



TRADERSUITE · PROFESSIONAL INDICATOR SERIES

Renko Band Pro

The complete user guide — Renko-tuned TMA bands, non-repainting reversal signals, an auto-drawn trade plan, five quality filters and a live backtest panel, on one clean chart.

v1.0.0

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How to read this guide

Sections 1–8 explain what you see on the chart and why. Section 9 is a full reference for every setting. Keep it open beside a Renko chart on your instrument — each visual mirrors exactly what the indicator draws.

What this indicator does

Renko Band Pro draws Triangular Moving Average bands around price — built from the ground up for Renko bricks — and fires a reversal signal when price stretches to a band extreme and turns back inside. Around that core it layers everything a scalper normally bolts on by hand: an auto-drawn Entry / Stop / TP1 / TP2 trade plan, five quality filters with rejection counters, and a built-in backtest engine that scores every historical signal on your own chart — win rate, profit factor, expected value and max drawdown, live on the panel.

Signals that lock

Every Buy / Sell signal is computed on bar close and locks permanently the moment it fires. No repainting, no vanishing arrows — what you see is what you would have traded.

A plan on every signal

Optionally, each signal draws Entry, Stop, TP1 and TP2 lines with tick distances and R-multiples directly on the chart. No mental maths at the hard right edge.

Five power filters

Higher-timeframe trend, ADX sweet spot, time-of-day, band squeeze and wick rejection. Use any combination to dial in signal quality for your market.

Proof on the panel

A built-in backtest engine treats every historical signal as a virtual trade — computed from this chart's signals, not from cherry-picked screenshots.

Who it's for

Active intraday scalpers who trade mean-reversion at band extremes and want the signal discipline, trade planning and record-keeping done automatically. The default settings are tuned for index-futures scalping on Renko bricks, but it runs on every chart type and any instrument NinjaTrader 8 can load.

Index futures (NQ, ES, MNQ, MES, YM, RTY)

Forex

Equities

Crypto

Renko bricks — recommended

Works on any bar type

Intraday scalping

A note on honesty

A band touch marks where price is *stretched*, not where it must turn. Any signal can fail — the red result bars on your own chart are proof of that. This tool organises evidence and keeps the record honest; the decision, and the risk, stay with you.

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 .zip file from your purchase email or account download page.

- 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 a single clean version.
- 3 Restart NinjaTrader.** A restart after import guarantees the new assembly is loaded.
- 4 Add it to a chart.** Right-click the chart → **Indicators...** → open the **TraderSuite** folder → double-click **TS_RenkoBand_Pro**. A Renko chart is recommended — that is what the defaults are tuned for.
- 5 Enter your licence key.** In the indicator's settings find the **0A. License** group and paste the key from your purchase email. Leave it empty to start an automatic 7-day trial.
- 6 Click OK and check the panel.** The statistics panel's **License** line should read **✓ LICENSED**, **MEMBER** or **TRIAL**. Section 10 explains every state.

Requirements

NinjaTrader 8 (free or licensed, 64-bit) · any instrument
NinjaTrader can chart — futures, forex, equities, crypto,
options · an internet connection for the first licence validation.

Moving machines?

Deactivate the old machine from your account dashboard first,
then activate on the new one. Activations used/allowed are
shown live on the panel.

Tip — save it in a template

Once your brick size, band tuning and filters feel right, right-click the chart → **Templates** → **Save as default** so every new chart opens ready to trade.

Anatomy of the chart

Everything the indicator draws, on one screen. The bands hug the bricks, signals print at the extremes, the trade plan projects into the space beyond the last brick, and the result bars keep the running score underneath.

