EMA 144)	BULLISH or BEARISH by the close against the EMA 144, and its value
`ALMA(2)`	the type and period you chose; BULL CROSS or BEAR CROSS, and the close average. Its change is what makes a signal
RSI (28)	the value; OVERBOUGHT, OVERSOLD, Bull or Bear
ATR(50)	the value, and as a percentage of the close
Direction	LONG, SHORT or WAITING, and the stage: Entry, TP1 hit, TP2 hit, TP3 hit
Entry	the entry price and the open result in %
Stop Loss	the stop price and its distance in %
targets	TP1, TP2 and TP3 prices, each with a tick once reached

Settings to try first

SETTING	WHAT IT CHANGES
Multiplier for Alernate Signals	A larger number means longer alternate bars and fewer signals.
MA Type: and **MA Period**	TEMA, Hull or ALMA. A longer period crosses less often.
Level TP1, TP2, TP3, Stop Loss	Percentages of the entry price, not points or ticks. On MNQ at 20,000 the default 0.5 % stop is 100 points, so on a 1 minute chart the bands can fill the whole panel. Fit them to your instrument and interval.
EMA-144 Trend Filter, **RSI(28) Filter**, **Min Bars Between Entries**	Off by default. They thin out the signals.
SR On/Off	Adds support and resistance levels.
Show Price Action Labels	Writes HH, LH, HL and LL on confirmed swings.

Alerts

Eight switches in group 11 over eleven events. Every alert goes to the Alerts Log and the NinjaScript Output window, with an optional sound and e-mail, for example: `Flintridge Trader Pro: Long Entry on MNQ 5 Minute @ 20123.25`. Alerts fire once per kind and bar, when the bar closes, on a live chart only. There is no webhook.

What it does not do

It places no orders. It shows moving-average crosses and price levels; it does not forecast where price goes next.

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Calculate mode and bar timing

The two alternate-timeframe modes. With the default multiplier of 8 on a 5 minute chart, the alternate bar is 40 minutes and holds eight chart bars. The two modes differ in which alternate bar a chart bar reads.

- **ClosedBar (default).** A chart bar reads the last alternate bar that has closed. A signal prints on the first chart bar after an alternate bar closes, its entry is that chart bar's close, and it is final when that chart bar closes. History and a live chart run the same sequence, so on the same bars a signal on history sits exactly where a live chart would have printed it. A chart reload does not move it.
- **ContainingBar.** A chart bar reads the alternate bar it belongs to. On loaded history that alternate bar's final close is already known, so every chart bar inside it reads a close that lies in its own future, and the signal sits on the alternate bar's first chart bar. **Its history signals appear earlier than a live chart would have shown them**, by up to the multiplier minus one chart bars: 7 at the default. A live chart cannot read ahead. There a chart bar reads its alternate bar as far as it has got, so a live chart can print a signal that the same chart no longer shows after a reload, and history can show one that was never printed live. This is the default of the other editions and is kept for comparing with them. Do not judge the signals, or run a backtest, on history in this mode.

With **Use Alternate Signals** off, the averages run on the chart's own bars and the setting has no effect.

Calculate modes.

- Default `Calculate.OnBarClose`: one commit per closed bar. The plots, markers, zones and dashboard move when a bar closes. The last historical bar, still forming when the chart loads, is previewed and committed once it has closed.
- `OnEachTick` / `OnPriceChange`: the closed bar is committed once, at the first tick of the next bar, and the forming bar is previewed at most four times a second. A preview leaves no trace: the next one, and the commit, start from the last closed bar.
- A preview moves the step lines, the zones and the dashboard. The forming bar stays out of the alternate bars until it has closed, so with **Use Alternate Signals** on it can never start a signal, and the dashboard's cross row shows the last closed bar's state. With the setting off, a preview can show a trade starting on the forming bar; the marker and the alert still wait for the close.
- Markers and alerts belong to closed bars only. Candles are coloured when they close.
- With no tick arriving, a bar has not closed for NinjaTrader. On a closed market the session's last bar stays a preview until the next session opens, so a signal on that bar appears then, and its alert is normally dropped as stale.
- NinjaTrader stamps a bar with its close. A bar's open time is the stamp minus the bar period; a bar with no fixed period opens at the previous bar's stamp.

