

SMC + D&S MTF 3.5

Professional User Manual

Demand & Supply • Multi-Timeframe Structure • SMC • Alerts • Virtual Trade Setup

Multi-Timeframe Structure



Preset Mode automatically assigns the three timeframes and their Swing Length values.

Default Mode: Positional | LTF: 1 Day | MTF: 1 Week | HTF: 1 Month | Swing Length: 20 / 10 / 6



CONTENTS

SMC + D&S MTF 3.5 | Professional User Manual

Introduction & Overview

1. Visibility
2. SMC D&S + Breakout
3. Nested Coincide Zones
4. Trading & Investment Mode
5. DZ/SZ Box Marking
6. Zone Labels
7. Tested / Mitigated Zone Removal
8. Virtual Trade Setup
9. Trend Meter and TF Settings
10. Alerts
11. Display — BOS / CHoCH Moves
12. SMC Premium / Discount
13. Institutional Extra Big Displacement
14. Institutional Move Configuration
15. Explosive Candle Appearance
16. Curve Analysis
17. Chart Output — What You See

1. Select the Mode — Choose Manual, Scalping, Intraday, Swing, Positional, or Investment. Preset modes automatically assign LTF, MTF, HTF and Swing Length.
2. Read the Timeframe Hierarchy — HTF provides broader context, MTF provides intermediate confirmation, and LTF provides the lower-timeframe view used for more detailed analysis.
3. Identify Zones — Review DZ/SZ first, then check EDZ/ESZ and DZ-EXP/SZ-EXP conditions when enabled.
4. Check Multi-Timeframe Agreement — Look for nested or coinciding zones across HTF, MTF, and LTF.
5. Confirm Structure — Review Bullish/Bearish Moves, BOS/CHoCH labels, and optional HH/HL/LH/LL swing labels.
6. Review Premium/Discount — Use the Premium, Middle, and Discount reference levels as contextual chart information.
7. Configure Alerts — Set proximity and confirmation preferences before creating TradingView alerts.
8. Use Virtual Trade Levels Carefully — Treat Entry, SL and target levels as educational chart references only.

Introduction & Overview

This indicator displays Demand (DZ) and Supply (SZ) zones, market structure, nested zones, alerts, Price move scores, Premium/Discount pricing, and optional virtual trade levels across three different timeframes directly on the chart.

Explanation: SMC stands for **Smart Money Concepts**, and D&S stands for **Demand & Supply**. This indicator brings together the key concepts of both methodologies into a unified analytical framework, combining **Demand & Supply Zones, Order Blocks, Market Structure, and Multiple Timeframe (MTF) analysis** to provide a comprehensive top-down view of market conditions.

1. Visibility

Visibility (Higher to Lower) — all options are ON by default.

VISIBILITY (HIGHER TO LOWER) HTF↔MTF↔LTF

☒ HTF→MTF ☒ MTF→LTF ☒ HTF→LTF

VISIBILITY (LOWER TO HIGHER) LTF↔MTF↔HTF

☐ LTF→MTF ☐ MTF→HTF ☐ LTF→HTF

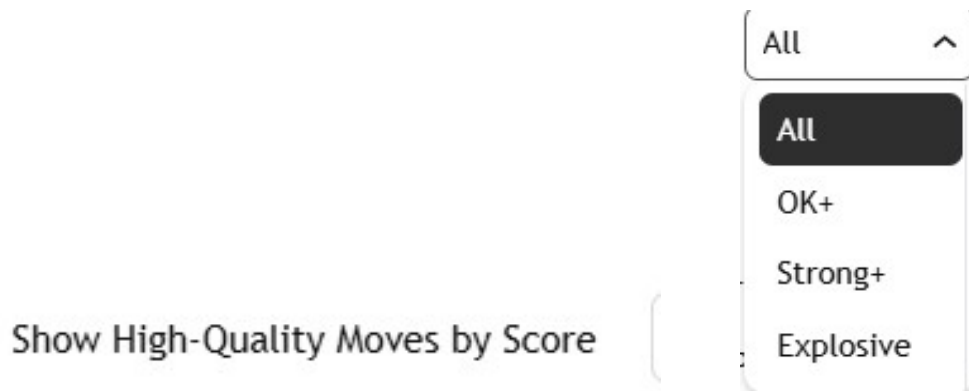
HTF to MTF, MTF to LTF, and HTF to LTF control whether higher-timeframe zones are projected onto the corresponding lower-timeframe charts.

