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ASPTPO

Market Profile / TPO indicator for NinjaTrader 8

User Guide

Version 1.3.3

nt8-indicators.com

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1 · Installation

Requirements

- NinjaTrader 8 (64-bit) is installed and has been started at least once.
- Windows 10 or 11.
- The ZIP package **ASPTPO.zip** from the download link in your license email (contains the import package and this guide).

Installation step by step

1. Extract **ASPTPO.zip** – it contains the import package **ASPTPO-1.3.3-Import.zip** and this guide.
2. Start NinjaTrader. In the **Control Center** open **Tools → Import → NinjaScript Add-On…**
3. Select the file **ASPTPO-1.3.3-Import.zip** (do not extract it) and confirm the import.
4. NinjaTrader reports a successful import and recompiles briefly.
5. Done: right-click a chart (e.g. NQ, ES, RTY) → **Indicators…** → add **ASPTPO**.

Note on the download
No installer is executed – NinjaTrader only imports the files, so no Windows “unknown app” warning appears. If your browser shows a notice while downloading the ZIP, choose **“Keep”**.

Updates: you can always download the current version via the same link from your license email (**nt8-indicators.com/download/ASPTPO.zip**) and import the new import package the same way (**Tools → Import → NinjaScript Add-On**). NinjaTrader replaces the old version automatically; your license is preserved.

ASPTPO is bilingual: if NinjaTrader runs in German, all settings and displays appear in German – in any other language they appear in English. Switching is automatic.

2 · License activation

ASPTPO is activated online with your personal **license key**. You receive the key in the format **ASP-XXXXX-XXXXX-XXXXX-XXXXX** automatically by e-mail after your purchase or trial request – no waiting, no license file.

Activating your license

1. Add ASPTPO to a chart (right-click the chart → **Indicators…** → ASPTPO) and open the **indicator settings**.
2. In the **“0. License”** group at the top, paste the key into **“License key (online)”** (Ctrl+V).
3. Click **OK**. ASPTPO registers your computer – this usually takes a few seconds, at most about a minute.
4. After successful activation, reload the chart: right-click the chart → **“Reload NinjaScript”** (key **F5**).
5. To check: in the settings, the **“License status”** field now shows “Online license active · … valid until …”.

> **Internet:** NinjaTrader must be online for the activation. After that, ASPTPO renews the license automatically in the background. Without internet, the indicator keeps working for at least **7 days** after the last successful check.

> Done! Your license now renews automatically – there is nothing else to do.

New computer

Simply enter the same license key on the new computer – the previous computer is signed out automatically. Up to two switches per year work this way without contacting us; after that, a short e-mail to **support@nt8-indicators.com** is enough. You can also remove the license from the old computer yourself via **“▶ Remove online license from this computer (click)”**.

Trial version

With a trial license, ASPTPO runs fully featured for **7 days from the first activation**. A discreet note at the bottom of the chart shows the days remaining. If you buy afterwards with the same e-mail address, the same key simply keeps working.

License types

Subscription (Abo): renews automatically as long as your subscription is active. **Lifetime:** permanent, no expiry date. **Trial:** 7 days. One key can cover several ASPerformance indicators, each with its own type. Each license is valid for one computer.

Special case: license file (.lic)

If we sent you a license file (e.g. for a computer without internet), click **“▶ Choose license file (.lic)… (click)”** in the “0. License” group, select the file and reload the chart with **F5**. ASPTPO stores the file as **license.lic** in the folder **%APPDATA%\ASPerformance** (e.g. **C:\Users\<Name>\AppData\Roaming\ASPerformance**; type **%APPDATA%\ASPerformance** into the Explorer address bar). A license file takes precedence over the online license.

> Lost your license key? On **nt8-indicators.com/en/download/**, enter your e-mail address under “Forgot your license key?” – the key is sent to you again right away. Alternatively, a short e-mail to **support@nt8-indicators.com** is enough.

3 · Settings

All settings are organised into numbered groups – in the same order as in the NinjaTrader settings window. The “0. License” group is described in chapter 2. For each setting you will find its meaning and default value.

1. Session & Times

Setting	Meaning	Default
Time format	Format of the times drawn by the indicator (zone labels, panel). 'Automatic' follows the Windows format like the chart. The time input fields below use NinjaTrader's own editor and always follow the system. Options: Automatic (Windows), 24-hour (14:05), 12-hour (2:05 PM)	Automatic (Windows)
Session mode	Whole session per the chart trading-hours template, or a free time window Options: Whole session, Time window	—
Window start (Time window only)	Applies only in Time window mode. German time (NinjaTrader time)	00:00
Window end (Time window only)	Applies only in Time window mode. German time. End before start = over midnight	23:00
RTH start (New York time)	US cash open in ET, default 09:30. Conversion to NinjaTrader time incl. DST automatic	09:30
RTH end (New York time)	End of the RTH sub-profile in the 24h chart in ET, default 16:15 like the 'CME US Index Futures RTH' template	16:15
IB periods	Initial Balance = first periods from the IB/Open reference (default A + B)	2

