



TRADERSUITE · PROFESSIONAL INDICATOR SERIES

TS Market Compass

The complete user guide - how the trend signals and their tuning work, what makes a signal STRONG, when a reversal prints, how the ribbon turns grey in a range, what the adaptive bands, range levels and candle patterns show, how to build your own custom signal, how the trend and range scores are worked out, every setting, and how often it signals on real data. Everything is worked out on closed candles and never repaints.

v1.0.1

tradersuite.online

WHAT TO INSTALL

TS_Market_Compass_v1.0.1.zip

One zip · one indicator · one licence key

1

Import the zip - leave it zipped.

Control Center -> Tools -> Import -> NinjaScript Add-On... -> choose TS_Market_Compass_v1.0.1.zip

2

Restart NinjaTrader.

So the new indicator is loaded.

3

Open a chart and right-click -> Indicators...

Then load it from the folder shown below.

WHERE TO LOAD IT FROM

In the Indicators window, open the folder **TraderSuite** and double-click TS_Market_Compass.

Indicators

Available



AlphaOmega



TraderSuite

TS_FibZone_Pro

TS_Market_Compass

TS_PivotPoint_SuperTrend



TS_Trend_Exhaust

TS_Market_Compass

Goes on the PRICE CHART. Leave Panel on "Same as input series". Draws the signals, ribbon, bands, scores, candle colours, stop and targets and the panel - everything in this guide.

Switch on what you need

Fast band, trend assist, range levels and the custom signal start OFF. Turn them on in the indicator's settings when you want them.

Paste your licence key into **0A. License**. No key? A **7-day trial** starts by itself.

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How to read this guide

Sections 1-3 get you running and show everything on the chart. Sections 4-6 explain the three kinds of signal. Sections 7-12 explain the tools around them - ribbon, bands, extra tools, patterns, custom signal and scores. Sections 13-14 cover the stop, targets and panel. Section 15 lists every setting exactly as it appears in NinjaTrader.

What this indicator does

TS Market Compass puts the most-asked questions about a chart into one indicator: which way is the trend, is it strong or is the market just going sideways, is price stretched, and has anything just changed?

1 · Trend signals

A smooth trend line with a trailing line around it. **BUY** or **SELL** prints when the trend flips. You choose how fast with one number - the **Tuning**.

2 · STRONG signals

A trend signal that agrees with the trend ribbon is drawn as a solid **STRONG BUY** or **STRONG SELL** label.

3 · Reversals

Price reaches the edge of the bands with RSI stretched, then a candle closes back through the last one. Marked with an orange **R**.

4 · Trend ribbon

A slow average that flattens when price chops. **Green** up, **red** down, grey when the market is in a range.

5 · Adaptive bands

Smooth upper and lower bands with a **zone** inside each edge - where price is stretched.

6 · Scores and bias

A Trend score and a Range score from 0 to 10, a one-line Bias, and candles shaded from red to green.

7 · Extra tools

Fast band, trend-assist line, range levels (VWAP with standard-deviation levels), candle patterns and your own custom signal - switch on what you need.

No repainting

Every candle is worked out once it has closed. A label, line or score never moves or disappears afterwards.

Who it's for

Traders who want one clean overlay that shows trend, strength and stretch at a glance, with clear, rule-based marks when something changes. It works on any instrument and any bar type.

NQ / MNQ

ES / MES

GC / MGC

CL / MCL

RTY / YM

Any bar type

2-min to 15-min suggested

One indicator, one file

Everything in this guide comes from a single indicator, **TS_Market_Compass**. You only add it once. The tools you don't need can be switched off in its settings.

Installing it - step by step

Installation is the same for every TraderSuite indicator and takes about two minutes. You need NinjaTrader 8 (64-bit, 8.1 or later) and the file **TS_Market_Compass_v1.0.1.zip** from your member area or download email.

- 1 **Download the zip - and leave it zipped.** NinjaTrader imports the whole archive; do not extract it first.
- 2 **Import into NinjaTrader.** In the Control Center choose **Tools -> Import -> NinjaScript Add-On...**, browse to the zip and confirm. If an older copy exists, remove it first so NinjaTrader compiles one clean version.
- 3 **Restart NinjaTrader.** A restart after import makes sure the new version is loaded.
- 4 **Open a chart.** Any chart works - for example MNQ on 2 or 5 minutes.
- 5 **Add the indicator.** Right-click the chart -> **Indicators...** -> open the **TraderSuite** folder -> double-click **TS_Market_Compass**. Leave Panel on **Same as input series** so it draws on the candles.
- 6 **Enter your key.** In **0A. License** paste your Pro Membership key or your TS Market Compass key. Click OK - the panel's LICENCE row confirms your status.
- 7 **Load enough history.** The slowest parts look back about 100 candles, so load at least 3-5 days.

Requirements

NinjaTrader 8 (8.1+, 64-bit) - an internet connection for the licence check.

