

Kinetic Conduit – Strategy Tracker v3.26 –

Settings reference

The tracker replays the signals of the **Kinetic Conduit** indicator as a simple trading strategy and shows the result (trades, profit in pips, position, win rate) in a panel on the chart, with entry/exit markers and alerts.

Signal indicator

Setting	Default	Description
Instance id	1	Name tag of this copy. It is used for the names of the panel/marker objects and for the saved "start time" of the live count. Use a different id for each copy of the tracker on the same chart or on different symbols, so they don't overwrite each other.

Signal settings

Setting	Default	Description
MA period	14	Period of the moving average used by the signal.
ATR period	14	Period of the ATR used by the signal.
Price	PRICE_CLOSE	Price the moving average is applied to.
Mean reversion or Trend	Mean reversion	Mean reversion: buy below the MA, sell above. Trend following: buy above the MA, sell below.
Inverse signals	false	Swaps every signal (buy becomes sell and the other way round).
Ignore signals on bars opening at 00:00	true	Signals (entries and exits) are ignored on candles that open at 00:00 (server time), typically to avoid the rollover spread.

Trend filter (long MA)

Setting	Default	Description
Use trend filter	false	Only entries that go with the trend are taken. Exits still use the unfiltered opposite signal, so a trade is closed by the opposite arrow even if that arrow would have been filtered out as an entry.
Trend MA period	200	Period of the simple moving average (of closes) that defines the trend.
Reverse	false	Reverses the filter (buys only below the trend MA, sells only above).

RSI filter

Setting	Default	Description
Use RSI filter	false	Switches the RSI filter of the signal indicator on.
RSI period	14	Period of the RSI.
RSI threshold	40.0	Level the RSI is compared with to accept or reject a signal.
Reverse RSI logic	false	Inverts the RSI condition.

Recent High/Low filter

Setting	Default	Description
Use recent high/low filter	false	Switches the recent high/low filter of the signal indicator on.

barsBack	50	Look-back window (in bars) used to find the recent high and low.
N	5	if a Highest High is detected during the last N bars, then disable Sell arrows. Opposite for buys.

Candle Bull/Bear filter

Setting	Default	Description
Use candle Bull/Bear filter	false	Accepts a signal only if the candle is bullish/bearish
Reverse candle logic	false	Inverts the candle condition.

Stretch filter

Setting	Default	Description
Use stretch filter	false	Only accepts signals when price is far enough from the MA.
Min distance from MA (x ATR)	0.5	Minimum distance between price and the MA, in multiples of the ATR.
Max distance (x ATR)	0.0	Maximum distance, in multiples of the ATR. 0 = no cap.

Trade simulation

Setting	Default	Description
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Count profits	Over the last N bars of history	From the moment the indicator is attached (live): counting starts when you attach the tracker (or press RESET) and keeps going. Over the last N bars of history: replays the history over the length set below.
History length in H1 bars	10000	Length of the replay, expressed in H1 bars. It is scaled to the chart timeframe so the duration stays the same (on H4 it is 4 times fewer bars, on M15 4 times more). Be careful that on smaller timeframes the number of bars available is usually lower than needed (they limit the number of bars available for performance).
Entry / exit price on signal	Open of the bar after the signal	Open of the next bar (realistic): trades are made at the open of the bar following the signal. Close of the signal bar: trades are made at the close of the bar that gave the signal.
Stop loss in pips	0	Fixed stop loss. 0 = off. If stop loss and take profit are both reachable on one bar, the stop loss counts first.
Take profit in pips	0	Fixed take profit. 0 = off.
Max bars in a trade	0	A trade is closed after this many bars. 0 = off.
Exit when price reaches MA1 + ATR1 x distance	false	Adds an exit at a level built from the MA and ATR of the last closed bar (MA1, ATR1).
MaExit ATR period	200	ATR period used for that level.
ATR distance (x ATR)	1.0	Distance of the level from the MA, in ATR multiples. Can be negative.