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Outputs for strategies and the Market Analyzer

PLOT / SERIES	VALUES
`TpLine1` (plot 0, `TP Line 1`)	the first target, while no target has been reached. Unset otherwise and on a trigger bar
`EntryLine` (plot 1, `Entry Line`)	the entry, while a trade is open. Unset otherwise and on a trigger bar
`SlLine` (plot 2, `SL Line`)	the stop, while a trade is open and TP3 has not been reached. Unset otherwise and on a trigger bar
`Signal` (plot 3, hidden)	+1 on the closed bar of a Buy, -1 on the closed bar of a Sell, 0 otherwise
`TradeState` (plot 4, hidden)	the trade ladder: +1 or -1 entry, +/-1.1 TP1 reached, +/-1.2 TP2 reached, +/-1.3 TP3 reached, 0 flat

Read the series from a strategy only with **Alt-TF Mode** on `ClosedBar`. With `ContainingBar`, a strategy on historical data trades on values taken from the future.

06

Parameters

Groups 01 to 08 keep the titles, order, defaults and ranges of the other editions, the title of the Multiplier included (the group names carry a number prefix because NinjaTrader sorts groups alphabetically). Two things differ on purpose: **Alt-TF Mode** in group 09 defaults to ClosedBar, and the Supply and Demand fills default to 60 % opacity. Groups 09 to 11 hold the signal mode, the chart options, the compatibility filters and the alerts. Group 12 NinjaTrader holds the two diagnostic switches.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
01 Main Settings	Use Alternate Signals	bool	true		`UseRes`	On: the signal is the cross of two moving averages calculated on an alternate timeframe, the chart's interval times the Multiplier. Off: the same two averages on the chart's own bars, with many more signals.
01 Main Settings	Multiplier for Alernate Signals	int	8	1,int.MaxValue	`IntRes`	The alternate timeframe is the chart's interval times this number. At 8 on a 5 minute chart the alternate bar is 40 minutes.
01 Main Settings	MA Type:	FtpMaType	Alma		`BasisType`	The moving average of the alternate bars' closes and opens: TEMA, Hull or ALMA. A signal is their cross.
01 Main Settings	MA Period	int	2	1,int.MaxValue	`BasisLen`	The length of the moving average, in alternate bars.
01 Main Settings	Offset for LSMA / Sigma for ALMA	int	5	0,int.MaxValue	`OffsetSigma`	The sigma of the ALMA. No effect on TEMA or Hull.
01 Main Settings	Offset for ALMA	double	0.85	0.0,double.MaxValue	`OffsetAlma`	The offset of the ALMA: towards 1 it follows the newest bar more closely. No effect on TEMA or Hull.
01 Main Settings	Delay Open/Close MA	int	0	0,int.MaxValue	`DelayOffset`	Shifts the moving average's source back by this many bars.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
01 Main Settings	Signals for Heikin Ashi Candles	bool	false		`HeikinAshi`	Has no effect on any signal, level or drawing. It stays so that settings carry over from the other editions.
02 Settings	Swing High/Low Length	int	10	1 to 50	`SwingLength`	Bars on each side a swing high or low needs. A swing is confirmed this many bars after its own bar. Zones start from confirmed swings.
02 Settings	History To Keep	int	20	5 to 50	`HistoryToKeep`	How many supply zones and how many demand zones are kept. The oldest drops off when a new one exceeds the number.
02 Settings	Supply/Demand Box Width	double	2.5	1.0 to 10.0	`BoxWidth`	Zone thickness: ATR(50) times this number, divided by 10.
