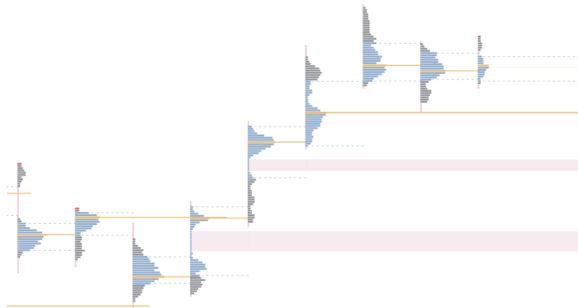
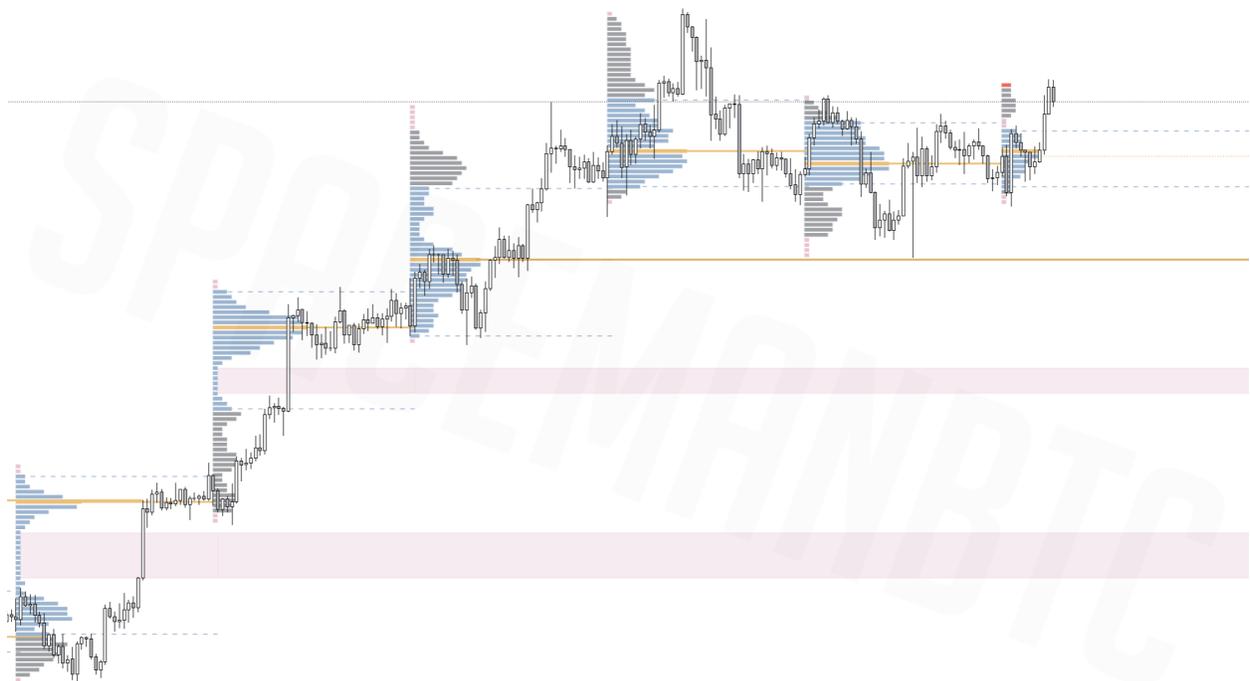


SpaceTime Profile by SpacemanBTC



Spacetime Profile is SpacemanBTC's take on a traditional Market Profile tool made popular by CME Futures traders in the mid-80s. Market profile is a combination of time & price that can be used to provide context, actionable levels to interact at and clearly distinguish anomalies in price.