Visibility (Lower to Higher) — all options are OFF by default.

LTF to MTF, MTF to HTF, and LTF to HTF control whether lower-timeframe zones are projected onto higher-timeframe charts.

2. SMC D&S + Breakout

- **Show High-Quality Moves by Score** — All / OK+ / Strong+ / Explosive. Filters moves and zones according to the chart timeframe. Default: All.



- **Move Score** — displays the score on the move label. Default: ON.



- **Zone Table** — displays the nearest relevant zone information. Default: ON.

Sym	LTP	Type	Prox	Dist	Prox%	Tr
BANKNIFTY	55563.2	DZ(4H)	55358.1	55097.6	0.37	TF 240▼
BANKNIFTY	55563.2	NoZ(1H)				TF 60-
BANKNIFTY	55563.2	NoZ(15Min)				TF 15-

- **Enable Extreme EDZ/ESZ on Chart** — displays confirmed Extreme Demand/Supply Zones. Default: ON.



- **Enable Extreme Explosive DZ-EXP/SZ-EXP** — displays zones created from major explosive candles. Default: ON.



- **Explosive Primary Zone Settings** — when enabled, Primary DZ/SZ zones are created only after an explosive candle. Default: OFF. Body % = 65, ATR Multiplier = 1.2, Volume Multiplier = 1.2.

☐ Explosive Primary Zone Settings

Primary Zone Body %

65

Primary Zone ATR Mult

1.2

Primary Zone Volume Mult

1.2

- **Show Only Untouched Fresh Zones** — hides zones that have already been touched. Default: **OFF**.

☐ Show Only Untouched Fresh Zones

- **Mitigation Method** — Touch / Close Inside Zone (default) or Close Outside Zone. With the first method, the zone is considered mitigated when price touches or closes inside it. With the second method, the zone is removed when price closes beyond the distal boundary.

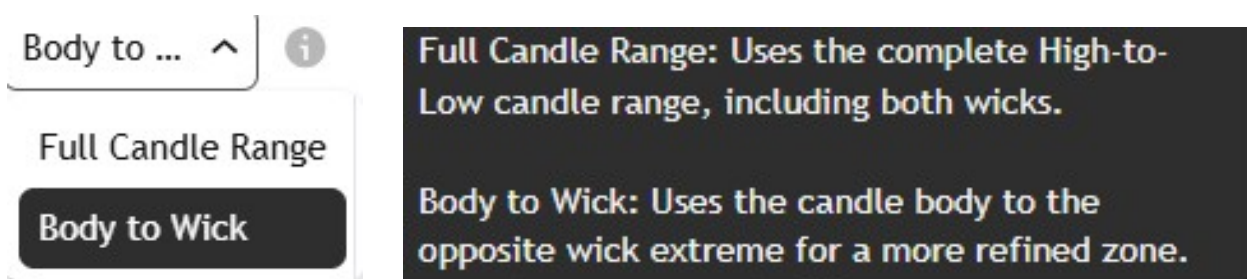


- **Mitigated Zone Color + Opacity** — controls the color and transparency of mitigated zones. Default opacity: **95**.

Mitigated Zone Color  Opacity

- **DZ/SZ Zone Marking Style** — Body to Wick (default) or Full Candle Range (High to Low).

DZ/SZ Zone Marking Style



- **Minimum Base Candle for Zone** — 1 to 3 base candles. Default: 1.

Minimum Base Candle for Zone

1

- **DZ/SZ Zone Liquidity Sweep Marking** — includes the liquidity-sweep candle within the zone. Default: ON.



- **Sweep DZ/SZ Boundary** — OB + Sweep Extreme (default) or Full Sweep Candle.