03 Visual Settings	Show Price Action Labels	bool	false		`ShowPriceActionLabels`	Writes HH, LH, HL or LL on each confirmed swing.
03 Visual Settings	Supply	colour	#461C1E		`SupplyBrush`	Fill of a supply zone (default opacity 60 %, so the candles stay visible under it).
03 Visual Settings	Outline	colour	#8A3438		`SupplyOutlineBrush`	Border of a supply zone.
03 Visual Settings	Demand	colour	#1A3826		`DemandBrush`	Fill of a demand zone (default opacity 60 %, so the candles stay visible under it).
03 Visual Settings	Outline	colour	#2E6B45		`DemandOutlineBrush`	Border of a demand zone.
03 Visual Settings	BOS Label	colour	#FFB300		`BosLabelBrush`	The line and word of a zone that a close has broken.
03 Visual Settings	POI Label	colour	#9696A0		`PoiLabelBrush`	The words POI, SUPPLY and DEMAND.
03 Visual Settings	POI border	colour	#9696A0		`PoiBorderBrush`	The POI line through the middle of a zone.
03 Visual Settings	Price Action Label	colour	#9696A0		`SwingTypeBrush`	The words HH, LH, HL and LL.
04 SR	SR On/Off	bool	false		`EnableSr`	Draws the support and resistance levels: the highest and lowest pivot of the last 284 bars and up to 21 levels where pivots cluster. Drawing only.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
04 SR	Support Color	colour	#00C853		`ColorSupBrush`	A level at or below the close.
04 SR	Resistance Color	colour	#D50000		`ColorResBrush`	A level above the close.
04 SR	S/R Strength	int	2	1,int.MaxValue	`StrengthSr`	How many pivots must agree before a level is kept.
04 SR	Line Style	FtpLineStyle	Dotted		`SrLineStyle`	The style of the level lines.
04 SR	S/R Line Width	int	2	1,int.MaxValue	`SrLineWidth`	The width of the level lines.
04 SR	Zones On/Off	bool	true		`UseZones`	Draws two dotted lines around each clustered level, Zone Width % away from it.
04 SR	High Low Zones On/Off	bool	true		`UseHlZones`	Draws two dotted lines around the High Level and the Low Level, Zone Width % away from them.
04 SR	Zone Width %	int	2	0,int.MaxValue	`ZoneWidth`	The zone's half width, as a percentage of the high-to-low range of the last 300 bars.
04 SR	Expand SR	bool	true		`ExpandSr`	On: the level lines run across the whole panel. Off: they start at their first bar and run to the right edge.
05 Risk Management	Level TP1	double	1.0		`LvlTp1`	First target distance from the entry, as a percentage of the entry price. Shorts use the same number.
05 Risk Management	Level TP2	double	1.5		`LvlTp2`	Second target distance from the entry, as a percentage of the entry price.
05 Risk Management	Level TP3	double	2.0		`LvlTp3`	Third target distance from the entry, as a percentage of the entry price.
05 Risk Management	Stop Loss	double	0.5		`LvlSl`	Stop distance from the entry, as a percentage of the entry price. Not points or ticks: on MNQ at 20,000, 0.5 % is 100 points.
06 Display	Alert Labels On/Off	bool	true		`AlertOn`	Draws the Buy, Sell, Long TP and SL markers on the chart. Drawing only: it does not switch alerts, which have their own group.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
06 Display	Bar Color On/Off	bool	true		`BarColOn`	Colours closed candles: purple when the close is above the open, blue otherwise.
07 Last Signal Levels	Show projected Entry / SL / TP1 / TP2 / TP3 of last signal	bool	true		`ShowLastSig`	Draws five lines with priced labels for the newest signal. Drawing only.
