SIT-Bollinger Dual Direction Buy/Sell Indicator R1: Settings Guide

For informational purposes only. Not trading advice. Always test settings in simulation first. See the full disclaimer at the end.

How to use this guide

This guide explains what each setting in the SIT-Bollinger Dual Direction Buy/Sell Indicator R1 does, in plain language. The indicator draws Bollinger Bands and BOT BUY, BOT SELL, BOT EXIT, BOT STOP and BOT FLAT markers on your chart. **It does not place trades.** It does not tell you what to set or when to trade; those decisions are yours.

- **Where to find the settings:** in NinjaTrader, right-click your chart, choose **Indicators**, select the SIT-Bollinger Dual Direction Buy/Sell Indicator R1, and look at the settings list on the right.
- **Sections are numbered** in the same order you see them in NinjaTrader, from 1. Signal Settings down to 9a. Filter - Band Width.
- **Default** means the value the indicator comes with. A default is only a starting point, not a recommendation.
- **Filters** are near the bottom and are all off by default.
- **Change one setting at a time,** then test it in simulation, so you can see what that one change does.

Note on NinjaTrader's own settings: NinjaTrader also shows its own standard settings for every indicator (such as Calculate, Input series and Visual). These belong to NinjaTrader. This indicator is made to run on **Calculate: On each tick**, so band exits and reversals can show the moment price touches a band.

About the markers: after each signal, the indicator follows a pretend trade the way a bot would, and shows where it would end: BOT EXIT, BOT STOP or BOT FLAT. No orders are placed.

1. Signal Settings

Setting	Default	What it does
Confirmation Candles	1	0 = signal the moment price crosses the center line. 1–3 = wait for that many candles to close on that side of the center line. A higher number waits longer: fewer false signals may get through, but signals come later. Band exits and reversals are always instant.
Enable Longs	On	Shows BOT BUY signals. Uncheck to see SELL signals only.
Enable Shorts	On	Shows BOT SELL signals. Uncheck to see BUY signals only.

1a. Flatten Time (Prop Firms)

Setting	Default	What it does
Enable Flatten Time	On	At the Flatten Time, shows BOT FLAT for any open signal and shows no new signals until the Resume Time.
Flatten Time (HHMM NY)	1600 (4:00 PM New York)	The time BOT FLAT shows.
Resume Time (HHMM NY)	2000 (8:00 PM New York)	The time new signals can show again.

- All times are New York time, typed as 24-hour HHMM. Daylight saving time is handled automatically.

2. Bollinger Bands

These are the indicator's own signal settings. Signals come from price crossing the center line, and the bands are used for exits.

Setting	Default	What it does
Bollinger Period	20	The number of candles used for the center line and bands. A lower number reacts faster; a higher number is smoother and slower.
Standard Deviations Per Band	1.0	How far apart the bands are. Band 1 = this many standard deviations from the center line, Band 2 = twice that, Band 3 = three times, Band 4 = four times. A larger number gives wider bands.
Use EMA Center Line	Off	Off = a simple moving average center line (standard Bollinger). On = an exponential moving average, which reacts faster to recent candles.
Exit Band (1-4)	2	The band where a signal exits the moment price touches it. A lower band exits sooner with smaller moves; a higher band gives more room.
Exit on Center Line Cross	On	Shows BOT EXIT if candles close back across the center line against the signal (using Confirmation Candles, minimum 1), then the new signal the other way. Does not affect reverse signals.

2a. Reverse Trade

Optional signals the other way when price reaches the Exit Band. Off by default.

Setting	Default	What it does
Enable Reverse Trade	Off	When on, touching the Exit Band shows the opposite BOT BUY or BOT SELL.
Reversal Exit at Center Line	On	The reverse signal exits at the center line.
Reversal Exit at Opposite Band	Off	The reverse signal exits at the opposite band instead. Check only one of these two; if both are checked, the center line is used.

