TradinSolutions EXECUTION LAYER

TOOLKIT USER GUIDE · INDICATOR

Trend Heatmap

Trend bias on M5, M15, M30, H1 and H4 in one panel — alignment at a glance before you enter.

WORKS ON MT5 TradingView FREE UPDATED 08 OCTOBER 2026

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What it does

Trend Heatmap reads five timeframes at once (M5, M15, M30, H1 and H4) and shows the trend bias of each in a single panel. It lets you check, before you enter on a lower timeframe, whether the higher timeframes point the same way.

- **Five timeframes side by side.** One row each for M5, M15, M30, H1 and H4. You can switch any row off.
- **A simple, fixed rule.** Price and three EMAs (21, 50 and 200 by default) mark each timeframe BULLISH, BEARISH or NEUTRAL.
- **An overall row.** A summary of the bias across the timeframes you have switched on.
- **A panel, not chart clutter.** It draws no lines or arrows on the chart itself. It has no external connections and no DLL imports.

It works on any symbol and from any chart timeframe: the panel reads the five timeframes whatever timeframe your chart is on.

What it does not do: it does not place or manage trades, and it does not give entry signals or tell you what to trade. It is a filter. It tells you whether the timeframes agree; what you do with that is your decision.

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Before you start

Trend Heatmap 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.

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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 Trend Heatmap card, click **MT5**, then **Continue to MQL5**. The Market listing opens: `https://www.mql5.com/en/market/product/174864`.
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 Trend Heatmap**.

Attach it to a chart

1. Open any chart. The chart's own timeframe does not change what the panel shows.
2. In the Navigator, open **Indicators** → **Market** and drag **SMC Trend Heatmap** onto the chart.
3. Set your inputs on the **Inputs** tab and click **OK**.

The panel appears in the upper left corner by default. An indicator does not need Algo Trading switched on.

The first time you attach it, MetaTrader may need a moment to load history for the other timeframes. If a row looks empty or stuck, give it a few seconds, or open that timeframe once on the same symbol.

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On TradingView

On TradingView, Trend Heatmap is an invite-only script. Access is granted to your TradingView username.

1. In Toolkit, on the Trend Heatmap 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 Trend Heatmap to add it to the chart.
5. Click the gear icon on the indicator's name on the chart to open its settings.

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

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Reading the display

The panel has one row per timeframe you have switched on, and an **OVERALL** row at the bottom. Each row shows the timeframe, its bias and a symbol. The row background changes colour with the bias so you can read it at a glance.

READING	SYMBOL	ALL OF THESE MUST BE TRUE
BULLISH	▲	Fast EMA (21) is above the slow EMA (50), price is above the trend EMA (200), and the fast EMA is rising compared with the previous bar
BEARISH	▼	Fast EMA is below the slow EMA, price is below the trend EMA, and the fast EMA is falling
NEUTRAL	◆	Anything else: a crossover in progress, price between the EMAs, or a flat fast EMA

NEUTRAL is deliberate. It keeps the panel from calling a direction while the averages are crossing or price is chopping between them.

The OVERALL row

The OVERALL row summarises the bias across the rows you have switched on, as BULLISH, BEARISH or NEUTRAL.

Using it as a filter

The panel is designed as a filter for signals from your other tools, not as a signal on its own:

- The H1 and H4 rows are the highest timeframes in the panel and give the broadest context. When they agree, the broader bias on this symbol points one way.
- A NEUTRAL reading means the averages on that timeframe disagree; it is not a direction.
- Switching the H4 row off removes the broadest timeframe from the panel and from the OVERALL row.

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Settings reference

These are the MT5 input names.

EMA periods

SETTING	DEFAULT	WHAT IT DOES
InpFastEMA	21	The fast EMA. Lower values react sooner and change bias more often.
InpSlowEMA	50	The slow EMA. Higher values need a stronger move before the bias changes.
InpTrendEMA	200	The long-term trend filter.

Timeframe rows

SETTING	DEFAULT	WHAT IT DOES
InpShowM5	true	Shows the M5 row
InpShowM15	true	Shows the M15 row
InpShowM30	true	Shows the M30 row
InpShowH1	true	Shows the H1 row
InpShowH4	true	Shows the H4 row

A row you switch off is also left out of the OVERALL row.

Panel position

SETTING	DEFAULT	WHAT IT DOES
InpPanelX	15	Horizontal offset from the corner, in pixels
InpPanelY	30	Vertical offset from the corner, in pixels
InpCorner	UPPER_LEFT	Anchor corner: UPPER_LEFT, UPPER_RIGHT, LOWER_LEFT or LOWER_RIGHT

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Alerts

This guide covers the on-chart panel, which you read when you are at the chart. 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
Bias	The direction the panel reads for a timeframe: BULLISH, BEARISH or NEUTRAL
EMA	Exponential moving average: an average that gives more weight to recent bars

TERM	MEANING
Fast / slow / trend EMA	The three averages the rule uses: 21, 50 and 200 by default
Alignment	Several timeframes showing the same bias
OVERALL	The summary row: the bias across the rows you have switched on
Filter	Something you check before acting on another signal, not a signal in itself
M5 … H4	Five-minute, fifteen-minute, thirty-minute, one-hour and four-hour timeframes

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FAQ and troubleshooting

The panel shows NEUTRAL most of the time. That is expected in sideways markets. All three conditions must agree before a row turns BULLISH or BEARISH.

Should I change the EMA periods? You can. If you lower the fast EMA, expect the bias to flip more often. Changing the 200 trend EMA changes what the panel treats as the long-term trend.

Does my chart timeframe matter? No. The panel always reads M5, M15, M30, H1 and H4, whatever timeframe the chart is on.

The panel covers my price or another tool. Move it with **InpCorner**, **InpPanelX** and **InpPanelY**.

Does it draw anything on the chart? No. Everything is in the panel.

Can it trade for me? No. Trend Heatmap is an indicator. It shows a reading; 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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