07 Last Signal Levels	Project levels N bars to the right	int	40	5 to 500	`ExtendBars`	How far past the signal bar the five lines run.
08 Dashboard	Show Info Dashboard	bool	true		`ShowDash`	Draws the panel with the market context and the active trade. Drawing only.
08 Dashboard	Dashboard Position	FtpDashPos	TopRight		`DashPos`	Six positions on the chart panel.
08 Dashboard	Dashboard Size	FtpDashSize	Small		`DashSize`	The dashboard's text size.
09 Signal Mode and Chart	Alt-TF Mode	FtpHtfMode	ClosedBar		`HtfMode`	ClosedBar (default): a chart bar reads the last alternate bar that has closed, so a signal on history sits where a live chart would have shown it. ContainingBar: a chart bar reads the alternate bar it belongs to. On loaded history that bar's final close is already known, so history signals appear earlier than a live chart would have shown them, by up to Multiplier - 1 chart bars.
09 Signal Mode and Chart	Marker Style	FtpMarkerStyle	ArrowAndPill		`MarkerStyle`	How a Buy or Sell signal is marked: an arrow with a pill, the pill only, or the arrow only.
09 Signal Mode and Chart	Max Signal Labels	int	200	16 to 1000	`MaxSignalLabels`	How many of the newest Buy, Sell, Long TP and SL pills stay on the chart. Display only: no calculation depends on it, and arrows are kept.
09 Signal Mode and Chart	Max Swing Labels	int	200	16 to 1000	`MaxSwingLabels`	How many of the newest HH, LH, HL and LL labels stay on the chart. Display only.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
10 Compatibility	EMA-144 Trend Filter	bool	false		`UseTrendFilter`	On: a Buy needs the close above the EMA 144 and a Sell needs it below. Off by default. These three filters reproduce the signal set of the editions that have them on.
10 Compatibility	RSI(28) Filter	bool	false		`UseRsiFilter`	On: blocks a Buy at or above RSI Overbought and a Sell at or below RSI Oversold. Off by default.
10 Compatibility	RSI Overbought	double	65.0		`RsiOverbought`	Read only when the RSI filter is on.
10 Compatibility	RSI Oversold	double	35.0		`RsiOversold`	Read only when the RSI filter is on.
10 Compatibility	Min Bars Between Entries	int	0	0 to 500	`SignalCooldown`	A trigger this many bars or fewer after the last entry is ignored. 0 is off.
11 Alerts	Alerts Master	bool	true		`AlertMaster`	One switch over every alert below. Every alert appears in the Alerts Log window and in the NinjaScript Output window.
11 Alerts	Alert: Long Entry	bool	true		`AlertLongEntry`	A Buy signal on a bar that just closed.
11 Alerts	Alert: Short Entry	bool	true		`AlertShortEntry`	A Sell signal on a bar that just closed.
11 Alerts	Alert: Any Entry	bool	false		`AlertAnyEntry`	Either signal. Off by default, so one signal does not raise two alerts.
11 Alerts	Alert: TP1 Hits	bool	true		`AlertTp1`	The bar that just closed reached the first target, long or short.
11 Alerts	Alert: TP2 Hits	bool	true		`AlertTp2`	The bar that just closed reached the second target, long or short.
11 Alerts	Alert: TP3 Hits	bool	true		`AlertTp3`	The bar that just closed reached the third target, long or short.
11 Alerts	Alert: SL Hits	bool	true		`AlertSl`	The bar that just closed reached the stop, long or short.
11 Alerts	Alert Sound	bool	false		`AlertSound`	Plays a sound with each alert.
11 Alerts	Alert Sound File	string	"Alert2.wav"		`AlertSoundFile`	A file name inside the NinjaTrader sounds folder, for example Alert2.wav, or the full path to a .wav file. Blank plays Alert2.wav.