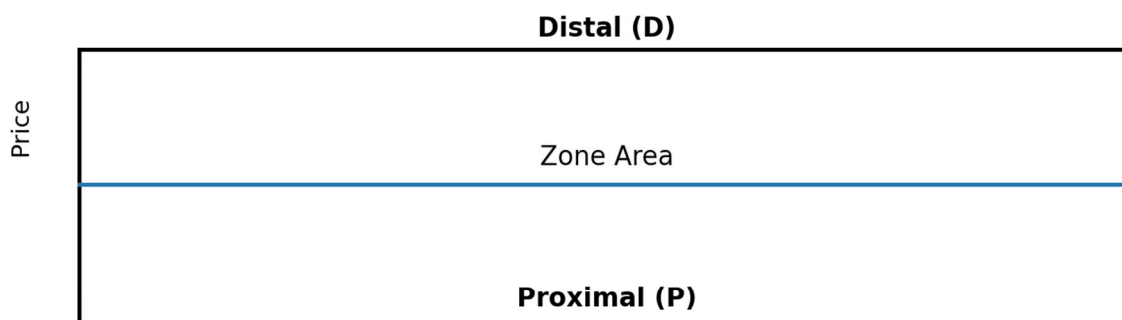
Sweep DZ/SZ Boundary

OB + Sw... ^

Full Sweep Candle

OB + Sweep Extreme

Demand / Supply Zone Anatomy



Body-to-Wick or Full Candle Range can be selected for zone marking.

Figure 1 — Simplified Proximal/Distal zone reference for understanding zone boundaries.

3. Nested Coincide Zones

- Zones are considered nested when zones of the **same direction overlap or coincide** across selected timeframes.

NESTED COINCIDE ZONES

☐

Show Only Nested Coincide Zones

☒

HTF-MTF

☒

HTF-LTF

☒

MTF-LTF

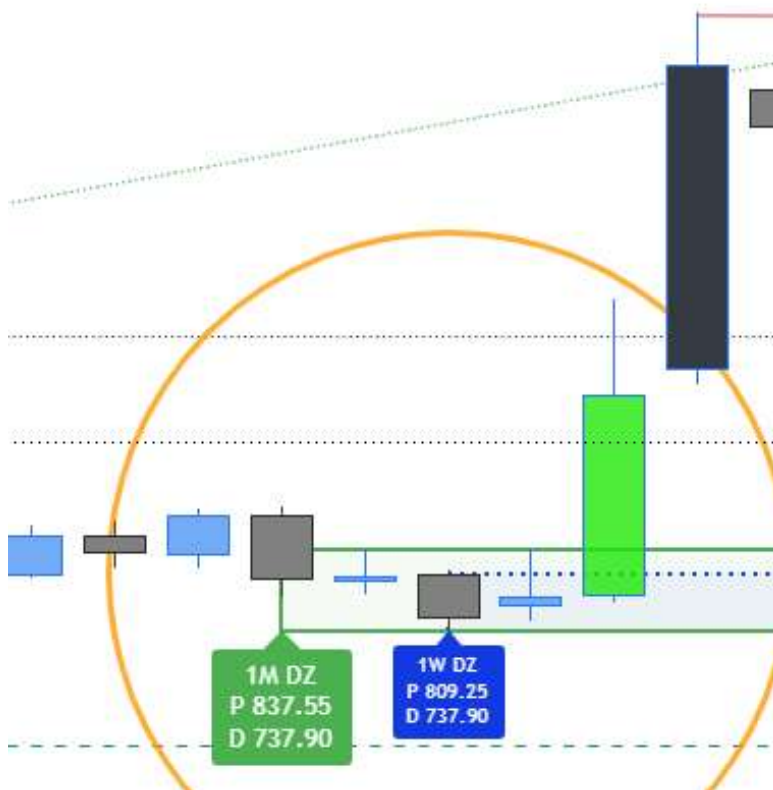
☒

HTF-MTF-LTF

☒

Also SZ (same HTF/MTF/LTF pairs)

- **Show Only Nested Coincide Zones** — Default: OFF. When enabled, only the selected timeframe combinations are displayed.



