TradinSolutions EXECUTION LAYER

TOOLKIT USER GUIDE · INDICATOR

Session Killzone

Asian, London and New York session ranges, with sweep detection and structure-confirmed triggers.

WORKS ON MT5 TradingView FREE UPDATED 08 OCTOBER 2026

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01

What it does

Session Killzone draws the Asian, London and New York sessions on your chart each day and watches for one specific pattern around the Asian range.

- **Session boxes.** Asian, London and New York ranges are drawn as labelled boxes each day, with the range in pips. Session times are set in UTC.
- **Range filter.** Asian ranges smaller than your minimum or larger than your maximum are ignored for that day.
- **Sweep detection.** A sweep is marked when price wicks beyond the Asian high or low and closes back inside the range.
- **Structure-confirmed triggers.** A trigger follows a sweep only after a market structure shift: a close beyond the preceding swing in the opposite direction.
- **Optional filters.** A pullback filter, a minimum risk-to-reward filter and a higher-timeframe filter (the H4 200 EMA).
- **Reference stop and target levels.** Taken from the session structure.

Triggers use closed bars only, so they do not repaint. It works on currency pairs, indices and metals, is best used on M15 and M30 charts, and needs no DLL imports.

What it does not do: it does not place or manage trades. The triggers mark a pattern on the chart; they are not trade recommendations, and the reference stop and target levels are not orders. What you

trade, and whether you trade at all, is your decision.

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Before you start

Session Killzone is one of the free indicators. Its card in Toolkit is marked Free, and no licence key is needed. It is available for MetaTrader 5 and TradingView.

PLATFORM	WHERE IT COMES FROM	LICENCE KEY
MT5	The MQL5 Market, free	Not needed
TradingView	Invite-only script, granted to your TradingView username	Not needed

Try it on a demo account first, and watch it for a couple of weeks before you rely on it. Many days produce no trigger.

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On MetaTrader 5

Install from the MQL5 Market

1. Sign in to the member app at app.tradinsolutions.com and open **Toolkit**.
2. On the Session Killzone card, click **MT5**, then **Continue to MQL5**. The Market listing opens: `https://www.mql5.com/en/market/product/174872`.
3. Install the indicator from the Market into your MetaTrader 5 terminal.
4. In MetaTrader 5, it appears in the Navigator as **Indicators → Market → SMC Session Killzone**.

Attach it to a chart

1. Open an M15 chart (M30 or H1 are useful for broader context).
2. In the Navigator, open **Indicators → Market** and drag **SMC Session Killzone** onto the chart.
3. Check the session times on the **Inputs** tab (see below), set your range filters for the symbol, and click **OK**.

The session boxes appear straight away, for the current day and the last few days. An indicator does not need Algo Trading switched on.

Check the session times first

All session inputs are hours in UTC, and daylight saving time moves the sessions by an hour for part of the year.

- During British Summer Time, move London from 07–16 to 06–15.
- During US daylight time, move New York from 13–22 to 12–21.
- Adjust the Asian session by one hour if needed.

Compare the boxes with the session opens you expect. If they are an hour or more out, adjust the inputs.

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On TradingView

On TradingView, Session Killzone is an invite-only script. Access is granted to your TradingView username.

1. In Toolkit, on the Session Killzone card, click **TradingView**.
2. Enter your username in **TRADINGVIEW USERNAME**, then click **Request access**.
3. Once access has been granted, open a chart on TradingView and click **Indicators**.
4. Open the **Invite-only** tab and click Session Killzone to add it to the chart.
5. Click the gear icon on the indicator's name on the chart to open its settings, and check the session times.

If the script offers alert conditions, set them through TradingView's Alert dialog: click **Alert** (or press Alt+A), choose Session Killzone as the condition, pick the event and set how you want to be notified.

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Reading the display

The three sessions

SESSION	DEFAULT HOURS (UTC)	ROLE IN THE MODEL
Asian	00:00–08:00	Builds the range; its high and low are the levels the model watches
London	07:00–16:00	Often runs one side of the Asian range; where sweeps and triggers are looked for
New York	13:00–22:00	Often carries the main move of the day

The idea behind the model: the Asian session builds a range, London takes out one side of it, structure shifts the other way, and New York carries the move. The indicator marks each step when it happens. It does not predict that it will.

What you see on the chart

ON THE CHART	WHAT IT MEANS
Slate blue box labelled like "AS 28.4p"	The Asian range and its size in pips
Royal blue and dodger blue boxes	The London and New York ranges

ON THE CHART	WHAT IT MEANS
"H↑" or "L↓" added to the Asian label (for example "AS 35.0p H↑")	The Asian high (H↑) or low (L↓) has been swept that day
Blue arrow	A low sweep: price broke the Asian low and closed back inside. A bullish structure shift has not happened yet.
Orange arrow	A high sweep: price broke the Asian high and closed back inside. A bearish structure shift has not happened yet.
Green arrow	A long trigger: sweep, structure shift and (if on) pullback all complete. The reference stop is below the Asian low and the reference target at the Asian high plus an extension.
Red arrow	A short trigger: sweep, structure shift and (if on) pullback all complete. The reference stop is above the Asian high and the reference target at the Asian low minus an extension.

Blue and orange arrows are markers that a sweep has happened. They are not triggers. The full pattern is only complete at a green or red arrow.