GROUP	PARAMETER	TYPE	DEFAULT	RANGE	PROPERTY	NOTES
11 Alerts	Alert E-mail	bool	false		`AlertEmail`	Sends each alert by e-mail through the Mail share service configured in NinjaTrader (Tools > Options > Share).
11 Alerts	E-mail To	string	""		`EmailTo`	Recipient address for alert e-mails. Blank sends none.
12 NinjaTrader	Debug Mode	bool	false		`DebugMode`	Writes diagnostics to ftp_nt_debug.log in the NinjaTrader 8 folder.
12 NinjaTrader	Dump Bars + Outputs CSV	bool	false		`DebugDumpCsv`	Writes every committed bar with the engine outputs to ftp_dump_<instrument>_<period>.csv (parity checks).

64 parameters.

07

Sessions, time and volume

Sessions

The indicator has no session logic of its own: the chart's Trading Hours template decides which bars exist. With an ETH template (for example `CME US Index Futures ETH`) the overnight bars count; with an RTH template they do not. Both are valid, and the signals differ, because the averages, swings and alternate bars run over different bars.

The alternate bars

An alternate bar is a fixed stretch of clock time: the chart's interval in whole minutes times the multiplier. The grid is counted from the open of the chart's first loaded bar and runs on through session breaks and weekends. A chart bar belongs to the stretch its open falls in. Two things follow.

- An alternate bar can hold fewer chart bars than the multiplier, around a session break. A stretch with no chart bar does not exist as an alternate bar.
- The chart's first bar sets the grid. Loading a different number of days can move the grid when the new first bar falls differently on it, and a moved grid gives different signals. Daylight saving matters here, because the grid runs on universal time: a chart that starts in winter and one that starts in summer can differ. To compare two charts, give them the same first bar.

Time stamps

NinjaTrader stamps a bar with its CLOSE time in the platform time zone. The bar's open time is reconstructed as close time minus the bar period and converted to universal time.

Volume

Volume is not used by any signal, level or zone. A feed without volume draws the same chart.

Contract rollover

A continuous contract (merge policy `MergeBackAdjusted` or `MergeNonBackAdjusted` in the Data Series dialog) shows a price jump at the roll unless back-adjusted. The averages, zones and percentage levels see that jump as a move. State the merge policy when comparing values across machines.

08

Compatibility

ITEM	STATUS
NinjaTrader version	8.1.x Desktop (tested 8.1.9.0). Not 8.0, not NinjaTrader Web or mobile.
Product type	Indicator, price panel overlay, single data series. The alternate bars are built from the chart's own closed bars, so no second series is loaded.

ITEM	STATUS
Instruments	Any instrument with bars: futures, micro futures, forex, stocks. The stop and targets are percentages of the entry price, so fit them to the instrument.
Bar types	Minute, day, week and month bars fully. Second bars: the alternate bar counts a chart bar as at least one whole minute, so a 30 second chart at multiplier 8 has 8 minute alternate bars. Tick, volume, range, Renko and other bars with no fixed period run: the chart bar is the shortest spacing of the first 300 bars in whole minutes, and an alternate bar then holds a varying number of chart bars. The NinjaScript Output window prints the minutes it uses.
Calculate modes	OnBarClose (default), OnEachTick, OnPriceChange (forming bar previewed, at most four times a second).
Alt-TF Mode	ClosedBar (default) gives the same signals on history and on a live chart. ContainingBar places history signals earlier than a live chart would have shown them; see the Calculate mode chapter.
Multi-instance	Yes. Every instance paints its own surface.
Market Analyzer	Loads with no drawing; the `Signal` and `TradeState` series and the three level series are available as columns. Not advertised as a scanner.
Strategy Analyzer and strategies	The series can be read from a strategy with Alt-TF Mode on ClosedBar. With ContainingBar a historical run trades on values taken from the future, and its result means nothing.
Tick Replay	Not part of the tested set.
Data requirements	Bars. Volume is not used by any signal, level or zone.
Rendering	SharpDX in `OnRender` with DPI scaling and full resource cleanup on render-target change and termination. No draw objects.
Alerts	Alerts Log, NinjaScript Output, optional sound, optional e-mail through NinjaTrader's Mail share service. No webhook.
Templates and workspaces	All settings serialize (colours through the standard brush serializer).
Order handling	None. The indicator never touches orders, positions or accounts.

09

Troubleshooting

SYMPTOM	CAUSE AND FIX
Nothing on the chart	Check that the licence is active for your NinjaTrader login and that the indicator is in the Configured list (Ctrl+I). It paints in the price panel: with the indicator in its own panel it is not visible.
No signals yet, or `NaN` on the dashboard	Too few bars. The EMA 144 and the ATR 50 need their bars, and the first alternate bars need to close. Load more days: at least 300 bars.
Signals on my chart differ from another edition's chart	Most often **Alt-TF Mode**. This edition defaults to ClosedBar, where a signal sits on the first chart bar after its alternate bar closes. The other editions default to ContainingBar. Set ContainingBar to compare. After that, compare on identical bars only: bars differ by feed and session template (see the chapter on how this edition was verified).
In ContainingBar, signals moved or vanished after a reload	That is what the mode does. On history a chart bar reads the final close of the alternate bar it belongs to, so history signals appear earlier than a live chart would have shown them, and signals printed live can differ from what a reload shows. Use ClosedBar, the default, where they stay.