- **HTF-MTF, HTF-LTF, MTF-LTF, and HTF-MTF-LTF** select the timeframe combinations treated as nested. Default: all ON.
- **Also SZ** — applies the same nested combinations to Supply Zones. Default: ON.
- **Enable Nested Coincide Alerts** — Default: OFF. Nested Alert Proximity % triggers an alert when price enters the specified proximity of the nested zone. Default: 5%.
- **TradingView Alert** — set Condition = this indicator. Alerts use the timeframes associated with the selected Trading & Investment Mode.

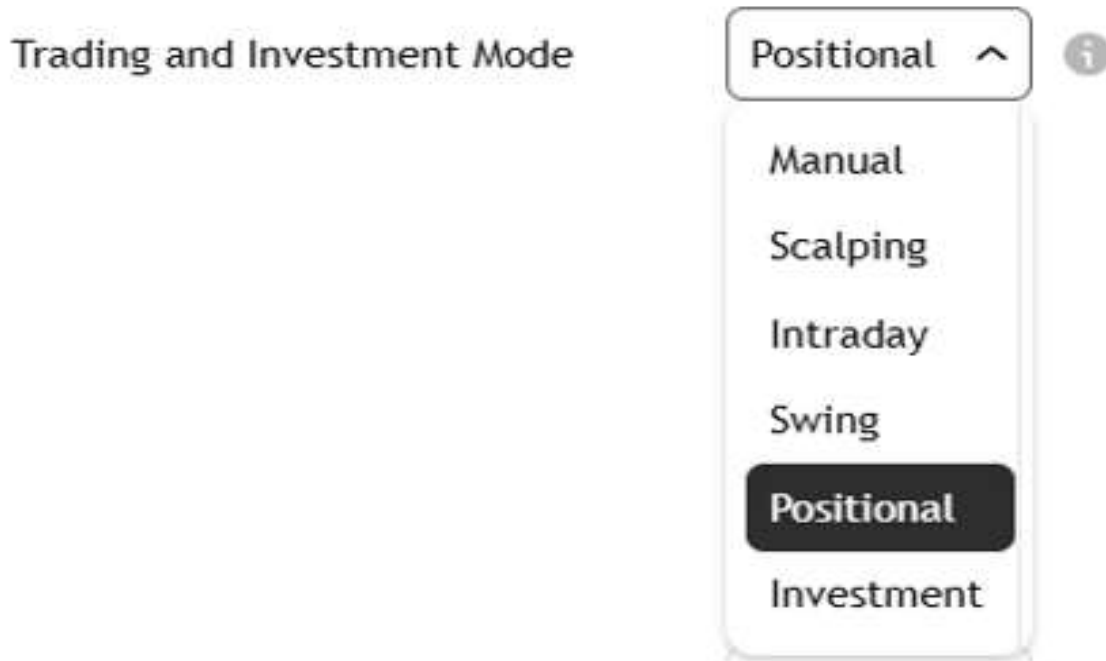


Enable Nested Coincide Alerts Nested Alert Prox %

1

4. Trading & Investment Mode

The Trading & Investment Mode controls the Lower, Middle, and Higher Timeframes used by the indicator.
Default: Positional.



Mode	LTF	MTF	HTF	Swing Length
Scalping	5m	15m	1 Hour	20 / 20 / 14
Intraday	15m	1 Hour	4 Hours	20 / 14 / 14
Swing	1 Hour	4 Hours	1 Day	14 / 12 / 20
Positional	1 Day	1 Week	1 Month	20 / 10 / 6
Investment	1 Week	1 Month	3 Months	10 / 6 / 3
Manual	1 Day	1 Week	1 Month	User-defined

Display Lower / Middle / Higher Timeframe — controls whether each selected timeframe is displayed on the chart. **Default: ON.**

Swing Structure Candle — These values are active and applied only when the Trading & Investment Mode is set to Manual. In all other preset modes, the predefined Swing Length values assigned to that mode are used automatically.

