TRADINGVIEW INDICATOR · USER GUIDE

Alphabet Soup — every setting, explained once.

Sweeps, closure formations, CISD, fair value gaps, SMT and higher-timeframe candles in a single overlay. This is the reference for what each control does and when to touch it.

CISD · Pending CISD · Continuation CISD · SMT / bearish · Bullish · PSP

00 Quick start

Five minutes from a blank chart to a working setup. Everything after this is refinement.

01 Add the indicator to a chart between **1m and 15m**. Timeframe alignment is automatic, so the higher timeframes it references are derived from the chart you are on.

02 Open settings → **General** and set **Timezone** to your own. Every session line, time label and alert window reads from this one field.

03 Leave **Bias** on `Auto` for the first few sessions. Watch what it prints before you start overriding it.

04 Keep the defaults in **Closure Formation**. History `2` and one CISD line is the readable setup; more is noise.

05 Set your alerts *last*. TradingView freezes your settings into the alert at the moment you create it.

> GOOD TO KNOW
>
> Three terms repeat throughout: **CTF** is your chart timeframe, **HTF** is one step above it, **HTF²** is two steps above. Any setting prefixed that way is asking which of those three you mean.

`01`

General

Global display settings. These affect every other block, so set them once and forget them.

`Label Size` `tiny`

Text size for every label the indicator prints. `tiny`, `small`, `normal` or `large`. On a 4K monitor, bump to `small`.

`Timezone` `UTC−4`

Fixed UTC offsets from `UTC−12` to `UTC+10`. Drives candle time labels, session lines and alert windows. Fixed offsets do not follow daylight saving — change it twice a year if you trade New York hours.

`Bias` `Auto`

Directional filter for what gets drawn. `Auto` derives direction from structure; `Bullish` or `Bearish` pins it and hides formations pointing the other way.

`Show Bias Display` `on`

Prints the current bias on the chart so you can see what the filter is doing rather than guessing why something did not draw.

`Show ADR` `on`

Average Daily Range readout. Position picks a screen corner (`Top Right`, `Top Left`, `Bottom Right`, `Bottom Left`), and the mode dropdown switches between `normal` and a `compact` single-line version.

`ADR Length` `14`

Number of days averaged, 1–100. Shorter reacts to a volatility regime change faster; 14 is the conventional read.

`02`

Closure Formation

The core of the tool: the sweep-and-close sequence, the confirmation lines it produces, and how far back it keeps them.

`History` `2`

How many past formations stay on the chart, 1–20. Two is enough to see context. Ten is a wall of lines.

`Backtest` `off`

Off, invalidated formations are removed as soon as they fail. On, they stay so you can review what happened after the fact. Turn on for study, off for live.

`TF Alignment` `Auto`

`Auto` derives HTF and HTF² from your chart timeframe (table below). `Manual` exposes two timeframe fields, defaulting to `60` and `240`, so you can pin the pair you actually trade.

`Closure Formation` `on`

Master toggle plus the styling for the break line itself — color, `Solid` / `Dashed` / `Dotted`, and width 1–4.

`CISD` `on`

Change in State of Delivery — the confirmation level for a completed formation. Default blue `#2962FF`, width 2. This is the line most people are actually waiting for.

`Pending CISD` `on`

The *next* level that would confirm if the current sequence completes. Light blue `#40C4FF`. Useful for pre-placing orders; it is not a signal on its own.

`Continuation CISD` `on`

Re-entry level after a formation has already delivered, drawn in orange `#FF6D00`. Only qualifies near a key level — see section 05.

`SMT CISD` `on`

A CISD that also carries divergence against a correlated instrument, drawn in `#E91E63`. Highest-confluence version of the same event.

`CTF Closure Formation` `on`

Same logic run on your chart timeframe instead of the higher one, in grey. Adds detail on 15m and above; on a 1m chart it mostly adds clutter.

`Draw only at Key Levels` `off`

Restricts formations to those that occur at qualifying levels. This is the single biggest change you can make to how busy the chart looks — full explanation in section 05.

Automatic timeframe alignment

With **TF Alignment** on `Auto`, your chart timeframe determines the pair:

CHART (CTF)	HTF	HTF²
1m	15m	4H
5m	1H	4H
15m – 30m	4H	1D
1H	1D	1W
4H	1W	1M
Above 4H	1M	1M

> GOOD TO KNOW
>
> If you want a 1H closure while watching a 5m chart, do not switch charts — set **TF Alignment** to `Manual` and enter `60` and `240`. The formation logic runs on those timeframes while your entries stay on 5m.

03 Additional Levels

The reference prices a formation is measured against. Draw the ones you actually use and hide the rest.

`PDH / PDL` `on`

Previous Day High and Low. The most-tested liquidity on an intraday chart.