Traditional Market Profile tools use Time & Price to form distributions to better visualize the market data, and derive levels such as 'Value Areas' & 'Points of Control'. These profiles can then be expanded to show where price has traveled during that time span. Value areas are commonly referred to in Auction Market Theory and reference ~68% (commonly rounded to 70%) or 1 std deviation of where price held the most amount of time during the profile period. Likewise the Point of Control is the level at which price spent the most amount of time in the specified profile period. This practice was quickly dropped in-favor of using *volume based* Value Areas and Points of Control (POCs), but is still found as an option on many legacy platforms for personal preference. When introducing volume based value areas(VAs) this simply means the VA is the portion of the profile where 68% (or 1 std Deviation) of the trading volume is transacted, similarly the POC is the highest volume point during the profile period and can oftentimes serve as points of hesitation or inflection. The Spacetime Profile offers a few key differences and solely focuses on volume based calculations at this time. Instead of the traditional expansion of the profiles, one of the benefits of the Spacetime Profile overlay is users

can add candles and a variety of other indicators directly on the chart to help determine price action and more granularity of data within the Profile.

Common Profile + Timeframe Combinations:

Daily Profile -- 30 Minute Chart

Weekly Profile -- 4 Hour Chart

Monthly Profile -- 12 Hour Chart

Quarterly Profile -- Daily or 3 Day Chart

SPACEMANBTC

Indicator Settings/Parameters:

Composite

SpaceTime Profile Advanced ×

[Inputs](#) [Style](#) [Visibility](#)

COMPOSITE

Enable Composite ?

Start Time

End Time

Function	Description
<i>Enable Composite</i>	<i>Users can join or merge profiles by enabling the toggle and specifying the timeframe to be merged (Note* Profile Timeframe must be larger smaller than date range selected to see effects)</i>
<i>Start Time</i>	<i>Time at which the merging of profiles begins</i>
<i>End Time</i>	<i>Time at which the merging of profiles ends</i>

TPO Data Customization

TPO DATA CUSTOMIZATION

Drawing Style

Market Profile Timeframe

MP Historical Data

TickSize Auto TickSize ?

POC/VA Line Thickness

Initial Balance Thickness

Function	Description
<p><i>Drawing Style</i></p>	<p><i>Illustration, a line only mode, hides all TPO data but provides the profile in a simple easy to visualise mode similar to a VP, useful for data gathering for the shape of a profile and is the most popular option.</i></p> <p><i>TPO Lettering provides the TPO data with the lettering to represent the time at which each print was made A being first 30 minutes of the day B being the second.</i></p> <p><i>TPO Block same as TPO lettering with only blocks instead, gives the individual prints without specifying what time.</i></p> <p><i>Levels Only only displays the levels e.g. POC,NPOC,SP,VAL,VAH,EXCESS.</i></p>
<p><i>Market Profile Timeframe</i></p>	<p><i>Select the timeframe for the profile to be displayed in (this is solely profile timeframe NOT candle timeframe) * See recommended profile + candle timeframes</i></p>
<p><i>MP Historical Data</i></p>	<p><i>No Data shows no additional data than the existing range of max data by TV. 15-20 Profiles on average.</i></p> <p><i>All Data, shows all possible historical data, including MP and Levels data. Increasing to almost 30 profiles.</i></p> <p><i>MP Data, removes levels data just a look back at the MP profile data only.</i></p> <p><i>Levels Only Only only displays the levels e.g. POC,NPOC,SP,VAL,VAH,EXCESS historically add a lot more data useful for old NPOCS and areas after long periods of time.</i></p>
<p><i>Tick Size</i></p>	<p><i>*This must be adjusted for every coin/product*</i></p> <p><i>Tick size is the level of granularity to which the data is stored and displayed visually, a lower tick size will provide more detailed information but may be limited in Data lookback period. A higher tick size will allow for more data to be loaded historically but can distort or mask some details in aggregation.</i></p> <p><i>Recommended rule of thumb for tick size is to start with .5%-1% (1-2% on more liquid pairs) of the product traded price and then manually adjust +/- based on volatility and preference</i></p>
<p><i>Auto Ticksize</i></p>	<p><i>Allows for users to switch between charts without manually tuning the ticksize to each individual asset. This is useful for</i></p>