Trading and Investment Mode	Manual  
☒ Display Lower Timeframe	
Swing Structure Candle	20
MID TIMEFRAME (MTF)	
☒ Display Middle Timeframe	
Swing Structure Candle	10
HIGHER TIMEFRAME (HTF)	
☒ Display Higher Timeframe	
Swing Structure Candle	6

Default values are 20, 10, and 6. Preset modes use the Swing Length values shown above. These manual inputs do not override preset modes.

75-minute is not included in any preset.

5. DZ/SZ Box Marking

- Separate DZ/SZ Box Marking settings are available for Lower, Middle, and Higher Timeframes.

LOWER TIMEFRAME DZ/SZ BOX MARKING

DZ Background  Border  SZ Background  Border 

Opacity Style Width

Offset ☒ Show Border ☒ Show Fill

TF1 Size TF1 Max Zones

MID TIMEFRAME DZ/SZ BOX MARKING

DZ Background  Border  SZ Background  Border 

Opacity Style Width

Offset ☒ Show Border ☒ Show Fill

TF2 Size TF2 Max Zones

HIGHER TIMEFRAME DZ/SZ BOX MARKING

DZ Background  Border  SZ Background  Border 

Opacity Style Width

Offset ☒ Show Border ☒ Show Fill

TF3 Size TF3 Max Zones

- DZ Background, DZ Border, SZ Background, and SZ Border control zone appearance.
- Opacity default: 95. Style: LTF Solid, MTF Dotted, HTF Solid. Additional controls include Width, Offset, Show Border, and Show Fill.
- Label Size: LTF and MTF = Small; HTF = Normal. Max Zones default: 10. Older zones beyond this limit are removed.

6. Zone Labels

Show TF on Label — **Default: ON.** Show P (Proximal) / D (Distal) values — **Default: ON.**

ZONE LABELS

☒ Show TF on Label ☒ Show P(Proximal Price) / D(distal Price) Values

7. Tested / Mitigated Zone Removal

TESTED / MITIGATED ZONE REMOVAL

☒ Remove Labels After Zone Breach

☐ Show Breached Zone Labels

Remove Labels After Zone Breach — **Default: ON.**

Show Breached Zone Labels — **Default: OFF.** When enabled, the label remains as Br DZ / Br SZ after a zone breach.

8. Virtual Trade Setup

Educational Entry, Stop Loss, 1:1, 1:2, and 1:3 levels. These levels are for educational and chart-analysis purposes only and are not trade advice. Both controls must be enabled: the Disclaimer Checkbox AND Enable Virtual Trade Setup. If either is disabled, the levels are not displayed.

Virtual Trade Setup provides calculated/simulated Entry, Stop Loss, Target and Quantity levels for educational and informational purposes only. It is not investment advice or an instruction to trade. Trading involves risk. Users are solely responsible for their own trading and investment decisions.

VIRTUAL TRADE SETUP

☒ ☒ I understand and agree to the Virtual Trade Setup Disclaimer 

☒ Enable Virtual Trade Setup

☒ Entry ☒ Stop Loss

☒ 1:1 ☒ 1:2 ☒ 1:3

Trade Plan TF Chart T... ☐ Show Entry Distance %

☐ Show Only Near Entry Entry Proximity % 1

Entry Buffer Mode Points Entry Buffer 0

☐ Use 50% Entry Level

SL Buffer Mode Points SL Buffer 0

Extend Bars 20

☒ Remove Zone On SL Hit SL Hit Mode Close

Label Size Normal

Entry Blue SL Red Target Green

Entry Style Solid Width 2

SL Style Dashed Width 2

Target Style Dotted Width 2

☒ Show Qty ☐ Show SL Rs ☐ Show Target Rs

Capital (Rs) 1 Use % of Capital 0.1

☐ Enable Manual Qty Manual Qty 1

- **Entry, Stop Loss, 1:1, 1:2, 1:3** — selects which levels are displayed.
- **Trade Plan TF** — Chart TF Match (default) or Nearest Any TF.
- **Show Entry Distance %** — **Default: OFF.**

Show Only Near Entry + Entry Proximity % (default: 1%). When enabled, the plan is shown only when price is within the specified proximity.