`PWH / PWL` `on`

Previous Week High and Low. Slower, and the ones that matter most on Monday.

`EQ` `on`

Equilibrium — the 50% midpoint of the relevant leg. `Both`, `Bullish` or `Bearish`, with **Latest only** on by default so you get one line rather than a history.

`HTF Swings` `off`

Swing highs and lows from the higher timeframe, with a **Max** count of 1–20. These count as key levels.

`HTF² Swings` `on`

One step higher again. Fewer lines, more weight — this is why it is on by default and plain HTF Swings is not.

`CTF Swings` `off`

Chart-timeframe swings. Useful for structure reading, but they do *not* qualify as key levels.

`Separator` `on`

Vertical lines at period boundaries, with a **Count** of how many to keep back (default 4).

`Session lines` `09:30 · 18:00`

Vertical markers at the two opening times that matter, plus a **Custom** slot (off, default `10:30`) in `HH:MM` using your General timezone.

`Fib Projection` `off`

Projects targets from a valid formation, with an optional price **Label**. Turn it on once you are taking the setups — not before.

`T-Spot / EQ Fill` `off`

Shades the reaction zone between the formation and its equilibrium, in green and pink. Off by default because two translucent boxes on every formation get heavy fast.

> ONE DAY AT A TIME
>
> Session lines reset each day. They mark the open of that session on that day — they do not extend a level forward. If you want a price carried across days, that is PDH/PDL or a swing, not a session line.

04

FVG

Fair value gaps at three timeframes, plus the inversion logic that decides when a gap has failed.

`CTF FVG` `on`

Gaps on your chart timeframe, bullish green and bearish pink, **Max** 1 by default.

`HTF FVG` `on`

Gaps from one timeframe up, in grey. These are the magnets price actually travels to.

`HTF² FVG` `off`

Two steps up. Rare, and worth turning on when you are trading toward a bigger target.

`Inv.` `Close Through`

What counts as breaking a gap, per timeframe. `Close Through` is the strict read, `Wick Through` is looser, `Touch` is the loosest. Strict means fewer inversions and fewer false flips.

`iFVG` `off`

Inverse FVG — a gap that got broken and now acts as the opposite. **Max TF** caps which chart timeframes it draws on (`< 5m`, `< 15m`, `< 60m`, `Any`), defaulting to `< 15m` because inversions are a lower-timeframe idea.

`Bias Filter` `on`

Hides gaps that point against current bias. On, you see the gaps that support the trade you are looking for.

> MAX IS NOT MEMORY
>
> **Max** controls how many gaps are *drawn*, not how many are tracked. The indicator keeps more internally, so a gap that scrolled off screen can still invalidate, still flip to an iFVG, and still fire its alert. Lowering Max cleans the chart; it does not change the logic.

05

Key Level Filter

The one concept worth reading twice. Two separate toggles, in two separate places, doing two different jobs.

The two toggles

- **Draw only at Key Levels** — lives in *Closure Formation*. Controls what appears on the chart.
- **Key Level Filter** — lives in *Alarm Filter*. Controls what fires an alert.

They are independent. You can draw everything but only get alerted at key levels, or the reverse. Setting one does nothing to the other.

What counts as a key level

COUNTS	DOES NOT COUNT
HTF and HTF² swings	CTF swings
PDH / PDL	CTF FVGs
PWH / PWL	Session lines
HTF and HTF² FVGs	EQ

The pattern is timeframe: levels built from higher-timeframe data qualify, chart-timeframe levels are too granular to mean anything as a filter.

How a formation qualifies

1. Price interacts with a qualifying level.
2. A window opens for the formation to confirm.
3. Direction has to agree — a sweep of a high side is looking for a bearish formation, not a bullish one.
4. Each level fires once. It does not re-arm every time price returns.

THE PART MOST PEOPLE MISS

The filter can only see levels you have **turned on**. Switch off *HTF Swings* and swings stop being key levels — not just hidden, gone from the filter. If you enable *Draw only at Key Levels* and the chart goes quiet, that is why: you filtered against an almost-empty list.

EXCEPTION

SMT formations carry their own confirmation and bypass this filter. That is intentional — divergence against a correlated instrument is a qualification in its own right.

06

SMT & PSP

Divergence between correlated instruments. One market takes the level, the other refuses.

`Show SMT` `on`

Master toggle, with line color `#E91E63` and width 1–4.

`HTF SMT · CTF SMT` `both on`

Which swing set to check for divergence. HTF is the higher-conviction read; CTF catches more.

`PDH/PDL SMT` `on`

Divergence at the previous day's extremes — the most common intraday version.

`PWH/PWL SMT` `off`

Same at weekly extremes. Rare enough to keep off until you are trading a weekly level.

`SMT on HTF Candle` `on`

Draws the divergence on the HTF candle boxes from section 07 as well as on price.