	<i>quick scanning multiple profiles, disabling this allows for user fine tuning and is recommended for advance users.</i>
<i>POC/VA Thickness</i>	<i>Line display thickness of current and historical Value Areas & POCs</i>
<i>Initial Balance Thickness</i>	<i>Line display thickness of the initial balance range</i>

General MP Settings

GENERAL MP SETTINGS

- Naked PoC
- Naked SP
- Show Value Area
- Historical Value Area Lines
- Shade Excess/SP
- Initial Balance

Function	Description
<i>Naked POC</i>	<i>If checked: Show/extend Naked POCs until intersection</i>
<i>Naked SP</i>	<i>If checked: Show/extend Single Prints until intersection</i>
<i>Show Value Area</i>	<i>If checked: Shade value areas in all profiles & display VA lines</i>
<i>Historical VA Lines</i>	<i>If checked: Show historical Value areas of previous profiles</i>
<i>Shade Excess/ SP</i>	<i>If checked: Show/extend excess and SP until intersection</i>
<i>Initial Balance</i>	<i>If checked: Show/extend Initial balance until the end of the period</i>

Illustration Mode Settings

ILLUSTRATION MODE SETTINGS

High Res Lettering Show Open / Close ⓘ

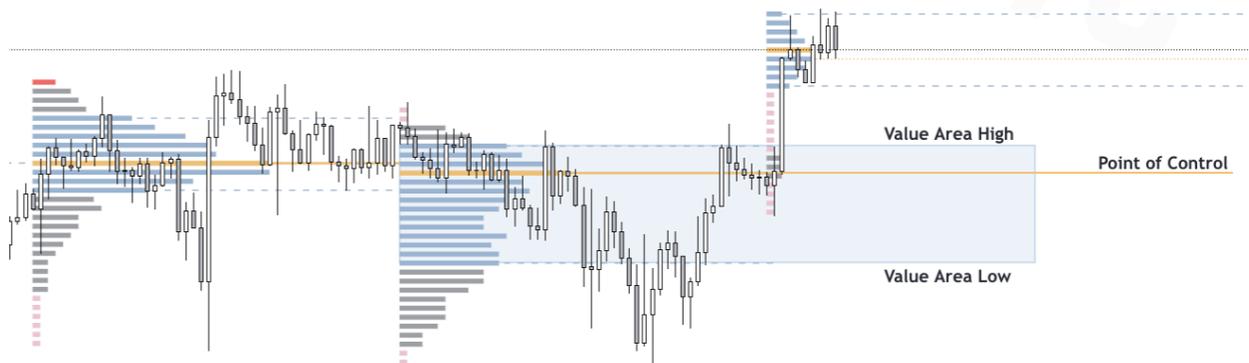
Lettering Size

Small ▼

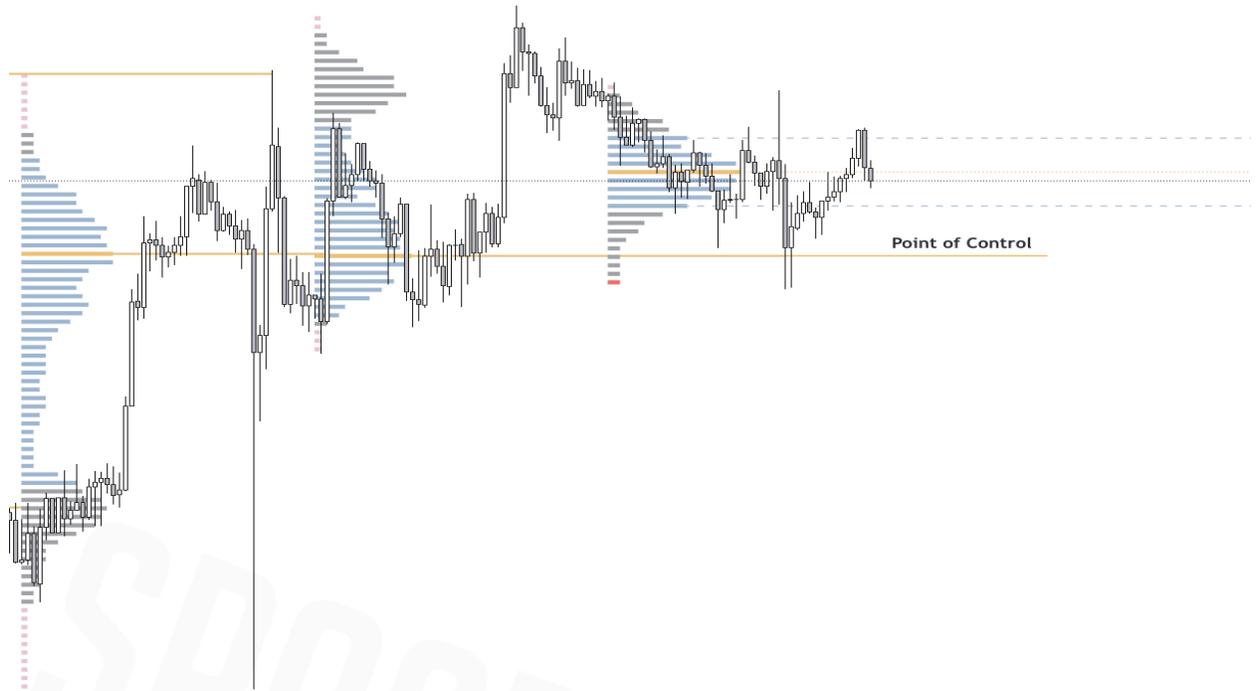
Function	Description
<i>High Res Lettering</i>	<i>TPO Lettering on illustration mode, less TPOs than the drawing styles tab but a lot neater to read for users and incredible powerful.</i>
<i>Show Open/Close</i>	<i>Display open arrow (green) & close arrow (red) on the session start and close of the profile</i>
<i>Letter Sizing</i>	<i>Letter sizes just for the High Res Lettering</i>

Indicator/tool Examples:

