SIT-EMA Open Close Crossover 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-EMA Open Close Crossover Buy/Sell Indicator R2 does, in plain language. The indicator only draws BUY and SELL markers, two lines and shading 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-EMA Open Close Crossover 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. EMA Settings down to 8. Filter - Sessions.
- **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, Visual and Plots). These belong to NinjaTrader. Two worth knowing:

- **Calculate:** this indicator is made to run on **On bar close**, so a marker appears once the candle closes.
- **Plots:** the colors and thickness of the Close EMA and Open EMA lines are set in NinjaTrader's Plots section.

1. EMA Settings

These are the indicator's own signal settings. The indicator compares a moving average of candle closes with a moving average of candle opens.

Setting	Default	What it does
Close EMA Period	10	The number of candles in the moving average of closes. A lower number reacts faster but gives more signals, including more false ones.
Open EMA Period	10	The number of candles in the moving average of opens. A higher number reacts more slowly and gives fewer signals.

- If you also run the SIT-EMA Open Close Crossover Trading Bot on the same chart, use the same settings on both so the markers line up.

2. Signals

Setting	Default	What it does
Confirmation Candles	0	How many candles must close after a cross before a signal shows (0 to 3). 0 = signal on the crossover candle. A higher number waits longer: fewer false signals may get through, but signals come later.

Note on Confirmation Candles: The signal must still be valid after the confirmation candles close. If the lines cross back first, no signal shows.

3. Chart Markers

These settings control how the BUY and SELL markers look. They are display only and do not change when a signal happens.

Setting	Default	What it does
Show Arrows	On	Shows an arrow at each signal.

Setting	Default	What it does
Show BUY/SELL Text	On	Shows the word BUY or SELL at each signal.
Auto Spacing	On	Keeps the BUY/SELL 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 Arrow Color / Sell Arrow Color	Green / Red	The arrow colors.
Buy Text Color / Sell Text Color	Green / Red	The text colors.

4. Shading

Setting	Default	What it does
Shade Between Lines	On	Shades the space between the two lines. Display only.
Bullish Shade Color / Bearish Shade Color	Green / Red	The shading colors when the Close EMA is above or below the Open EMA.
Shade Opacity (%)	20	How solid the shading is. 0 = invisible, 100 = solid.

5–8. Filters

Filters decide which signals the indicator shows. They only block **new 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.

5. Filter - Slope

Checks how steeply a moving average is rising or falling before showing a signal. BUY signals need an upward slope; SELL signals need a downward slope. If the slope isn't steep enough yet, the indicator keeps the signal and waits, unless the lines cross back first.

Setting	Default	What it does
Enable Slope Filter	Off	Turns the filter on or off.
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.
Slope Source	CloseEMA	Which line is measured: the Close EMA (CloseEMA), the Open EMA (OpenEMA), or the average of both (AverageOfBoth).

- **Higher degrees:** requires a steeper trend, so you'll usually see fewer signals and skip more flat, sideways markets.
- **Lower degrees:** allows flatter moves, so you'll usually see more signals.
- The degree number depends on the instrument and chart timeframe, so the same setting can act differently on different charts.

6. 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.

Setting	Default	What it does
ADX Period	14	How many candles ADX is calculated over.
ADX Minimum	12	Signals only show when ADX is at or above this number.

- **Higher minimum:** signals only show when the trend reads stronger, so you'll usually see fewer signals.
- **Lower minimum:** allows signals in weaker trends, so you'll usually see more signals.

7. Filter - Cooldown

Setting	Default	What it does
Enable Cooldown	Off	Turns the filter on or off.
Cooldown (minutes)	5	After a signal, how long to wait before the next signal can show. Can be set from 1 to 1,440 minutes.

8. Filter - Sessions (New York Time)

Lets you choose which trading sessions signals may show in.

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.
- If the Session Filter is on but all three sessions are unchecked, no signals will show.

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.
- **Markers on past candles** show where conditions were met after those candles closed. Live signals form one candle at a time.

Disclaimer

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