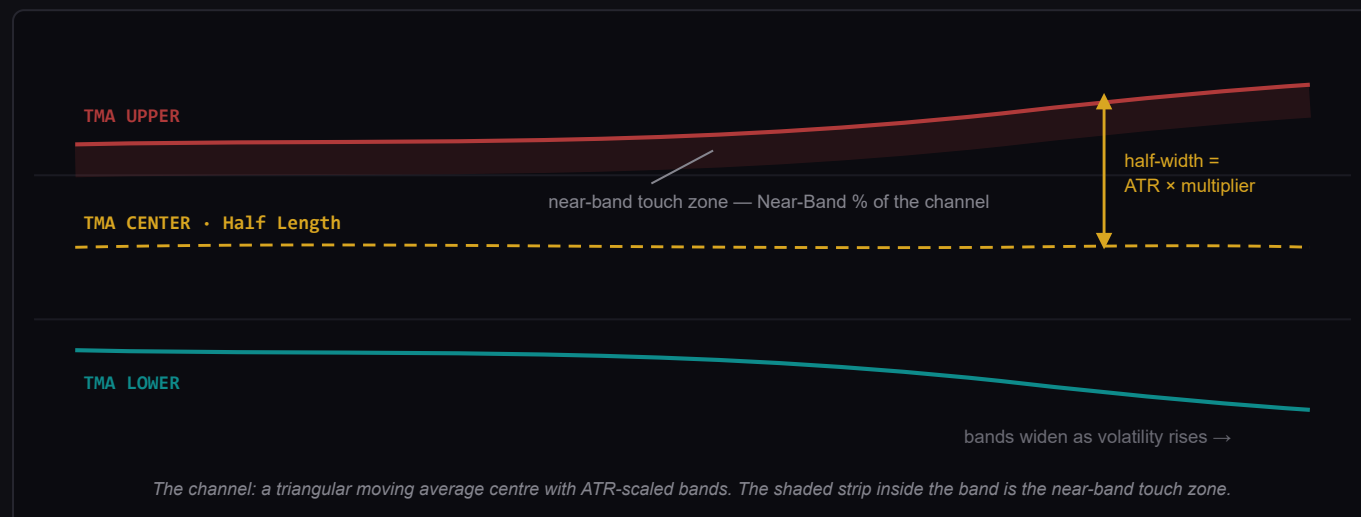


- 1 **Renko bricks** — uniform bricks strip time noise; the tuning assumes them.
- 2 **TMA bands** — upper (maroon), centre (gold) and lower (teal), ATR-dynamic width.
- 3 **Buy / Sell arrows** — locked on bar close at band extremes. Never repaint.
- 4 **Trade plan** — Entry, Stop and TP1 / TP2 lines with tick and R distances.
- 5 **Trade-result bars** — green/red outcome of every closed virtual trade.
- 6 **Statistics panel** — licence, bar state and the live backtest metrics.
- 7 **Renko detection** — confirms the bar type; on non-Renko charts it shows a tip instead.

The bands — TMA on Renko

The channel is built from a **Triangular Moving Average** — a double-smoothed average with a configurable **Half Length** — which forms the centre line. The upper and lower bands sit at an **ATR-based distance** from that centre: a multiplier times current volatility, so the channel widens when the market gets loud and tightens when it goes quiet, instead of sitting at a fixed distance.

A **Near-Band %** threshold decides how close price must come to a band to count as a touch — so a brick that stalls just short of the line can still qualify, and a genuine tag is never missed by a tick.



Tuning to your brick

Half Length and the **ATR Multiplier** together decide how often price reaches a band. Match them to your brick size — bigger bricks generally need a shorter, wider channel than tiny ones.

Renko detection

The indicator detects the chart's bar type automatically. On a non-Renko chart it still runs on every bar type — but it reminds you that Renko gives the cleanest signals, because the tuning assumes uniform bricks.

Why Renko?

Renko bricks are pure price movement — each brick is the same size, and time is ignored. That strips the small-bar noise that makes band indicators twitch on time charts, so touches and reversals at the bands read far more cleanly.

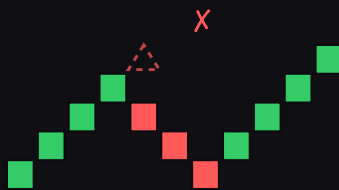
Signals that never repaint

The trigger is simple and mechanical: price runs to a band and the near-band threshold registers a touch; the next brick **reverses and closes back inside** the channel. At that close, a **Buy** (lower band) or **Sell** (upper band) signal prints — and locks permanently.

The architectural separation

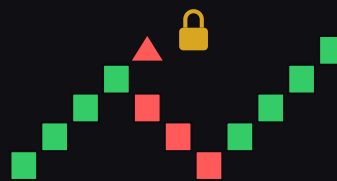
Most TMA-based tools have one layer, so when the average recalculates, past arrows shift or vanish — the chart's history quietly rewrites itself. Renko Band Pro splits the job in two: the **visual bands** keep smoothing and adapting with price, the way a TMA is designed to, while the **signal layer** is computed once, on bar close, and never touched again. Beautiful bands, honest arrows.