Candle colours

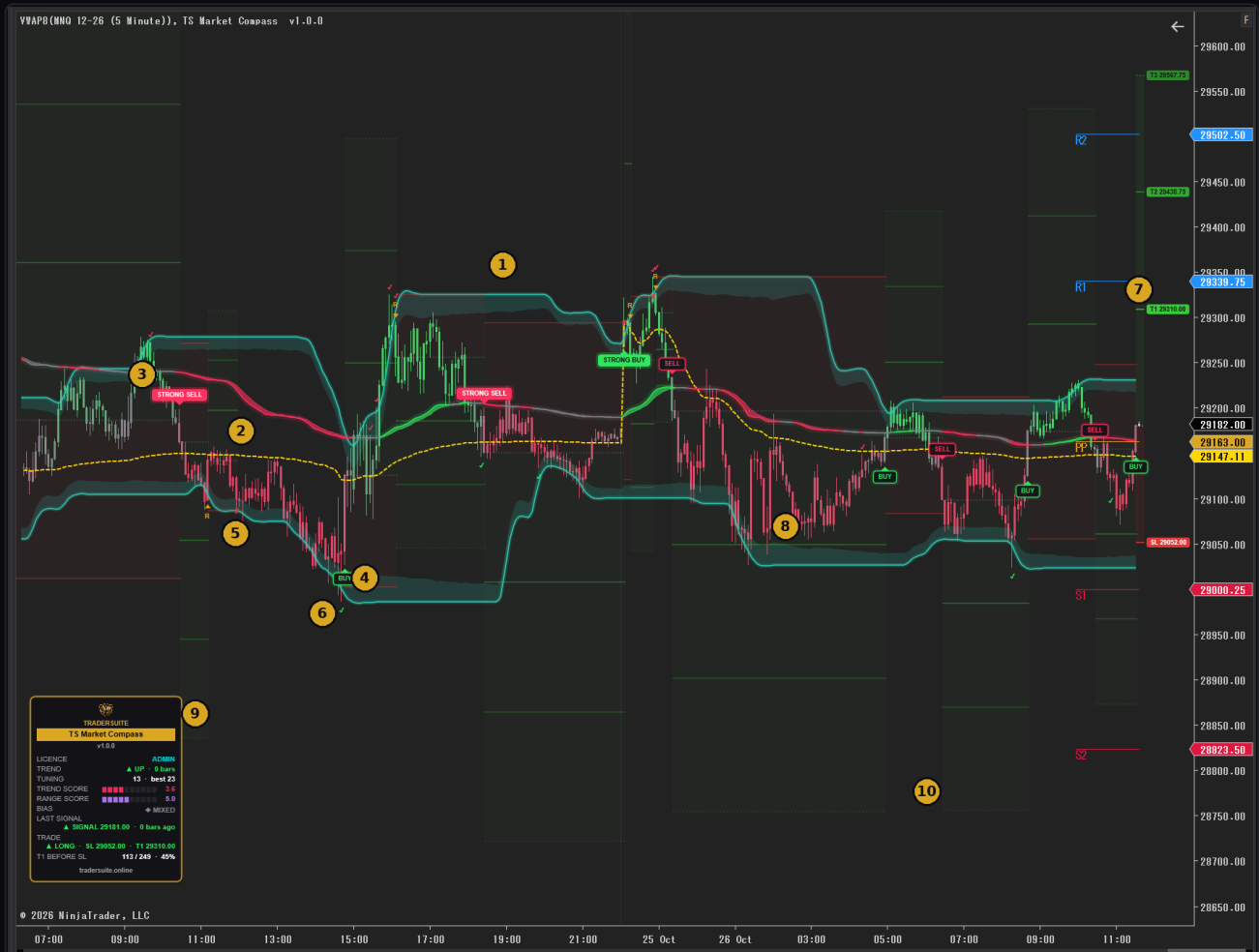
The indicator colours your candles (Section 12). To keep your own colours, set **Candle colours** to **Off**.

Tip - save it in a template

Once the settings feel right, right-click the chart -> **Templates** -> **Save as default** so every new chart opens with it ready.

Anatomy of the chart

Everything the indicator draws with its default settings, on a real MNQ 5-minute chart in NinjaTrader.



MNQ 12-26, 5-minute, default settings. The yellow dashed line and the R1 / PP / S1 lines come from other indicators on this chart - they are not part of TS Market Compass.

WHAT YOU SEE

- 1 **Adaptive bands** - teal upper and lower lines with a shaded zone inside each edge (Section 8).
- 2 **Trend ribbon** - green, red or grey (Section 7).
- 3 **STRONG signal** - a solid label: the trend flipped *and* the ribbon agrees (Section 4).
- 4 **BUY / SELL** - an outlined label: the trend flipped (Section 4).
- 5 **Reversal** - an orange triangle with an R (Section 6).
- 6 **Pattern tick** - a small ✓ under a bullish pattern or ✓ over a bearish one (Section 10).
- 7 **Stop and targets** - price pills for SL, T1, T2 and T3 on the newest trade (Section 13).
- 8 **Gradient candles** - shaded by the trend score: red, grey, green (Section 12).
- 9 **Statistics panel** - licence, trend, tuning, both scores, bias, last signal and the trade (Section 14).
- 10 **Past trades** - faded red and green boxes of earlier signals (Section 13).

Trend signals: BUY, SELL and STRONG

The trend signals come from two lines that you never need to see - the indicator draws only the result.



Real MNQ 5-minute bars, run through the indicator's rules. The gold line and the dashed trailing line are drawn here to explain the idea; on your chart you see only the labels.