Setting	Default	What it does
Opposite Band (1-4)	2	Which opposite band is used, when that exit is chosen.
Reversal Needs Close Back Inside Band	On	The reverse signal waits for a candle to close back inside the Exit Band, instead of reversing on the touch. If price keeps riding the band, no reversal.
Reversal Wait (candles)	3	How many candles (counting the touch candle) to wait for that close back inside. After that, the reversal is skipped.
Skip Reversals When Bands Widening	On	No reverse signal while the bands are opening up fast.
Widening Lookback (candles) / Widening (% wider)	3 / 15	Bands count as widening when they are at least this much wider than they were this many candles ago.
Skip Reversals When Slope Too Steep	Off	No reverse signal against a center line that is sloping steeply.
Max Slope for Reversals (degrees)	20	How steep is too steep, when the setting above is on.

2b. Band Lines

These settings are display only and do not change the signals.

Setting	Default	What it does
Show Center Line / Color / Thickness	On, Blue, 2	How the center line looks.
Show Band 1 / Color / Thickness	On, Gray, 1	How Band 1 looks.
Show Band 2 / Color / Thickness	On, Orange, 1	How Band 2 looks.
Show Band 3 / Color / Thickness	On, Purple, 1	How Band 3 looks.
Show Band 4 / Color / Thickness	On, Red, 1	How Band 4 looks.

2c. Center Line Pullbacks

Setting	Default	What it does
Enable Center Line Pullbacks	On	In a trend, when price pulls back to the center line and closes back away from it, a signal shows in the trend's direction. Uses the normal center-line filters.
Pullback Touch Distance (ticks)	2	How close the pullback candle must come to the center line. A larger number counts more near-touches.
Pullback Minimum Slope (degrees)	5	How much the center line must slope in the trend's direction. A higher number asks for a stronger trend.

3. Stop Loss

Used **only to place the BOT STOP marker.** No order is placed.

Setting	Default	What it does
Enable Stop Loss	On	Shows BOT STOP when price moves the set number of points against the signal, so the markers stay in step with the bot.
Stop Loss (points)	12	How far against the signal before BOT STOP shows.

4. Chart Markers

These settings control how the BOT BUY and BOT SELL markers look. They are display only.

Setting	Default	What it does
Show Arrows	On	Shows an arrow at each signal.
Show BUY/SELL Text	On	Shows the words BOT BUY or BOT SELL.

Setting	Default	What it does
Auto Spacing	On	Keeps the text from overlapping the arrow.
Arrow Size / Text Size	22 / 14	How big the arrows and words are.
Arrow Offset (ticks) / Text Offset (ticks)	4 / 16 ticks	How far above or below the candle the arrow and words sit. A larger Text Offset moves SELL higher and BUY lower.
Marker Gap (ticks)	8 ticks	The smallest gap between the arrow and the text when Auto Spacing is on.
Buy Color / Sell Color	Green / Red	The marker colors.

4a. Exit Markers

Setting	Default	What it does
Show Exit Markers	On	Shows BOT EXIT, BOT STOP or BOT FLAT where each signal ends. Not shown on a reversal; the new BUY or SELL marks it.
Exit Color	Gold	BOT EXIT: band, center line or opposite band exit.
Stop Color	Gray	BOT STOP: Stop Loss reached.
Flatten Color	Gray	BOT FLAT: Flatten Time.
Exit Arrow Size / Exit Text Size	22 / 14	How big the exit arrows and words are.
Exit Arrow Offset (ticks) / Exit Text Offset (ticks)	4 / 16	How far from the candle the exit arrows and words sit.

4b. Alerts

Setting	Default	What it does
Enable Sound Alerts	Off	Plays a sound and shows an alert on live BOT BUY, BOT SELL, BOT EXIT, BOT STOP and BOT FLAT signals.

6–9a. Filters

Filters decide which center-line signals the indicator shows. They only block **new signals**, never exits, and most do not block reverse signals. All filters are off by default, and you can use any of them alone or together.

