SIT-Support & Resistance Zones Buy/Sell Indicator R2: 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-Support & Resistance Zones Buy/Sell Indicator R2 does, in plain language. The indicator draws support and resistance zones and BUY and SELL 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-Support & Resistance Zones Buy/Sell Indicator R2, and look at the settings list on the right.
- **Sections are numbered** in the same order you see them in NinjaTrader, from 1. Zone Detection down to 7. Appearance.
- **Default** means the value the indicator comes with. A default is only a starting point, not a recommendation.
- **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 works on completed candles, so a marker appears once the candle closes.

1. Zone Detection

These settings decide where zones are drawn. A zone forms where price has turned away more than once.

Setting	Default	What it does
Swing Strength	3	How many candles on each side a swing high or low must beat to count as a turn. A higher number finds fewer, bigger turns.
Minimum Touches	2	How many turns are needed before a zone is shown. A higher number shows fewer, stronger zones.
Lookback Bars	500	Zones with no activity for this many candles are removed.
Zone Width Mode	ATR	ATR = zone width adjusts to how much price is moving, so it fits any instrument or timeframe. Ticks = a fixed width.
ATR Period	14	How many candles are used to measure price movement (ATR).
ATR Multiplier (zone width)	0.5	Zone width = ATR × this number. A larger number gives wider zones.
Width in Ticks	8	The fixed zone width, used only when Zone Width Mode = Ticks.

2. Zone Types

Setting	Default	What it does
Show Resistance Zones	On	Shows zones above price.
Show Support Zones	On	Shows zones below price.

3. Signals

These settings control the BUY and SELL signals. By default, the indicator gives **breakout signals**: BUY when a candle closes above the top of a zone, SELL when a candle closes below the bottom of a zone.

Setting	Default	What it does
Show BUY/SELL Signals	On	Shows the BUY and SELL markers. Off = zones only.
Retests Required	2	For bounce signals: how many times a zone must have been tested before it can give a signal.
Signals on Flipped Zones	On	For bounce signals: lets zones that changed from support to resistance (or the other way) give signals.
Flipped Zone Retests Required	0	For bounce signals: retests a flipped zone needs before it can give a signal. 0 = the first retest.
Signal Confirmation Candles	1	For bounce signals: candles that must close back away from the zone before a signal.
One Signal Per Zone Visit	On	For bounce signals: after a signal, the zone can't signal again until price moves away and comes back.
Leave Distance (zone heights)	1.0	For bounce signals: how far price must move away from a zone before a new visit counts.
Alert Sound on Signal	Off	Plays a sound on live signals.
BUY Color / SELL Color	Green / Red	The marker colors.
Arrow Distance (ticks)	4	How far the arrow sits from the candle.
Show Signal Text	On	Shows the word BUY or SELL next to the arrow.
Signal Text Distance (pixels)	20	How far the word sits from the arrow. Stays the same at any zoom.
Signal Text Font	Arial, 12	The font and size of the words.
One Signal At A Time	On	Only one signal is active at a time: no repeat BUYs while a BUY is active, and no repeat SELLs while a SELL is active.

Setting	Default	What it does
Breakout Confirmation Candles	1	For breakout signals: candles after the break that must also close past the zone. 0 = signal on the close of the break candle. A close back inside the zone cancels it.
Breakout Signals Only	On	On = breakout signals only; bounces off zones give no signals. Off = the indicator gives bounce signals instead, using the bounce settings above.

- With Breakout Signals Only on (the default), the settings marked "for bounce signals" have no effect.

4. Signal Filters

These filters work on **bounce signals**, so they only matter when Breakout Signals Only (section 3) is unchecked. They only block new signals.

Setting	Default	What it does
Use Cooldown	On	After a BUY, no new BUY for the number of candles below (same for SELL). A BUY never blocks a SELL.
Cooldown Candles	6	How many candles the cooldown lasts.
Use Room to Move Filter	Off	Skips a BUY if resistance is too close above, or a SELL if support is too close below.
Minimum Room (x ATR)	1.5	The smallest distance to the opposite zone, measured in ATRs so it fits any chart.
Use Break of Structure	Off	A signal opposite to the last one only shows after a candle closes past the last swing high (BUY) or swing low (SELL).
BOS Confirmation Candles	1	Candles after the break that must stay past the swing point before the signal. 0 = signal on the break candle.
Show BOS Line & Label	On	Draws a small dashed line and "BOS" label at the broken swing point. Display only.

Setting	Default	What it does
Use Trend Filter	Off	BUY only when price closes above the Trend EMA; SELL only when it closes below.
Trend EMA Period	50	The moving average used by the Trend Filter.

5. Taken Rules

These settings decide when a zone counts as **taken** (price has gone through it) and what happens next.

Setting	Default	What it does
Taken Mode	CandleClose	CandleClose = candles must close beyond the zone. AnyPriceBeyond = taken as soon as price trades beyond it.
Candles to Confirm Taken	1	How many closes in a row beyond the zone are needed (CandleClose mode).
After Taken	Flip	Flip = the zone switches role (support becomes resistance, or the other way) and turns gray if taken again. Fade = turns gray. Remove = disappears.

6. Merge & Cleanup

Setting	Default	What it does
Merge Nearby Zones	On	Combines zones of the same type that overlap or sit very close together.
Merge Gap (% of zone width)	50	Zones closer than this are merged. 0 = only overlapping zones.
Max Merged Size (zone heights)	2.0	Nearby zones only merge if the result stays within this size. Overlapping zones always merge.

Setting	Default	What it does
Max Zones Shown	10	The most zones shown at once. Oldest gray zones are removed first, then oldest active zones.
Remove Faded Zones After Bars / Faded Zone Bars	On / 50	Removes gray (taken) zones after this many candles.

7. Appearance

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

Setting	Default	What it does
Resistance Color / Support Color / Taken (Faded) Color	Red / Green / Gray	The zone colors.
Fill Opacity (%)	25	How solid the zone shading is.
Show Border / Border Width	On / 1	Draws an outline around each zone.
Show Center Line	Off	Draws a line through the middle of each zone.
Show Labels	On	Shows a label on each zone (for example, Support · Untaken · 3 touches).
Show Labels on Taken Zones	Off	Also shows labels on gray (taken) zones.
Label Font	Arial, 11	The font and size of the zone labels.

Important reminders

- **Signals are information, not instructions.** A BUY or SELL 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.
- **Zones and markers on past candles** show where conditions were met after those candles closed. Zones can change as new candles form.

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.

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