- 1 **A smooth trend line.** A low-pass filter (a very smooth moving average) follows price. Its length is the **Tuning** setting - 13 by default.
- 2 **A trailing line.** A line is kept **2.5 ATR** below the trend line in an up trend (above it in a down trend). It only ever moves in the trend's favour - it never steps back.
- 3 **The flip.** When a candle **closes above** the trailing line of a down trend, the trend flips up and a **BUY** prints. A close **below** the trailing line of an up trend prints a **SELL**.
- 4 **STRONG or not.** If the trend ribbon (Section 7) already points the same way, the label is solid and reads **STRONG**. Otherwise it is outlined.



A solid STRONG BUY (the ribbon was green) and an outlined SELL a few candles later.

ATR in plain words

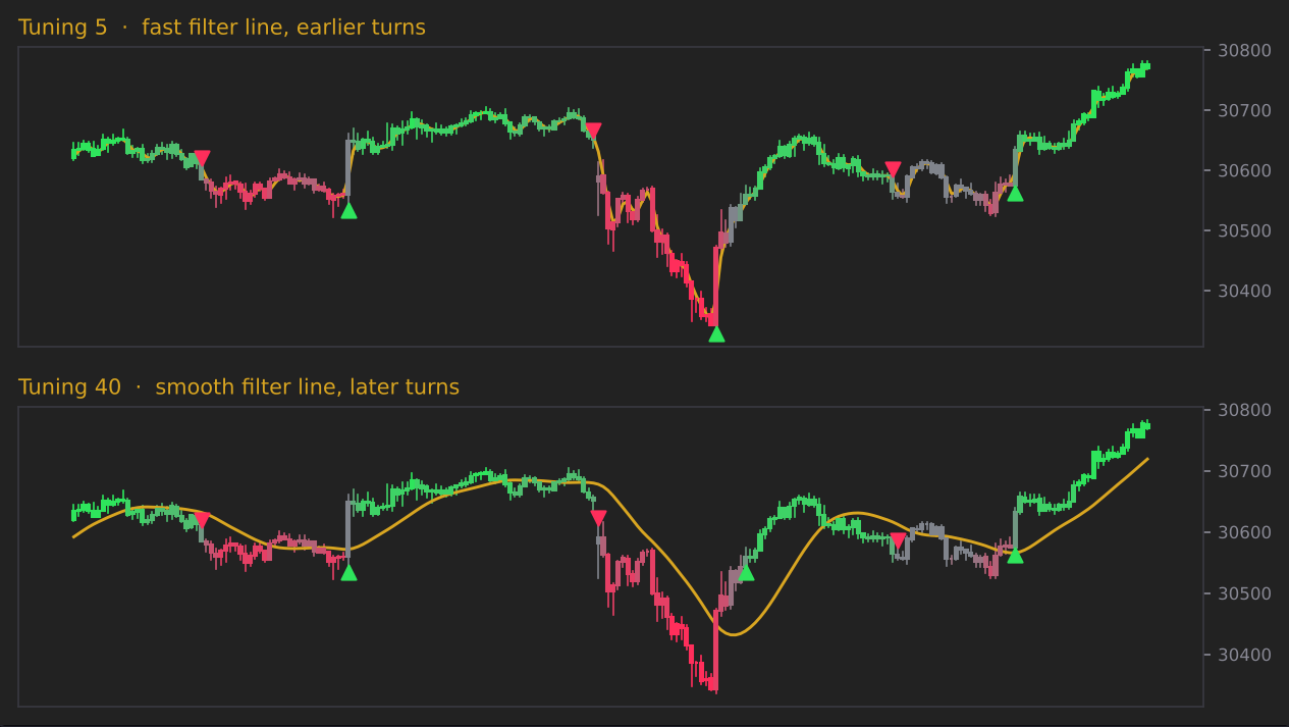
ATR (Average True Range) is the average size of a candle over the last 14 candles. Using it keeps the trailing line the right distance away on a quiet chart and on a busy one.

Fewer, cleaner signals

Raise **Signal band (x ATR)** (for example to 3.0), or switch on **Only strong signals**.

Tuning and auto tuning

Tuning is the length of the smooth trend line. A low number makes it quick to turn; a high number makes it smooth and slow.



The same MNQ 5-minute bars with Tuning 5 and Tuning 40. The slower line turns later.

TUNING	WHAT CHANGES
Low (5-10)	Quick to turn, earlier signals, more signals and more false starts in a choppy market.
Default 13	A middle setting that suits 2 to 15-minute charts.
High (25-50)	Smooth, later signals, fewer of them; better for slow, steady trends.

Best tuning and auto tuning

While it runs, the indicator also tries every tuning from 5 to 50 (in steps of 3) behind the scenes. For each one it adds up the points that its flips would have made over the last 1,500 candles, takes off a small cost for every flip, and the best one is shown on the panel as **best**.

Auto tuning OFF (default)

Signals use your **Tuning** setting. The panel still shows the best tuning, so you can see if another setting has fitted this market better lately.

Auto tuning ON

Signals follow the best tuning, re-checked on every candle. The panel row reads, for example, **23 auto**.