In general, the more filters you turn on, and the stricter you set them, the fewer signals you will see. Fewer signals is not automatically better or worse.

6. Filter - Slope

Setting	Default	What it does
Enable Slope Filter	Off	When on, center-line BUYs only show when the center line slopes up enough, and SELLs only when it slopes down enough. Does not block reversals.
Long Minimum Slope (degrees)	10°	How steep the upward slope must be for a BUY.
Short Minimum Slope (degrees)	10°	How steep the downward slope must be for a SELL.
Slope Lookback Bars	3	How many candles back the slope is measured over.

6a. Filter - Trend

Setting	Default	What it does
Enable Trend Filter	Off	When on, center-line BUYs only show above the Trend EMA and SELLs only below it. Does not block reverse signals.
Trend EMA Period	50	The length of the Trend EMA. A longer period follows the bigger trend.

7. Filter - ADX

ADX (Average Directional Index) is a common indicator that measures **how strong** a trend is, not which direction it is going.

Setting	Default	What it does
Enable ADX Filter	Off	Turns the filter on or off.
ADX Period	14	How many candles ADX is calculated over.
ADX Minimum	12	New signals only show when ADX is at or above this number. A higher minimum usually means fewer signals.

8. Filter - Cooldown

Setting	Default	What it does
Enable Cooldown	Off	When on, after a signal ends, waits the set minutes before a new center-line signal. Does not block reversals.
Cooldown (minutes)	5	How long to wait. Can be set from 1 to 1,440 minutes.

9. Filter - Sessions (New York Time)

Setting	Default	What it does
Enable Session Filter	Off	When off, signals show in all sessions. When on, they only show during the sessions you check below.
Asian Session / Asian Start / Asian End (HHMM NY)	On, 2000 – 300 (8:00 PM – 3:00 AM)	Allows signals during the Asian session.
London Session / London Start / London End (HHMM NY)	On, 300 – 930 (3:00 AM – 9:30 AM)	Allows signals during the London session.
New York Session / New York Start / New York End (HHMM NY)	On, 930 – 1600 (9:30 AM – 4:00 PM)	Allows signals during the New York session.

- Times are typed as 24-hour HHMM in New York time (for example, 2000 = 8:00 PM). Daylight saving time is handled automatically, and sessions that cross midnight are handled too.

9a. Filter - Band Width

Setting	Default	What it does
Enable Band Width Filter	Off	When on, skips center-line signals when the Exit Band is too close to the center line (bands squeezed tight). Does not block reversals.
Minimum Distance to Exit Band (points)	8	How far the Exit Band must be from the center line for a signal to show. A higher number skips more tight-band signals.

Important reminders

- **Signals are information, not instructions.** A BOT BUY, BOT SELL or exit marker shows that the indicator's conditions were met. It is not a recommendation to trade.

- **You make every trading decision.** The indicator places no orders and does not manage any trade.
- **Test every change in simulation first.** Market conditions change, so settings that work well in one period may not work as well in another.
- **Markers on past candles** show where conditions were met as those candles formed. Live signals can form during a candle.

Disclaimer

This guide is for informational and educational purposes only. It explains what each setting does. It is not trading, investment or financial advice, and it does not recommend any setting, market or strategy. Default settings are starting points only, not recommendations.

Trading futures and other financial instruments involves substantial risk of loss and is not suitable for every investor. You can lose more than your initial investment. Past performance, whether real or simulated, does not guarantee future results. Simulated and backtested results have limitations and may not reflect real trading conditions such as slippage, commission, liquidity and execution delays.

You are solely responsible for your settings, your trades, managing your open positions, and following the rules of your broker or prop firm. SIT Trading Systems is not responsible for any trading losses, rule violations or account closures, or for losses caused by software errors, malfunctions or defects, connection problems, or platform issues. Always test in simulation before trading with real money, and only trade with money you can afford to lose.