SYMPTOM	CAUSE AND FIX
Signals moved after I changed the days loaded	The alternate-bar grid is counted from the chart's first bar. A different first bar can move it (see the sessions chapter).
The signals arrive later than I expected	In ClosedBar a signal needs its alternate bar to close, then one chart bar. With the multiplier at 8 on a 5 minute chart a signal can print at most once per 40 minutes. A smaller multiplier reacts sooner.
The bands fill the whole panel	The stop and targets are percentages of the entry price, 0.5 % to 2 % by default. On a short interval that is wider than the visible range. Lower **Level TP1**, **TP2**, **TP3** and **Stop Loss**, or use a longer interval.
The zones hide the candles, or cannot be seen	The zone is painted over the candles. **Supply** and **Demand** default to 60 % opacity. Change the colour's opacity, or set the fill fully transparent to keep only the **Outline**.
On a light chart the zones look heavy	The default fills are dark. Pick lighter **Supply** and **Demand** colours.
A signal bar changed while it was forming	It does not: markers and alerts belong to closed bars. In a per-tick mode the step lines, zones and dashboard follow the forming bar and settle when it closes. A zone's newest swing is only confirmed **Swing High/Low Length** bars after the swing.
No alerts	Check **Alerts Master** and the event's own switch. Alerts fire on a live chart for a bar that has just closed, never on history, and not for a bar older than two bar periods. **Any Entry** is off by default.
No e-mail	**Alert E-mail** needs **E-mail To** and a Mail service in Tools > Options > Share.
No sound	**Alert Sound** on. A file name is looked up in the NinjaTrader sounds folder; a full path also works.
Signals on a closed market	With no tick arriving, the session's last bar has not closed for NinjaTrader. A signal on it appears when the next session opens.
A price label is not next to its line's end	Labels are kept inside the chart while the newest bar is in view. The price on the label is exact.
Too many or too few markers	**Max Signal Labels** and **Max Swing Labels** keep the newest pills and swing labels. **Alert Labels On/Off** removes the Buy, Sell, Long TP and SL marks; alerts have their own switches.
Signals for Heikin Ashi Candles changes nothing	Correct. It has no effect on any signal, level or drawing, and stays so that settings carry over from the other editions.
Text is tiny or huge	Sizes follow the Windows display scaling and **Dashboard Size**.
An error line names Flintridge Trader Pro in the Log tab	Set **12 NinjaTrader > Debug Mode** on, reproduce it, and send `Documents\NinjaTrader 8\ftp_nt_debug.log` with the chart interval, instrument and NinjaTrader version.
Two dashboards on one chart	Two instances are configured (Ctrl+I, Configured list). Remove one.

A daily row, a VWAP or a previous-day level looks wrong or stops updating

NinjaTrader can keep using an older copy of its daily or minute history on your PC, and reloading the chart does not refresh it. Open **Control Center > Tools > Historical Data**, expand **Download**, pick the instrument, select **Day**, set the dates to cover the missing days and press **Download**. Do the same with **Minute** if intraday bars are missing, then reload the chart.

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How this edition was verified

The verification has two stages, which measure different things and are reported separately.

Stage 1: the engine

The platform-free engine that ships here is the same code as the cTrader edition's engine apart from its namespace line. That engine was replayed bar by bar there: 20,803 EURUSD 5 minute bars, seven sets of columns with 160 columns in total, and seven input sweeps, every one at 0 mismatches.