Best is about the past, never the future

The best tuning is the one that would have done best on candles that have already closed - it never looks ahead, and it can change from day to day. A setting that fitted last week can do worse next week. That is why auto tuning is off by default: treat the best tuning as information, not a promise.

Reversal signals

Reversals look for a stretched move that starts to turn. They are drawn as an orange triangle with an **R**.

- 1 **Price reaches a band zone.** A candle touches the **zone** inside the lower band (for a reversal up) or the upper band (for a reversal down).
- 2 **RSI is stretched.** At that moment RSI (14) is **30 or lower** (or **70 or higher** for a reversal down). RSI is a common 0-100 measure of how one-sided recent closes have been.
- 3 **A candle turns.** Within 5 candles of the last zone touch, a candle closes **above the previous candle's high** and closes up (or **below the previous low** and closes down for a sell).



Real MNQ 5-minute bars. Left: a reversal down at the upper band. Right: a reversal up after the lower zone with RSI under 30 - its stop (dotted red) is the lowest low since the touch. This one failed: price went on to the stop. Reversals are a prompt to look, not a promise.



On a real 2-minute chart: R marks at the bands, with pattern ticks and a BUY after the low.

Fewer reversals

Lower **Reversal RSI level** (for example 25), or make the zone thinner with **Zone depth (x ATR)**.

Only trend signals?

Set **Signal mode** to **Trend**. For reversals only, set it to **Reversal**.

The trend ribbon

The ribbon is a slow moving average that **adapts to how efficiently price is moving**. When price moves in a straight line the ribbon follows quickly. When price goes up and down without getting anywhere, the ribbon nearly stops - so it does not chase every swing in a range.



Real MNQ 5-minute bars. The ribbon is grey while the range score (bottom) is at 7.5 or more.

COLOUR	MEANING
Green	The ribbon is rising and the market is not in a range.
Red	The ribbon is falling and the market is not in a range.
Grey	The Range score is 7.5 or higher, or the ribbon is almost flat. Trend tools are less useful here.

The ribbon decides when a trend signal is **STRONG**, and it is one of the eight votes in the Trend score. You can set when it turns grey with **Grey at range score**.

Adaptive bands and zones

The bands follow the highest high and the lowest low of the last 50 candles, smoothed so they curve instead of jumping. In a range they stay flat; in a trend they step with price.

The zone

Inside each band there is a shaded zone 0.5 ATR deep. A candle that reaches into the zone is near the edge of the recent range - stretched.

What uses it

Reversal signals (Section 6), the custom triggers `TouchLowerZone` / `TouchUpperZone`, the BANDS row of the full panel, and the STRETCHED bias.

Band length

Higher (e.g. 100) gives wider, steadier bands and fewer zone touches; lower (e.g. 20) hugs price.

Band smoothing

How smooth the curves are. Higher is smoother but a little slower to move.

Bands are not walls

In a strong trend price can ride along a band zone for a long time. A touch only says price is at the edge of its recent range - it does not say it will turn.

Extra tools: fast band, trend assist, range levels

Three more tools, all off by default so the chart stays clean. Switch them on in 2. Trend Tools and 3. Bands & Levels.



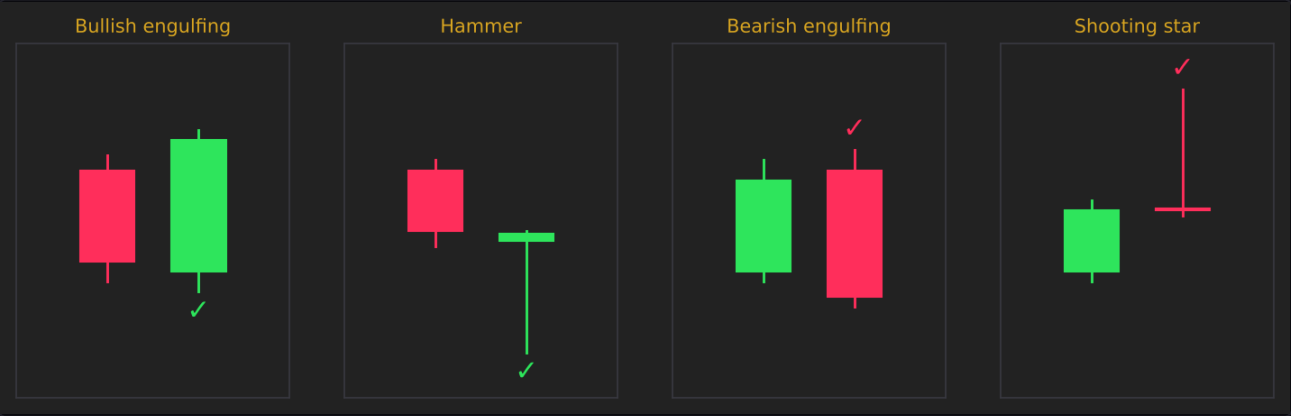
Real MNQ 5-minute bars. Left to right: fast band, trend assist line, range levels.