2. Ranges

Setting	Meaning	Default
RTH levels (24h chart)	Show rPOC/rVAH/rVAL of the RTH part of each session and count as a mark (naked like POC/VAH/VAL)	On
Overnight high/low	24h chart: high/low before the RTH open, from RTH open as a line and mark	On

Show Asia range	24h chart: high/low from Asia start to Asia end as lines and in the panel	On
Asia start (New York time)	Default 18:00 ET = Globex open	18:00
Asia end (Tokyo time)	Default 11:30 JST = Tokyo lunch break (German summer time 04:30, winter time 03:30)	11:30
Show Europe range	24h chart: high/low of the Europe range as lines and in the panel (note only, no bias stage)	On
Europe start (German time)	CET/CEST, default 09:00 (Xetra/London open)	09:00
Europe end (German time)	CET/CEST, default 10:00	10:00
Show Open Range	high/low of the Open Range as lines and in the panel (RTH and 24h chart)	On
Open Range duration (minutes from RTH start)	always starts at RTH start (group 1 'Session & Times', New York time), default 15 minutes = 09:30-09:45 ET	15

3. Profile calculation

Setting	Meaning	Default
TPO period (min)	Length of one TPO period (letter) in minutes.	30
Ticks per row (0 = auto)	Default 4. Auto (0): NQ 20, ES 4, RTY 5 ticks	4
Value Area %	Share of TPOs around the POC that forms the value area.	68
Tail min. rows	Minimum number of single-TPO rows at the extreme for a Tail. Fewer (from 1) = Poor High/Low	4
Ignore last period tails	Single Prints that come only from the last (or current) period do not count as a Tail	On
Single Prints min. rows	Minimum single-printed price rows before a single print is marked.	3
Hidden Tail min. free rows	Minimum rows at the period end without a preceding and following period	4
Ledge min. periods	Minimum number of consecutive periods with identical high/low	2

Strong Ledge from periods	From this count the Ledge is drawn thicker	3
Spike min. rows	Tail only from the last period, minimum size like BT/ST	4
Double Tail min. rows	free rows at the extreme of the later period in the Tail zone	2
Naked levels: sessions back (0 = all)	0 = all loaded sessions. Otherwise POC/VAH/VAL of older sessions are no longer shown	0

4. Marks & tolerance

Setting	Meaning	Default
Tolerance NQ/MNQ (ticks)	V2 question 7: distance 'at the mark'	10
Tolerance ES/MES (ticks)	Distance in ticks within which price still counts as "at the mark" for ES/MES.	2
Tolerance RTY/M2K (ticks)	Distance in ticks within which price still counts as "at the mark" for RTY/M2K.	2
Tolerance other (ticks)	Distance in ticks within which price still counts as "at the mark" for other markets.	4
Levels cluster min. levels	from this many naked marks in the Tail zone = ** (otherwise *)	2
Prior day high/low as mark	High/low of the prior session and (24h chart) of the prior-day RTH count as a mark for Tail at mark	On
Asia high/low as mark	Counts for zones that form after the Asia end	On
Europe high/low as mark	counts for zones that form after the Europe end	On
Open Range high/low as mark	Counts for zones that form after the end of the Open Range	On

5. Mountains

Setting	Meaning	Default
Show Mountains	balance areas in the profile	Off
Show small Mountains (grey)	Mountains below 'Mountain relevance % of POC'	Off

Show covered Mountains (grey)	Older mountains overlapped by a more recent relevant mountain	Off
Mountain: smoothing (rows)	moving average of the TPO count	3
Mountain: core threshold %	core = rows >= x % of the local peak	50
Mountain: valley threshold %	valley between two mountains <= x % of the smaller peak	33
Mountain: min. periods in core	two letters are not a mountain	3
Mountain relevance % of POC	Peak of the mountain at least this share of the POC row; POC mountain always relevant (ASPTPOCoreSignals)	45
Mountain: acceptance periods	This many period closes beyond = break (role change); second break = end	3
Mountain: tests to confirm	Number of successful tests before a mountain counts as confirmed.	2
Breakout min. % of mountain height	100% breakout with tolerance	80

6. Show zones

Setting	Meaning	Default
Show POC	Shows or hides the POC line.	On
Show VAH/VAL	Shows or hides the value-area bounds (VAH/VAL).	On
Show traded levels	Show POC/VAH/VAL that are no longer naked as dotted (off = hide)	On
Show Buying/Selling Tails	Shows or hides buying/selling tails.	On
Show Hidden Buying/ Selling Tails	Shows or hides hidden buying/selling tails.	On
Show Double Tails	BT2/ST2	On
Show Single Prints	Shows or hides single prints.	On
Show hidden Single Prints	vSPL/vSPS	On
Show Poor High/Low	Shows or hides poor highs/lows.	On