The three steps

1. **The Asian range is valid.** Its size is between **InpMinRangePips** and **InpMaxRangePips**. Days outside that band are skipped.
2. **A sweep happens.** Price wicks beyond the Asian high or low by at least **InpMinSweepPips**, then closes back inside the range.
3. **Structure shifts.** Within the next **InpMSSBars** bars, price closes beyond the preceding swing in the opposite direction, on a candle at least **InpATRMult** times the ATR. If **InpWaitForPullback** is on, the trigger then waits for price to retrace to **InpPullbackPct**.

A trigger is only drawn if it also passes the minimum risk-to-reward (**InpMinRR**), the minimum ATR (**InpMinATR**, if set) and, if **InpUseBias** is on, the higher-timeframe filter: long triggers only while price is above the 200 EMA on **InpHTF**, short triggers only while it is below.

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Settings reference

These are the MT5 input names.

Session times (UTC hours)

SETTING	DEFAULT	WHAT IT DOES
InpAsianStart / InpAsianEnd	0 / 8	Asian session. Adjust by one hour for daylight saving time if needed.
InpLondonStart / InpLondonEnd	7 / 16	London session. 6 / 15 during British Summer Time.
InpNYStart / InpNYEnd	13 / 22	New York session. 12 / 21 during US daylight time.

Range and trigger

SETTING	DEFAULT	WHAT IT DOES
InpRangeLookbackDays	3	How many past days of session boxes to draw
InpMSSBars	4	How many bars after a sweep to look for the structure shift
InpATRMult	1.5	The structure-shift candle must be at least this multiple of the ATR
InpATRPeriod	14	ATR period used for that check
InpWaitForPullback	true	Waits for a retracement after the structure shift before drawing the trigger
InpPullbackPct	0.382	The retracement level the pullback must reach (38.2%)

Filters

SETTING	DEFAULT	WHAT IT DOES
InpMinRangePips	10.0	Smallest Asian range that counts
InpMaxRangePips	200.0	Largest Asian range that counts; wider days are ignored
InpMinSweepPips	2.0	How far beyond the Asian high or low the wick must reach
InpMinRR	2.0	Triggers below this risk-to-reward, measured from the reference stop and target levels, are not drawn
InpMinATR	0.0	Minimum ATR for a trigger to be drawn. 0 switches the filter off.
InpHTF	PERIOD_H4	Timeframe of the 200 EMA used for the bias filter
InpUseBias	true	Long triggers only above the higher-timeframe 200 EMA, short only below

Display

SETTING	DEFAULT	WHAT IT DOES
InpShowSessionBoxes	true	Draws the session boxes
InpAsianColor	Slate Blue	Asian box colour
InpLondonColor	Royal Blue	London box colour
InpNYColor	Dodger Blue	New York box colour
InpDebugMode	false	Writes sweep and structure-shift events to the log, for troubleshooting

Starting values by instrument

These are starting filter values for common instruments. The typical range is the usual size of the Asian range on each instrument. Pip and point sizes differ between brokers, especially on gold and indices, so check the range your broker's symbol actually shows before copying these.

INSTRUMENT	TYPICAL ASIAN RANGE	INPMINRANGEPIPS	INPMAXRANGEPIPS	INPMINSWEEPPIPS
EURUSD	15–50 pips	12	100	2
GBPUSD	20–60 pips	15	120	3
USDJPY	15–40 pips	10	80	2
AUDUSD	10–35 pips	8	70	2
US30	80–200 points	60	500	10
XAUUSD	50–200 pips	40	400	10

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Alerts

This guide covers the on-chart display. Sweeps and triggers are drawn on the chart, so you see them when you look at it. On TradingView, any alert conditions the script offers are set through TradingView's Alert dialog (see On TradingView).

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Words you'll see

TERM	MEANING
Session	A block of trading hours: Asian, London or New York
Killzone	The part of the day, around the London and New York sessions, where the model looks for its pattern
Asian range	The high and low made during the Asian session
Sweep	Price wicking beyond the Asian high or low and closing back inside the range
Market structure shift (MSS)	A close beyond the preceding swing high or low in the opposite direction to the sweep
Swing	A recent turning point: a local high or low
Pullback	A partial retracement after the structure shift, measured as a Fibonacci level such as 0.382
ATR	Average true range: a measure of how far price typically moves per bar
Risk-to-reward (RR)	Distance to the reference target divided by distance to the reference stop
HTF bias	The higher-timeframe filter: price above or below the 200 EMA on H4
Repaint	A signal that changes or disappears after it was drawn. These triggers use closed bars, so they do not.

TERM	MEANING
UTC	Coordinated Universal Time, the clock the session inputs use

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FAQ and troubleshooting

The session boxes are in the wrong place. Check the session times against UTC, and adjust by an hour for daylight saving time where needed.

There is no trigger today. That is normal. Days where the Asian range is too small or too large, where no sweep happens, or where structure does not shift are skipped by design. Turn on **InpDebugMode** if you want to see in the log which steps did happen.

Should I act on the blue or orange arrows? They only mark a sweep. The pattern is complete only at a green or red arrow, and even then it is a marked pattern, not a recommendation.

Wide, news-driven Asian ranges keep counting. Lower **InpMaxRangePips** (for example to 80–100 on a major pair) so the indicator skips unusually wide days.

On fast-moving symbols the trigger comes too late. The pullback filter waits for a retracement that may not come. Setting **InpWaitForPullback** to false draws the trigger at the structure shift instead.

Can it trade for me? No. Session Killzone is an indicator. It draws boxes, markers and reference levels; it never opens or closes a position.

Need help? Help centre: help.tradinsolutions.com · Email: contact@tradinsolutions.com · Community: the TradinSolutions Discord (tradinsolutions.com/community).

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