TOOL	WHAT IT IS	HOW PEOPLE USE IT
Fast band	A Hull moving average (length 55) with a thin band around it, green while rising, red while falling.	A quick read of short-term direction; a pullback into the band in a trend.
Trend assist	A smooth Gaussian average with a trailing line 2 ATR away. It steps up in an up trend and down in a down trend, and breaks when it flips.	A slow trailing support (up trend) or resistance (down trend).
Range levels	A volume-weighted average price (VWAP) that restarts each session (or each week, or every N candles), with levels at ± 1 and ± 2 standard deviations. Green while price is above the middle line, red below.	Value area for the session; the outer levels as stretched areas or targets.

VWAP is the average price of the session, weighted by how much traded at each price. A standard deviation is the usual distance of price from that average.

Candle patterns

Classic candle patterns are only marked when they appear in a sensible place - at a fresh low or high, or in a band zone. That removes most of the ones that mean nothing.

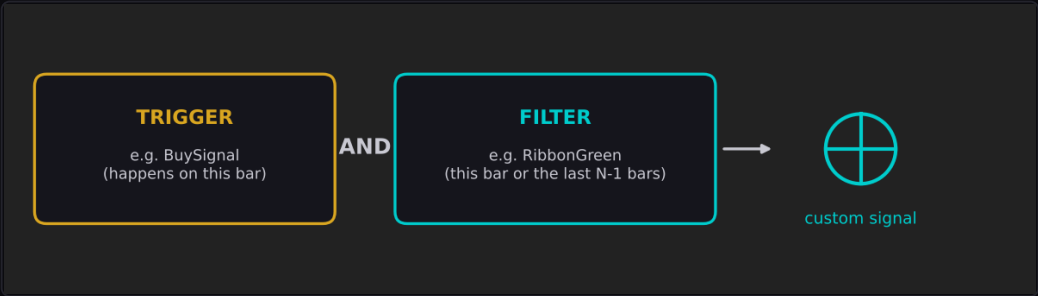


The four patterns. The tick shows where the indicator marks them.

PATTERN	RULE
Bullish engulfing	A down candle, then an up candle whose body covers it and is bigger. Body at least 0.5 ATR.
Hammer	Lower wick at least 60% of the candle, upper wick 15% or less. Candle at least 0.8 ATR tall.
Bearish engulfing	The mirror of bullish engulfing.
Shooting star	The mirror of the hammer: long upper wick, small lower wick.
Where	Bullish: one of the two candles made the lowest low of the last 20 candles, or the candle is in the lower zone. Bearish: the highest high, or the upper zone.

The custom signal builder

Build your own signal from the indicator's parts - no coding. A custom signal prints when the **trigger** happens on a candle **and** the **filter** was true on that candle or one of the few before it.



TRIGGERS (ONE PER SIGNAL)	FILTERS
BuySignal / SellSignal	None (always true)
StrongBuy / StrongSell	RibbonGreen / RibbonRed / RibbonGrey
ReversalUp / ReversalDown	TrendScoreAtLeast / TrendScoreAtMost (uses Custom filter value)
BullPattern / BearPattern	RangeScoreAtLeast / RangeScoreAtMost (uses Custom filter value)
RibbonTurnsGreen / RibbonTurnsRed	BullPattern / BearPattern
TouchLowerZone / TouchUpperZone	InLowerZone / InUpperZone · AboveRangeMid / BelowRangeMid · TrendUp / TrendDown

Examples

YOU WANT	TRIGGER	FILTER	WITHIN
Buy signals only after a bullish pattern	BuySignal	BullPattern	5
Reversals up only when the market is ranging	ReversalUp	RangeScoreAtLeast 6	1
The ribbon turning green with price above the range mid	RibbonTurnsGreen	AboveRangeMid	1
Sell signals in a weak trend only	SellSignal	TrendScoreAtMost 4	3

Switch on **Show custom signal** to see it on the chart as a cyan Ⓢ. It can have its own alert (Section 17) and is always available to strategies (Section 18). A buy-side trigger gives a buy signal; a sell-side trigger gives a sell signal - the filter never changes the direction.

Scores, bias and candle colours



Real MNQ 5-minute bars. Bottom: the trend score (gold) and the range score (purple).

Trend score - 0 to 10

Eight simple trend checks each give a vote between 0 (down) and 1 (up). The score is their average times 10, lightly smoothed. 0 = every check says down, 5 = balanced, 10 = every check says up.

VOTE	UP WHEN
Ribbon position	The close is above the ribbon.
Ribbon slope	The ribbon is rising.
Trend signal	The current trend direction is up.
Fast band	The fast band is rising.
Trend assist	The trend-assist line is in an up trend.
RSI (14)	Higher RSI = a higher vote ($RSI \div 100$).
50-candle range	The close is near the top of the last 50 candles' range.
Range mid	The close is above the range-levels middle line (VWAP).

Range score - 0 to 10

Four measures of sideways markets, each from 0 (clean trend) to 1 (tight range): the Choppiness Index, how inefficiently price is moving, today's ATR compared with a slower ATR, and how narrow the bands are compared with normal. 10 = a tight, quiet range; 0 = a fast, clean trend.

Bias

BIAS	WHEN
◆ RANGE · WAIT	Range score is 7.5 or more (the same level that turns the ribbon grey).
▲ UP TREND	Trend score is 6.5 or more.
▲ UP · STRETCHED	Up trend, and the close is above the top half of the bands.
▼ DOWN TREND	Trend score is 3.5 or less.
▼ DOWN · STRETCHED	Down trend, and the close is in the bottom half of the bands.
◆ MIXED	Anything else.