TYPICAL TMA REPAINTER



the arrow you traded moved — then disappeared

TS_RENKO_BAND_PRO — LOCKED



printed on close — still there, exactly where it fired

The same reversal, two philosophies. Renko Band Pro's signal layer is separated from the adaptive bands, so history never rewrites itself.

Why repainting matters

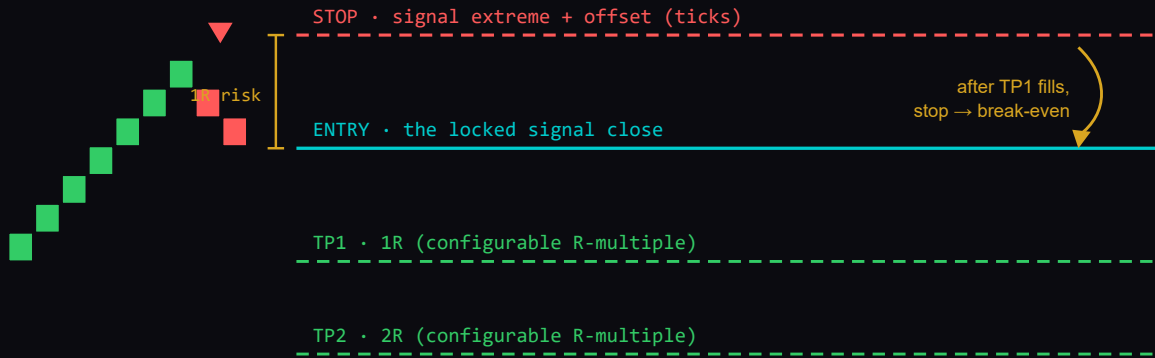
A repainting arrow makes every screenshot look perfect and every live trade a surprise. Locked signals mean the chart you review is the chart you traded — and the backtest panel is scored on those same locked signals.

Alerts on every signal

Each Buy / Sell fires a sound and an on-chart alert the moment it locks, so you can watch the DOM — or another chart — instead of staring at the bands.

The auto-drawn trade plan

When enabled, every signal projects a complete plan onto the chart: an **Entry** at the signal close, a **Stop** a configurable number of ticks beyond the signal extreme, and two targets — **TP1** and **TP2** — at configurable R-multiples of that risk. Each line is labelled with its tick distance and R-multiple, so there is no mental maths at the hard right edge.



A sell-side plan. Risk (entry to stop) defines 1R; TP1 and TP2 are projected as multiples of it. Distances in ticks and R print on the labels.

Break-even after TP1

With **Break-Even After TP1** on, the moment TP1 is hit the stop moves to the entry price — the virtual trade can no longer resolve as a full loss, and the panel scores it accordingly.

Cancel on opposite signal

If a fresh signal fires the other way while a plan is still open, the old plan is cancelled automatically. The market has invalidated the idea — the chart should say so too.

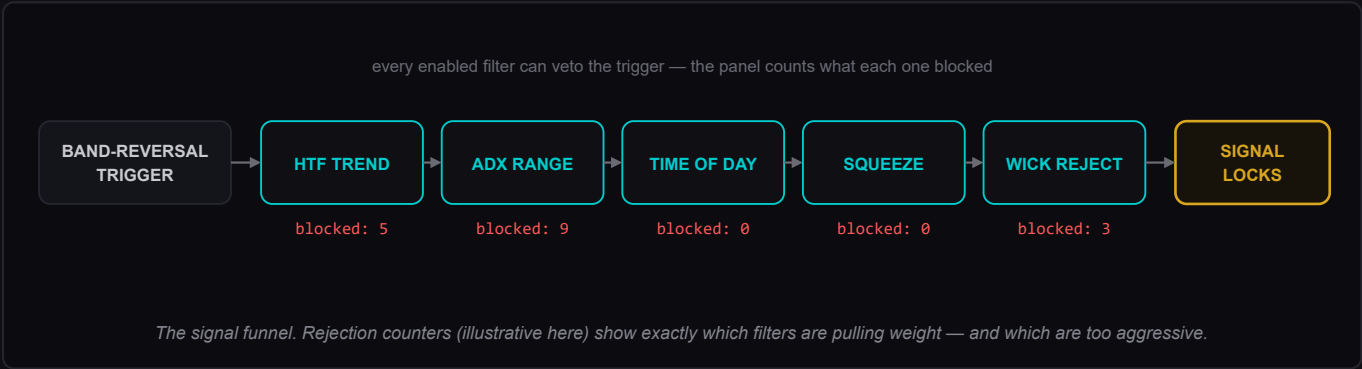
The plan is a projection, not an order

These lines are drawings. The indicator places no orders and manages no positions — the plan shows you the geometry of the trade so you can execute it (or skip it) deliberately.