`Asset Label` `on`

Prints which instrument diverged. Keep it on — an SMT line without a name is not information.

`Peers` `Auto`

`Auto` picks the standard correlated pair for the symbol you are on. `Manual` exposes two ticker fields, defaulting to `CME_MINI:ES1!` and `CBOT_MINI:YM1!`. Use exchange-prefixed tickers.

`PSP` `on`

Precision Swing Point markers in `#FF9800`, drawn as `Dot`, `Diamond` or `Circle`, with a **Max** of 1–50.

`Require C2 · Require SMT` `both off`

Conditions that a PSP must also satisfy before it prints. Both off gives you every PSP; turn one on when there are too many to read.

`PSP on HTF Candle` `on`

Mirrors PSP markers onto the HTF candle boxes.

Typical peers

TRADING	PEER 1	PEER 2
NQ	ES	YM
ES	NQ	YM
Gold	Silver	–
BTC	ETH	–

> GOOD TO KNOW
>
> Correlation is the whole premise. Two instruments that do not normally move together will diverge constantly, and every one of those divergences is meaningless. If you set peers manually, set them to something that actually tracks.

07

HTF Candles

Higher-timeframe candles drawn beside live price, so you can read the bigger picture without changing charts.

`Show HTF Candles` `on`

Master toggle for the candle box display.

`Count · Offset` `3 · 8`

Count is how many candles to draw (1–10). **Offset** is how far right of live price they sit (1–100) — raise it if they crowd the current bar.

`Bull / Bear Body`

Body fill colors, defaulting to white and black. Set these against your chart background, not against each other.

`Outline`

Border and wick color for both directions.

`Time labels` `on`

Timestamp under each candle, with its own size and color. Formatting adapts to the timeframe, and reads from your General timezone.

`Second HTF Box` `on · 60`

A second set at a timeframe you pick, default `60`. Its own **Count** (3) and **Gap** (3) control quantity and the spacing between the two sets.

`HTF Info Label` `on`

Shows which timeframe is being displayed plus a live countdown to the close. Sits `Below` or `Above` the boxes.

> GOOD TO KNOW
>
> The rightmost candle is still forming. Its body will move until the countdown in the info label hits zero — that is the difference between a candle that closed through a level and one that is currently poking at it.

08 Alarm Filter

Which events fire, and when they are allowed to. Configure everything else before you touch this.

Creating the alert

1. Right-click the chart → **Add alert**.
2. Set **Condition** to `Alphabet Soup`.
3. Choose `Any alert() function call`.
4. Create.

> SET UP FIRST, ALERT LAST
>
> TradingView snapshots your indicator settings into the alert at creation. Changing a setting afterwards changes your chart and not your alert. Whenever you retune the filters, delete the alert and make a new one.

Filters

`Key Level Filter` `off`

Restricts *formation* alerts to key levels. Level-break alerts are unaffected — they are already tied to a level. See section 05.

`Session Filter` `on`

Master switch for time-of-day filtering. With it on, only the enabled sessions below can fire.

Sessions

Times are `HH:MM` in your General timezone.

SESSION	DEFAULT	WINDOW
Asia	off	18:00 – 23:59
London	on	01:00 – 06:00
NY AM	on	06:00 – 12:00
NY PM	off	12:00 – 16:00

Events

HTF C2 Closure `on`

The second candle of the formation closes. Earliest useful heads-up.

CISD `on`

Confirmation. If you only keep one alert, keep this one.

HTF Sweep `off`

A higher-timeframe level gets taken. Fires often — an alert for watching, not for acting.

HTF C3 Closure `off`

Third-candle close. Later and stricter than C2.

CISD Touch `off`

Price returns to an existing CISD line, rather than a new one forming.

Continuation CISD `off`

Re-entry after a formation has delivered.

PDH/PDL Break · PWH/PWL Break `off`

Day and week extremes get taken out. Not filtered by key level.

HTF FVG Touch · CTF FVG Touch `off`

Price reaches a gap. HTF is the one worth waking up for.

HTF Swing Breach · CTF Swing Breach `off`

A swing level gets broken.

Worked example — a 1H closure while you watch 5m

1. Chart on **5m**. **TF Alignment** → `Manual`, fields `60` and `240`.
2. Turn on **HTF² Swings** and **HTF² FVG** so the 4H levels exist for the filter to use.
3. In Alarm Filter, enable **Key Level Filter**.
4. Leave only **HTF C2 Closure** checked; uncheck the rest.
5. Enable **NY AM** only, then create the alert.

Result: you get pinged when a 1H formation confirms at a 4H level during the New York morning, and at no other time. Everything else still draws on your chart — it just stays silent.

Questions? Reach out at @rxttrades. Bug reports are more useful with a symbol, a timeframe and a screenshot.