The bias describes now - it does not forecast

It is a short summary of the scores on the last closed candle. It can change on the next candle.

Candle colours

Gradient (default)

Eleven shades from your **down colour** (score 0) through grey (5) to your **up colour** (10).

Classic or Off

Classic: up or down colour by the trend direction, grey when the market is in a range. Off: your own chart colours.

Stop and targets

Every trend and reversal signal gets a **stop** and three **targets**, drawn straight on the chart. The entry is the close of the signal candle.



A live BUY on the 2-minute chart: red risk zone down to SL, green reward zone up to T3, with price pills for each level.

ITEM	HOW IT IS PLACED
Stop - trend signal	Just beyond the trailing line that the signal broke, plus a 2-tick buffer.
Stop - reversal	Just beyond the lowest low (or highest high) since the zone touch, plus the buffer.
ATR stop	Choose ATR in Stop type for entry +/- 1.5 ATR. It is also used when a structure stop would be on the wrong side of the entry.
T1 / T2 / T3	1R, 2R and 3R. 1R is the distance from the entry to the stop.
Newest trade	Drawn bright with price pills. A new signal ends the drawing of the one before it.
Past trades	Faded, with a ✓ where T3 was reached or a ✗ where the stop was hit first.

A plan, not a promise

The panel's T1 BEFORE SL row counts what happened on the chart you loaded. With T1 at 1R, a figure near 50% is what random entries tend to give too - so read it as a record of this chart, not as proof of an edge.

The statistics panel

The panel sits in any corner (bottom left by default) and can be switched off. **Compact panel** (on by default) shows the rows you need while trading; switch it off for the full view.



ROW	WHAT IT SHOWS
LICENCE	MEMBER, LICENSED, TRIAL, ADMIN, OFFLINE, CHECKING or INVALID - see Section 19.
TREND	▲ UP or ▼ DOWN and how many candles since it flipped.
TUNING	The tuning in use and the best one (for example 13 · best 29), or 23 auto.
TREND SCORE	Ten cells and the value, 0 to 10 (Section 12).
RANGE SCORE	Ten purple cells and the value, 0 to 10.
BIAS	The one-line summary (Section 12).
LAST SIGNAL	SIGNAL, STRONG or REVERSAL, its close and how many candles ago.
TRADE	The newest trade still running: LONG / SHORT, its stop and T1.
T1 BEFORE SL	Trades that reached T1 before the stop / trades decided, on this chart.
Full panel adds	ACTIVATIONS, RIBBON, BANDS (zone and stretch), RANGE MID, SIGNALS and PATTERNS / CUSTOM counts, T2 and T3 BEFORE SL, STOP, CUSTOM and SET-UP.

Settings reference

Every option, grouped exactly as it appears in the NinjaTrader indicator dialog.

0A. License

OPTION	DEFAULT	WHAT IT DOES
License Key	(empty)	Your Pro Membership key or TS Market Compass key (product code TSMCP). Blank = 7-day trial. Never shown on the chart.

1. Signals

OPTION	DEFAULT	WHAT IT DOES
Signal mode	Both	Trend, Reversal, Both or Off.
Tuning	13	Length of the trend filter (Section 5).
Auto tuning	off	Signals follow the best tuning.
Auto tuning: from / to / step	5 / 50 / 3	The tunings that are tried.
Auto tuning: bars scored	1500	How many recent candles each tuning is scored on.
Auto tuning: cost per flip (ticks)	2	Taken off the score on every flip, so jumpy settings are not favoured.
Signal band (x ATR)	2.5	Distance of the trailing line. Higher = fewer signals.
ATR length	14	Used everywhere the guide says ATR.
Only strong signals	off	Hide trend signals that do not agree with the ribbon.
Reversal RSI level	30	Reversal up needs RSI at or below this; down needs 100 minus this (70).
Reversal window (bars)	5	How long after the last zone touch a reversal can still print.

2. Trend Tools

OPTION	DEFAULT	WHAT IT DOES
Show trend ribbon	on	Section 7.
Ribbon length / fast / slow	30 / 4 / 60	How it measures efficiency, and its fastest and slowest speed.
Grey at range score	7.5	Grey ribbon, and RANGE bias, at or above this range score.
Show fast band	off	Section 9.
Fast band length / width	55 / 0.15	Hull length, and band width in ATR.
Show trend assist	off	Section 9.
Trend assist length / distance	50 / 2.0	Gaussian length, and the trailing distance in ATR.

3. Bands & Levels

OPTION	DEFAULT	WHAT IT DOES
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OPTION	DEFAULT	WHAT IT DOES
Show adaptive bands	on	Section 8.
Band length / smoothing	50 / 10	Highest-high / lowest-low window, and how smooth the curves are.
Zone depth (x ATR)	0.5	How deep the zone inside each band is.
Show range levels	off	Section 9.
Range anchor / anchor bars	Session / 100	Restart each Session, each Week, or every N Bars.
Inner / outer level (SD)	1.0 / 2.0	Standard-deviation levels around the middle line.