The five power filters

Raw band-reversal triggers fire in good conditions and bad. Five optional filters stand between the trigger and the printed signal — each one can veto. Use any combination to dial in signal quality for your specific market.

Filter	The question it asks	What it skips
HTF Trend	Does the higher-timeframe trend agree with this signal's direction?	Counter-trend fades against a dominant move.
ADX	Is trend strength inside the rotational sweet spot?	Dead chop below it — and runaway trends above it.
Time of Day	Is this a session window you actually want to trade?	Auction windows and news periods.
Band Squeeze	Is there enough band width for the move to pay?	Dead-volatility chop while the bands are compressed.
Wick Rejection	Did the reversal bar truly reject the band?	Weak turns with no rejection wick behind them.



Filter recipes — starting points

Condition	A sensible combination
Trending session	HTF Trend + Wick Rejection — fade only with the dominant flow, and only on a real rejection.
Rotational day	ADX + Band Squeeze — trade the sweet spot, skip compressed dead zones.
News-heavy day	Time of Day + Wick Rejection — carve out the windows you trust; demand proof at the band.

Filters are subtractive — they only remove triggers, never add them. Watch the rejection counters for a session before judging a combination: a filter blocking nothing is idle; one blocking almost everything is starving you.

The backtest panel

Every historical signal on the loaded chart is scored as a **virtual trade** against its own plan — entry, stop, targets, break-even rule and all. The panel computes the results live from the actual indicator's signals on *your* chart and *your* settings, with a commission-per-side input so the figures reflect costs rather than gross moves.

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TS_RenkoBand_Pro v1.0

LICENSE

License: ✓ LICENSED · 1/2

CHART

Bars: RENKO ✓

Last signal: SELL · locked

BACKTEST (this chart)

Trades: 38

Win rate: 52%

Profit factor: 1.21

Expectancy / DD: +0.08R / -6.4R

Streak · Blocked: W2 · 17

- Licence & activation state (used / allowed shown live)
- Current bar state — Renko detected, or a tuning tip if not
- The last locked signal and its direction
- Virtual trades resolved on the loaded data
- Win rate, profit factor, expectancy, max drawdown — after commission
- Current win / loss streak
- Total signals blocked by the filters

Illustrative values — the panel recomputes from the signals on your own chart, your settings and your commission.

The result bars — an equity curve at a glance

Below the price action, every closed virtual trade prints a vertical bar — **green** for a winner, **red** for a loser. Clusters of red tell you the current regime is not paying this setup; you can see it directly on the chart, without opening a report.

The backtest panel

Set commission honestly

Statistics that ignore costs flatter every system. Enter your real **Commission Per Side** — the panel's figures are only as honest as that number.

Observation, not forecast

The panel describes what the loaded data did with your current settings. It is a measurement of the past, not a promise about the future — use it to compare settings and instruments, never as a guarantee.

Settings reference

Every option, grouped as it appears in the NinjaTrader indicator dialog. Defaults shown as — are the shipped values, tuned for index-futures Renko scalping (NQ, ES, MNQ, MES, YM, RTY) — Section 04 explains how to retune them for your brick size.

0. About & 0A. License

Option	Default	What it does
Website	tradersuite.online	Displayed on the panel. Informational.
Show Logo	On	Show the TraderSuite crest at the top of the panel.
Show Panel	On	Master toggle for the statistics panel.
License Key	(empty)	Your key. Leave empty for a 7-day trial. Masked as *** for privacy.

1. Bands

Option	Default	What it does
Half Length	—	Half-length of the triangular moving average that forms the centre line. Shorter = tighter, faster channel; longer = smoother, slower.
ATR Band Multiplier	—	How many ATRs wide the bands sit from the centre. With Half Length, this decides how often price reaches a band.
Near-Band %	—	How close to a band counts as a touch, as a percentage of the channel.