Show Ledges	Shows or hides ledges.	On
Show Spike zones	free part of the last period, applies to the following day	On
Show Open, IB, prior day high/low	Shows or hides open, initial balance and prior-day high/low.	On
Show developing session	Developing values dashed	On

7. Zone behavior

Setting	Meaning	Default
Zone formation	Immediate: zone forms after its period P, without correction by the following period Q. Provisional: zone appears after P faint with '?', is shrunk or removed during Q and confirmed after Q (Tails, Hidden Tails, Poor High/Low). Single Prints always form only after Q. After next period: zone forms only once Q is also complete. Options: Immediate, Provisional, After next period	Provisional
Zone break	Period close: 1-min close beyond = violated, period close beyond = broken. Minute close: broken immediately Options: Period close, Minute close	Period close
Zone ends on traverse	Zone also ends when a completed period has fully traversed it (low <= lower edge and high >= upper edge), regardless of where the close is. Lines: period trades on both sides. Not for levels, spikes and mountains	On
Suppress Hidden Tails from BT/ST	On = a Hidden Tail that lies inside a Buying/Selling Tail of the same session never forms - not even after the BT/ST is broken. Off = after the BT/ST breaks, an HBT/HST is created at the same spot (behavior up to)	On
Extend zones until breakout	Extends zone lines to the right until they are broken.	On
Extend until	To current bar: up to the current candle. To right edge: up to the right chart edge Options: To current bar, To right edge	To right edge
Keep broken zones	Broken zones end at the breakout candle instead of disappearing	On

8. Alerts

Setting	Meaning	Default
Alert on break	Triggers a NinjaTrader alert when a zone is broken.	Off

9. Bias panel

Setting	Meaning	Default
Show Bias panel	Shows or hides the bias panel.	On
Show all stages	Stages 1-5 individually with status (otherwise only result, notes, zones)	On
Position	Corner in which the bias panel is shown. Options: Top left, Top right, Bottom left, Bottom right	Top left
Font size	Font size of the bias panel.	12
VA trend before RTH IB	Evaluate stage 4 already after the first IB periods of the session (in the 24h chart e.g. for the morning, marked as provisional). Off: only from the close of the RTH IB	On
Highlight Long/Short zone in chart	the zones from 'Look for Long'/'Look for Short' with a thick border in Long/Short color; dashed without fill when against the bias	On
Highlight border width (px)	Border width of highlighted search zones in pixels.	3
Highlight fill (%)	0 = no additional fill	25
Highlight label 'LONG/ SHORT since ...'	Shows the "LONG/SHORT since ..." label on the highlighted zone.	On

4 · Abbreviations

Short labels ASPTPO uses on the zones and in the bias panel.

Label	Meaning
Levels & marks	
POC	Point of Control – most-traded price row
VAH	Value Area High – upper edge of the value area
VAL	Value Area Low – lower edge of the value area
VA	Value Area – around the POC
rPOC / rVAH / rVAL	the same levels from the RTH sub-profile
naked	untouched mark – not traded since it formed
Tails	
BT	Buying Tail
ST	Selling Tail
HBT	Hidden Buying Tail
HST	Hidden Selling Tail
BT2 / ST2	Double Tail (low / high)
* / **	Tail at a mark / at several marks (levels cluster)
Single prints	
SP	Single Print – single-printed price row
SPL / SPS	Single Print Long / Short
vSP	hidden single print
vSPL / vSPS	hidden single print Long / Short
2W	Two Worlds – breakout across a single print
Other zones	
PH	Poor High
PL	Poor Low
LDG	Ledge
SPK↑ / SPK↓	Spike High / Low

Mountains	
BERG / MTN	Mountain – volume/TPO cluster
S / W / B	Support / Resistance / both sides
POC-Berg	mountain on the POC row
best. / conf.	confirmed (by tests)
klein / überdeckt	below the relevance threshold / covered by a larger mountain
Zone status	
? (z. B. „BT?“)	provisional zone: appears right after its period, faint and dashed with “?”. During the following period it may still be shrunk or removed. Once the following period is complete, the zone is confirmed – the “?” disappears and it is drawn in full. Applies to tails, hidden tails and poor high/low with zone formation “Provisional” (default).
Session & times	
IB	Initial Balance – first periods of the session
RTH	Regular Trading Hours
OR	Open Range
ET	Eastern Time – US east-coast time

5 · Support

Questions or feedback? We are happy to help – we usually reply within 24 hours.

E-Mail: support@nt8-indicators.com
Web: nt8-indicators.com

Notice – not investment advice

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