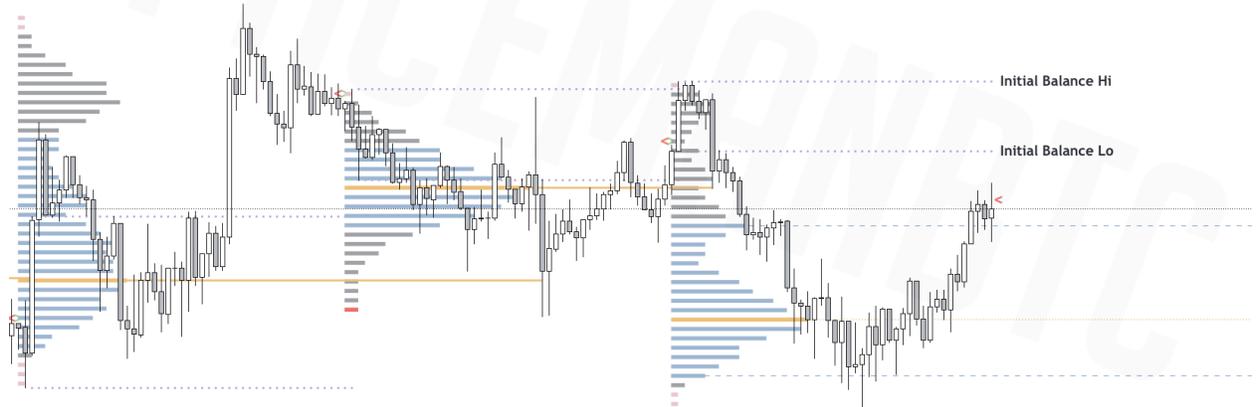
Value Area High & Value Area Low



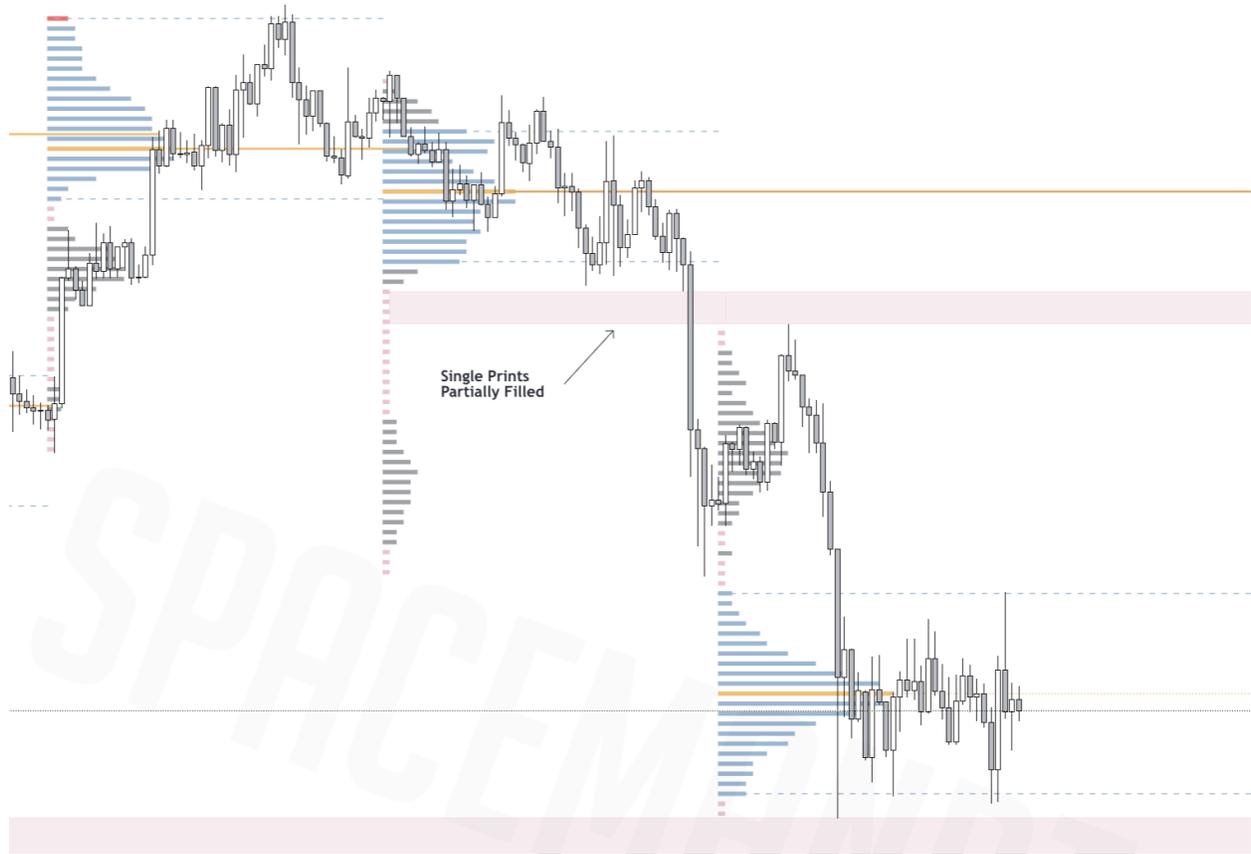
Point of Control



Initial Balance



Single Prints



Naked VAs & POCs



Composite