2. Filters

Option	Default	What it does
HTF Trend Filter	Off	Only allow signals that agree with the higher-timeframe trend direction.
ADX Filter	Off	Only allow signals while ADX is inside the rotational sweet spot — skips dead chop and runaway trends.
Time-of-Day Filter	Off	Restrict signals to your chosen session windows; skip auction windows and news periods.
Band Squeeze Filter	Off	Suppress signals while the bands are compressed in dead-volatility chop.
Wick Rejection Filter	Off	Require a true rejection candle at the band before a signal can print.

Trade plan, statistics & alerts

3. Trade Plan

Option	Default	What it does
Show Trade Plan	On	Draw Entry / Stop / TP1 / TP2 lines with tick and R distances on every signal.
Stop Offset (Ticks)	—	How many ticks beyond the signal extreme the stop line sits.
TP1 Target (R)	—	First target, as an R-multiple of the entry-to-stop risk.
TP2 Target (R)	—	Second target, as an R-multiple of the entry-to-stop risk.
Break-Even After TP1	On	Move the stop to the entry price once TP1 is hit.
Cancel On Opposite Signal	On	Cancel an open plan automatically when a signal fires the other way.

4. Statistics

Option	Default	What it does
Show Trade-Result Bars	On	Print the green/red outcome bars below the price action.
Commission Per Side	0.00	Cost applied to each side of every virtual trade, so the panel's figures reflect reality.

5. Alerts

Option	Default	What it does
Enable Alerts	On	Master switch for signal alerts.
Sound Alerts	On	Play a sound when a Buy or Sell signal locks.
On-Chart Alerts	On	Show an on-chart notification when a signal locks.

Strategy Builder series

Five series are exposed to NinjaTrader's Strategy Builder, so you can build a fully automated strategy on top of the indicator — one that places orders only under your configuration.

Series	What it carries
Sig_Buy	Fires on the bar a Buy signal locks — use as a long-entry condition.
Sig_Sell	Fires on the bar a Sell signal locks — use as a short-entry condition.
TMA_Upper	The upper band value, bar by bar.
TMA_Lower	The lower band value, bar by bar.
TMA_Center	The centre (TMA) value, bar by bar.

Licensing & activation

The indicator validates once, then caches for 24 hours and keeps working through a 7-day offline grace period — so a brief internet drop never interrupts your session.

Getting started

- 1 Add **TS_RenkoBand_Pro** to your chart (Indicators dialog → TraderSuite folder).
- 2 Open its settings and find the **0A. License** group.
- 3 Paste your **License Key** — or leave it empty to start an automatic 7-day trial.
- 4 Click OK. The panel's **License** line confirms your status.

License states you may see

Panel shows	Meaning
✓ LICENSED	Valid product licence, activated on this machine.
✓ MEMBER	Active membership licence.
✓ ADMIN	Administrator master key (support / testing).
TRIAL (Xd left)	Free trial, days remaining shown.
OFFLINE MODE	Server unreachable; running on the offline grace period.
✗ message	Attention needed — invalid key, max activations, expired, or internet required.

Activations

A product licence activates on a limited number of machines (shown as **used / max** on the panel) — 2 activations per licence, or 5 with Pro Membership. Need to move machines? Deactivate the old one from your account, then activate the new one.

Trading with it — a workflow

A simple, repeatable way to use the tool. This is an educational framework, **not financial advice** — always apply your own plan and risk limits.

- 1 **Confirm the chart.** The panel should read **RENKO** ✓. Match **Half Length** and the **ATR Band Multiplier** to your brick size rather than leaving defaults.
- 2 **Set commission first.** Enter your real per-side cost before judging anything the panel tells you.
- 3 **Let the signal lock.** A signal exists only at bar close. If an arrow has printed, it is final — there is nothing to second-guess about whether it will "stay".
- 4 **Check the filter story.** If your filters passed it, the setup already cleared trend, ADX, time, squeeze or wick tests you chose. Glance at the rejection counters to see what is being screened out.
- 5 **Trade the drawn plan.** Entry at the signal close, stop beyond the extreme, TP1 / TP2 at your R-multiples — the distances are printed on the lines. If the geometry does not fit your risk, skip it.
- 6 **Manage by the rules.** After TP1, the stop moves to break-even (if enabled). If an opposite signal fires, the plan cancels — respect that; the market has changed its mind.
- 7 **Review the panel weekly.** Win rate, profit factor, expectancy and drawdown on *your* instrument and settings — treat it as an observation of the loaded data, and retune deliberately.