MA-level exit type	Target	Target: a long exits when price rises to $MA + ATR \times distance$ (a short when it falls to $MA - ATR \times distance$). Stop: a long exits when price falls to $MA - ATR \times distance$ (a short when it rises to $MA + ATR \times distance$).
Stop and reverse	false	When a trade exits at the MA level, the opposite trade is opened at that same price, on the same bar (respecting the trend filter). The bar is followed along an assumed path (bullish bar: open, low, high, close; bearish bar: open, high, low, close), so several actions on one bar are processed in order.
Close only In Profits	false	When an opposite signal (reversal) appears and the open trade is not in profit at the reversal price, the trade is kept and the signal is stored instead of reversing. It is released as soon as a bar closes in profit versus the entry price (close and open the opposite trade at that close), without needing a new signal. Does not apply to MA-level exits, stop loss or take profit. A new signal in the same direction as the open trade cancels the stored one.
Close only In Profits (max num bars)	3	The waiting rule only applies if the trade was opened less than this many bars ago. When the trade reaches this age and is still not in profit, the stored reversal is made anyway at the open of that bar.
Cost per trade in pips	0.0	Spread/commission, subtracted from every closed trade.
Pip size in price units	0.0	Value of one pip in price. 0 = automatic (10 points on 3/5-digit symbols, otherwise 1 point).

Alerts

Setting	Default	Description
Alert prefix	Kinetic Conduit	Text added at the start of every alert.
Alert on entry	true	Alert when the simulated strategy opens a trade.
Alert on exit	true	Alert when it closes a trade (shows exit price, pips and reason).
Pop-up alert	true	Shows a pop-up window (the message is also written once in the Experts log). When off, the message is only printed in the log.
Sound	false	Plays a sound.
Sound file	alert.wav	Sound file to play (in the terminal's Sounds folder).
Push notification	true	Sends a notification to the MetaTrader mobile app (needs your MetaQuotes ID set in the terminal).
E-mail	false	Sends an e-mail (needs e-mail set up in the terminal).

Alerts are only sent for **new** events after the tracker has been loaded; the existing history never triggers alerts.

Chart markers

Setting	Default	Description
Show entry and exit markers	true	Draws the simulated trades on the chart.
Buy arrow Wingdings code	233	Symbol used for buy entries (placed under the candle low).
Sell arrow Wingdings code	234	Symbol used for sell entries (placed over the candle high).

Exit marker Wingdings code	251	Symbol used for exits (a cross centred on the exit price).
Marker width	2	Thickness of the arrows.
Exit cross size (font size)	18	Size of the exit cross.
Exit cross colour	Yellow	Colour of the exit cross.
Buy arrow colour	DodgerBlue	Colour of buy arrows.
Sell arrow colour	Tomato	Colour of sell arrows.

Panel

Setting	Default	Description
Show panel	true	Shows the information panel.
Show RESET button	true	Adds a RESET button under the panel: it restarts the count from the current bar (live counting, history is ignored).
Panel X / Panel Y	10 / 30	Position of the panel from the top-left corner of the chart, in pixels.
Panel width	250	Width of the panel. With the bitmap background, set it to the bitmap's width: it drives the alignment of the values and the length of the progress bar.
Title band height	34	Height of the title band (the default bitmap uses 34). 0 = no title.
Title	Kinetic Conduit	Title drawn on the built-in background (first word in the accent colour). Not used while the bitmap background is active.
Title font	Segoe UI	Font of that title (bold italic, first letter of each word larger).

Text padding X / Y	14 / 10	Space between the panel border and the text (left/right, and top).
Row height	30	Height of each row of the panel.
Font / Font size	Arial / 11	Font of the panel values (captions are 3 sizes smaller).
Value colour	White	Colour of the values.
Caption colour	Grey-blue	Colour of the captions (ASSET, TRADES ...) and of values not yet computed.
Positive colour / Negative colour	Green / Red	Colour of profit, long positions and winning exits / losses and short positions.
Built-in background colour	Dark blue	Background of the built-in (non-bitmap) panel.
Accent colour	Cyan	Colour of the title's first word, the status text and the progress bar.

What the panel shows

- **ASSET** – the symbol.
- **TRADES** – closed trades plus the open one.
- **PROFIT (PIPS)** – closed result plus the floating result of the open trade, after costs.
- **POSITION** – LONG, SHORT or FLAT.
- **WIN RATE** – share of closed trades with a positive result.

Under the panel, a status line (LOADING INDICATOR / SIMULATING with a progress bar) is shown while the tracker is computing.