4. Patterns & Custom Signal

OPTION	DEFAULT	WHAT IT DOES
Show candle patterns	on	Section 10.
Pattern lookback (bars)	20	A pattern must make the lowest low (highest high) of this many candles, or be in a zone.
Show custom signal	off	Draw the ⊕ marks and count them (Section 11).
Custom trigger / filter	BuySignal / RibbonGreen	The two parts of your signal.
Custom filter value	6	The score level for the score filters.
Filter within (bars)	5	1 = the filter must be true on the trigger candle itself.

5. Candles & Visuals

OPTION	DEFAULT	WHAT IT DOES
Candle colours	Gradient	Gradient, Classic or Off (Section 12).
Colour candle outlines	on	Also colour the candle outlines.
Show BUY / SELL labels / reversal marks	on / on	
Up / down / neutral colour	#2EE55C / #FF2E5B / #80848C	Used for candles, labels, ribbon and bands of direction.
Band colour	#2DD4BF	Colour of the adaptive bands.

6. Stop & Targets

OPTION	DEFAULT	WHAT IT DOES
Show stop & targets	on	Section 13.
Stop type	Structure	Structure or ATR.
Stop buffer (ticks)	2	Extra distance beyond the line or swing.
ATR stop multiple	1.5	For the ATR stop type and the safety net.
Target 1 / 2 / 3 (R)	1 / 2 / 3	Targets as multiples of the risk.

OPTION	DEFAULT	WHAT IT DOES
Show past trades	on	Faded earlier trades with ✓ / ✗.

7. Panel · 8. Alerts

OPTION	DEFAULT	WHAT IT DOES
Show panel / Compact panel	on / on	Section 14.
Panel placement / margin	BottomLeft / 14	Any corner; distance from the chart edge in pixels.
Show logo	on	
Enable alerts	off	Master switch (Section 17).
Alert on BUY / SELL	on	With a sub-switch for strong signals only (off).
Alert on reversal / custom signal	on / on	
Alert when the ribbon turns	off	
Alert sound	Alert2.wav	Pick any .wav file with the file picker.

Timeframes and how often it signals

How many marks to expect, counted on MNQ from June to October 2026 (about 90 sessions, all hours) with default settings.

CHART	TREND SIGNALS	OF WHICH STRONG	REVERSALS	PATTERNS
2-minute	18	3	12	28
5-minute	7	1.3	5.4	11
15-minute	2.4	0.5	2.0	3.6

Per session, on average. The ribbon is grey about 35-40% of the time on these charts. Tuning moves the count of trend signals a little (on 5 minutes: Tuning 7 about 8 a session, 13 about 7, 25 about 6); **Signal band** moves it more.

Fewer marks

Only strong signals on, a bigger Signal band (e.g. 3.0), a lower Reversal RSI level (e.g. 25), patterns off, or a slower chart.

More marks

A smaller Signal band (e.g. 1.5), a lower Tuning, or a higher Reversal RSI level (e.g. 35).

These are counts, not results

The table says how often the indicator marks something - not how often price moved your way afterwards. A signal is a prompt to look, not a reason on its own to trade.

Alerts

Switch on **Enable alerts**. Alerts appear in NinjaTrader's Alerts window with the sound you choose. They fire once, when the candle closes, and only on live data while the chart is open.

ALERT	TEXT (EXAMPLE)
BUY / SELL (on)	TS_Market_Compass - MNQ 12-26: STRONG BUY - trend flipped up (tuning 13). Close 29181.00
Reversal (on)	... REVERSAL UP - lower band zone, close above the last high. Close 29052.25
Custom (on)	... CUSTOM BUY - BuySignal & RibbonGreen. Close 29163.00
Ribbon (off)	... TREND RIBBON TURNED GREEN. Close 29140.50

The custom alert needs **Show custom signal** switched on.

For NinjaScript developers

Every main value is available as a hidden plot, so you can use it in the Strategy Builder or your own NinjaScript.

OUTPUT	VALUES
Signal	+1 buy, -1 sell trend signal, 0 none (after Signal mode and Only strong signals).
Strong	1 when that trend signal agrees with the ribbon.
Reversal	+1 / -1 reversal signal, 0 none.
CustomSignal	+1 / -1 from your custom trigger and filter - set even when Show custom signal is off.
TrendDirection	+1 up, -1 down.
TrendScore / RangeScore	0 to 10.
RibbonState	+1 green, -1 red, 0 grey.
ActiveTuning	The tuning the signals use on that candle.
BandUpper / BandLower	The adaptive bands.
AssistLine / RangeMid	The trend-assist line and the range-levels middle line (VWAP).
StopLoss / Target1 / Target2 / Target3	The stop and targets - set on signal candles only.

```
// strategy with Calculate = OnBarClose
// 29 inputs, in the order of the settings dialog
var mc = TS_Market_Compass(13, false, 2.5, 14, false, 30, 5,
    30, 4, 60, 7.5, 55, 50, 2.0, 50, 10, 0.5,
    MCPAnchor.Session, 20, MCPTrigger.BuySignal,
    MCPFilter.RibbonGreen, 6, 5,
    MCPStopMode.Structure, 2, 1.5, 1, 2, 3);

// a strong buy on the bar just closed, not in a range
if (mc.Signal[0] == 1 && mc.Strong[0] == 1 && mc.RangeScore[0] < 6)
{
    double stop = mc.StopLoss[0], t1 = mc.Target1[0];
    /* your own entry and risk rules */
}
```

With **OnBarClose** read **[0]**. If your strategy runs on each tick, read **[1]** on the first tick of the new bar. Colours, panel and alert options cannot be set from a strategy. The licence check runs inside the indicator, so the machine running the strategy needs a valid key.