Confluence is king

The strongest setups are where several checks agree — a clean band touch, a true rejection wick, the higher-timeframe trend on your side, and a panel that shows the setup has been paying on this chart.

Avoid

Running Renko-tuned settings on time bars, judging results with commission at zero, holding a plan after an opposite signal cancelled it, or switching off every filter in chop.

What this indicator is not

Being clear about limits is part of being useful. Renko Band Pro is an analytical charting tool — here is what it does **not** do, on purpose.

- **It is not a signal service.** Its arrows are mechanical band-reversal events under your settings and filters — not trade recommendations. The decision, and the responsibility, stay with you.
- **It does not predict the future.** A band touch marks stretch, not certainty. Any signal can fail — the red result bars on your own chart are proof of that.
- **It does not promise profits.** The backtest panel measures what the loaded chart did with your settings. Past figures — on any chart — do not guarantee future results.
- **It is not an automated strategy by itself.** The indicator places no orders. Its **Sig_Buy** / **Sig_Sell** series are exposed to the Strategy Builder so *you* can build a strategy that places orders — only under your configuration and your risk settings.
- **It is not financial advice.** Everything in this guide is educational. Consult a qualified professional before making investment decisions.

Risk disclosure

Trading futures, foreign exchange 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. Hypothetical or simulated examples in this guide have inherent limitations and do not represent actual trading. Validate any system in simulation before committing live capital.

What it is

A disciplined way to trade band extremes on Renko — honest signals that lock when they fire, a plan drawn for every one, filters that show their work, and a running scorecard that keeps you honest with yourself.

Troubleshooting & FAQ

► The indicator doesn't appear in the Indicators list

Check the import finished without errors (Tools → Import → NinjaScript Add-On), then restart NinjaTrader. It lives in the **TraderSuite** folder of the Indicators dialog, not the top level.

► Compilation error after import

Delete any older copy of the file first, then re-import so NinjaTrader compiles a single clean version.

► Panel says X Internet required

The first validation of a new key needs a connection. Once validated it caches for 24 hours and rides a 7-day offline grace period after that.

► Panel says X Max activations reached

Your key is active on its maximum number of machines (2 per licence; 5 with Pro Membership). Deactivate an old machine from your account dashboard, then activate this one.

► A message says I'm not on a Renko chart

That is the Renko detection reminding you the tool is tuned for bricks. It still runs on every bar type — but signals are cleanest on Renko, so the tip stays until you switch or dismiss it.

► Very few (or no) signals are printing

Two usual causes: the channel is too wide for your brick size — lower the **ATR Band Multiplier** or **Half Length**, or raise **Near-Band %** — or your filters are vetoing triggers. The panel's rejection counters tell you exactly which filter is blocking what.

► The bands moved but the arrow didn't — is that a bug?

No — that is the design. The visual bands keep adapting with price; signals are computed once, at bar close, and lock permanently. What you see is what you would have traded.

► The backtest numbers look too good

Check **Commission Per Side** is set to your real cost — figures with zero commission flatter every system. And remember the panel describes the loaded data only; it is not a forecast.

► My trade plan lines disappeared

Most likely an opposite signal fired and **Cancel On Opposite Signal** removed the stale plan — by design, so the chart never shows an idea the market has already invalidated.

► Can I automate it?

Yes — **Sig_Buy**, **Sig_Sell** and the three band series are exposed to NinjaTrader's Strategy Builder, so you can build a strategy around them that places orders under your own configuration.

Still stuck?

Email completetradersuite@gmail.com with your NinjaTrader version, the indicator version from the panel, and a screenshot. The TraderSuite Team will get you running. Licence holders can also join the Discord community for support.

Changelog

What changed in each release. Update through your account download page — import the new zip over the old version (delete the old file if NinjaTrader reports a duplicate). Free updates for life, including new filters and features as they are released.

Version	Notes
v1.0.0	Current build — initial release. TMA bands with ATR-dynamic width, non-repainting Buy/Sell signals at band extremes, auto-drawn Entry / Stop / TP1 / TP2 trade plan, five quality filters with rejection counters, trade-result bars, and the live backtest statistics panel with commission-aware metrics.

Staying current

Licence holders get every update free. The panel shows your installed version; compare it with the version on the product page whenever you like.



TraderSuite

Thank you for trading with Renko Band Pro. For the latest build, video walkthroughs and support, visit us online.

Web tradersuite.online

Email completetradersuite@gmail.com