Those runs measured the **ContainingBar** mode, the default of the other editions. The ClosedBar mode, the default here, runs the same alternate bars and the same averages, and a chart bar reads the previous alternate bar instead of its own. Stage 2 below compares that mode.

Stage 2: NinjaTrader host vs the engine on identical NinjaTrader bars (2 November 2026)

With **Dump Bars + Outputs CSV** on, the indicator writes the bars it saw (time, open, high, low, close, volume) together with the engine outputs as the host received them: the averages and oscillators, the pivots, the alternate-timeframe series and the alternate bar each chart bar read, the triggers, the trade ladder and its levels, the twelve events, the zones, POI and BOS boxes, the S/R levels and the projection. The same bars are replayed through a build of the identical engine outside NinjaTrader, with no host in between and with ClosedBar set for the replay, and every column is compared.

RUN	BARS	SERIES	CELLS	MISMATCHES
MNQ 1 Minute, historical load, ClosedBar	4,923	231	1,137,213	0

Live run, 2 Nov 2026: MNQ 1 Minute with Calculate set to OnEachTick, across the switch from history to live bars, with about 20 bars closing live: 4,169 bars, 231 series, 963,039 cells, 0 mismatches, 0 bar-identity mismatches.

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Licensing

License model

The product is distributed as a compiled NinjaScript Add-On and licensed through NinjaTrader's user-based Vendor Licensing (NinjaTrader 8.1.5.0 or later). A licence is tied to the customer's NinjaTrader account login, not to a machine: the same login works on every installation of NinjaTrader Desktop the customer uses, and no Machine ID has to be sent to the vendor. Licences are created in the NinjaTrader Ecosystem Vendor Dashboard against the customer's NinjaTrader account email address, with a licence type and an expiry date.

The indicator carries the `VendorLicense(productId)` call in its constructor, with the Product ID of its add-on in the Vendor Dashboard. NinjaTrader verifies the licence whenever the indicator is used.

No free trial

The product is sold as a paid licence only; no free trial is offered. A licence is issued to the buyer's NinjaTrader account email after payment, normally within a few hours.

Activation and transfer

Nothing to activate: log in to NinjaTrader with the licensed account. A new PC needs no transfer. NinjaTrader allows two simultaneous market-data sessions per account, which is what prevents a licence from being shared.

Behavior without a valid licence

NinjaTrader shows its own licence notice (invalid or expired) and stops calling the indicator's calculation and plot methods: the indicator draws nothing and raises no alerts, while its settings still load. It never places orders (it has no order code) and exposes no proprietary data. A licensing-server outage is handled by NinjaTrader's verification (it retries against a secondary server) and must never crash the chart.

Licensing is a practical access-control layer, not a guarantee against copying.

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Support

Questions go through the contact page at https://kestutisbalciunas.com/contact/ with the NinjaTrader version, the instrument and the chart interval. For an error, switch **12 NinjaTrader > Debug Mode** on, reproduce it once and attach `ftp_nt_debug.log` from the `Documents/NinjaTrader 8` folder; switch Debug Mode off afterwards.

The product page, with the documentation and the change log, is https://kestutisbalciunas.com/ninjatrader/flintridge-trader-pro/. Updates and refunds follow the terms on that page.

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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.

Flintridge Trader Pro is a technical analysis tool. It draws moving-average crosses, price levels and zones computed from historical bars; it does not place, modify or close orders and it gives no trade advice. A Buy or Sell marker is a calculation, not a recommendation. The targets, the stop and their ticks on the dashboard record that price touched a drawn level on the loaded bars; there is no spread, commission, slippage or fill behind them, and they are not a trade result.

With **Alt-TF Mode** on ContainingBar, signals on history appear earlier than a live chart would have shown them. History in that mode shows what could not have been traded live, and no conclusion about a strategy can be drawn from it. Nothing in the software or its documentation is a promise of returns, win rates or funded-account success.

NinjaTrader is a registered trademark of NinjaTrader Group, LLC. No NinjaTrader company has any affiliation with the owner, developer, or provider of the products or services described herein, or any interest, ownership or otherwise, in any such product or service, or endorses, recommends or approves any such product or service.