Licensing & activation

TS Market Compass uses the TraderSuite Licence System. It is included with Pro Membership - your membership key unlocks it - and can also be unlocked with its own key (product code **TSMCP**).

STATUS	WHAT IT MEANS
MEMBER	You are licensed through your TraderSuite membership.
LICENSED	Your product key is valid on this machine.
TRIAL	No key entered: a 7-day trial is running. The panel shows the days left.
CHECKING	The licence check is running.
OFFLINE	The licence server could not be reached; your last good check is used for up to 7 days.
INVALID	The key is wrong, expired, used on too many machines or for another product. The chart says which.

Your key stays private

It is never shown on the chart, the panel or in screenshots.

Moving machines?

Free the old machine from your account dashboard first, then activate on the new one.

Trading with it - a workflow

One simple way to use it. It is an example, not a rule - adapt it to your own plan.

- 1 **Read the panel first.** Is the ribbon grey and the bias RANGE · WAIT? Trend signals work less well in a range - wait, or think in terms of the bands' edges instead.
- 2 **Trade with the bigger picture.** In a green ribbon with a high trend score, pay most attention to BUY and STRONG BUY labels and to reversals up from the lower zone. Mirror it in a red ribbon.
- 3 **Watch the stretch.** A STRETCHED bias or a candle deep in a band zone means price is far from its average - a poor place to chase, a good place to look for a turn.
- 4 **Plan the risk before you enter.** The stop drawn on the chart is a natural reference. Size the position so that distance is a risk you accept.
- 5 **Make it yours.** Use the custom signal to mark only the set-ups you trade, and alert on those.
- 6 **Respect a failed signal.** If price closes back through the stop level, the idea was wrong - that is information too.

Use it as context

Tools like this work best as a filter or a prompt for your own set-ups, rather than taking every signal.

What this indicator is not

- **It is not a signal service.** It shows trend, strength and stretch; the decision - and the responsibility - stays with you.
- **It does not predict the future.** The bias and the best tuning describe candles that have already closed.
- **It does not find tops or bottoms.** A reversal can be only a pause, and a band zone can hold price for a long time.
- **The stop and targets are a plan, not a promise.** The panel's hit rates describe the chart you loaded, not future trades.
- **It does not place trades.** It draws on the chart and sounds alerts; it places no orders and manages no positions.
- **It does not promise profits.** Section 16 counts how often it signals, not how much it made.
- **It is not financial advice.** Everything in this guide is educational.

Risk disclosure

Trading futures and other leveraged products involves substantial risk of loss and is not suitable for every investor. Only trade with capital you can afford to lose. Examples in this guide are illustrations and do not represent actual trading.

Troubleshooting & FAQ

► Signals appear only after the candle closes

By design - every candle is worked out once it has closed, so nothing repaints.

► My candles changed colour

The indicator shades them by the trend score. Set Candle colours to Classic or Off.

► Too much on the chart

Switch off what you don't need: patterns, past trades, reversal marks, or the bands. Or turn on Only strong signals.

► Too many signals

Raise the Signal band, turn on Only strong signals, lower the Reversal RSI level, or use a slower chart.

► The best tuning keeps changing

Normal - it is re-scored on every candle from recent history. Leave Auto tuning off if you want signals that use one fixed setting.

► I switched on Auto tuning and the old signals changed

When any setting changes, the chart is worked out again from the first loaded candle. On live data nothing already printed changes.

► No custom signals

Switch on Show custom signal. Check the filter can be true with your trigger - for example, BuySignal with RibbonRed and Within 1 will rarely print.

► Nothing at the start of the chart

The bands, ribbon and scores need up to about 100 candles to warm up. Load more history.

► The panel covers my candles

Move it with Panel placement, add a margin, use the compact panel, or switch Show panel off.

► The indicator doesn't appear in the list

Check the import finished without errors, then restart NinjaTrader. It lives in the TraderSuite folder.

► The chart shows LICENCE REQUIRED

Paste your key in OA. License. The notice names the exact reason.

Still stuck?

Email completetradersuite@gmail.com with your NinjaTrader version, the version from the panel (v1.0.1) and a screenshot of the chart including the panel. The TraderSuite Team will get you running.

Changelog

VERSION	NOTES
v1.0.1	The CustomSignal output is now set for strategies even when Show custom signal is off.
v1.0.0	First release. Trend signals with tuning, best tuning and auto tuning; STRONG signals; reversals; trend ribbon; adaptive bands and zones; fast band; trend assist; range levels; candle patterns; custom signal builder; trend and range scores, bias and gradient candles; stop and three targets; compact four-corner panel; alerts; hidden outputs for strategies. Closed-candle calculation, TraderSuite Licence System v3.1.



TraderSuite

Thank you for trading with TS Market Compass. For the latest build, video walkthroughs and support, visit us online. - The TraderSuite Team

Web tradersuite.online

Email completetradersuite@gmail.com