- **Entry Buffer** — Ticks / Points / Percent. Default: Points, Value: 0.

Use 50% Entry Level places the educational entry at the zone midpoint instead of the proximal level. **Default: OFF.**

- **SL Buffer** — same buffer options as Entry Buffer. Default: Points, Value: 0. Extend Bars default: 20.

- **Remove Zone On SL Hit** — **Default: ON.** SL Hit Mode: Wick or Close (default: Close).

- Color, line style, width, and label size controls are available.

- **Show Qty: ON. Show SL Rs and Show Target Rs:** Default OFF. **Capital (Rs): Default 1. Use % of Capital:** Default 0.1. **Quantity = (Capital × %) / Entry.**

- **Enable Manual Qty: Default OFF.** When enabled, the manually entered quantity is used.

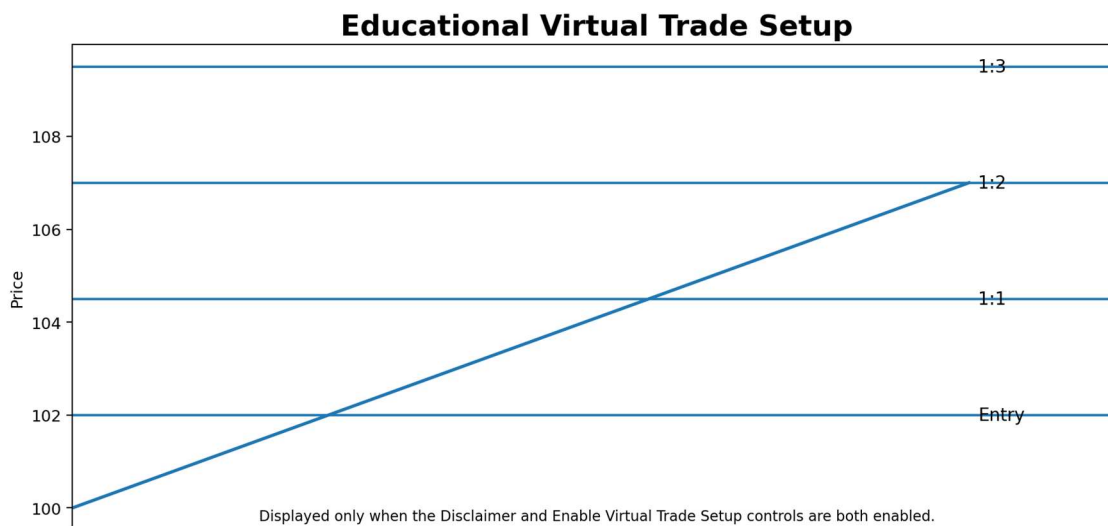


Figure 2 — Illustrative Virtual Trade levels. This diagram is explanatory only.

9. Trend Meter and TF Settings

TREND METER AND TF SETTINGS

☒ Trend Meter	Meter Pos	bottom_... ▾
☒ Auto Meter Align		
Zone Table Pos		top_right ▾
Select Trend Lower TF		1 day ▾
Select Trend Middle TF		1 week ▾
Select Trend Higher TF		1 month ▾

- **Trend Meter** — displays an up/down trend arrow. Default position: Bottom Right.
- **Auto Meter Align: ON** — automatically aligns the Trend Meter with the Mode's LTF/MTF/HTF timeframes. When OFF, Select Trend Lower/Middle/Higher TF (D / W / M) is used.
- **Zone Table Position:** Default Top Right. Columns: Symbol, LTP, Type, Proximal, Distal, Proximity%, Trend.

10. Alerts

All alert options are OFF by default.

- **Prox % default: 3%** — triggers when price enters the specified percentage from the proximal boundary. Alert Candle: **Confirm Close (default) or Running Candle.**

ALERTS

Prox %

Alert Candle

Running... ^

Confirm Close

Running Candle

- ☒ Enable Primary DZ/SZ Proximal Proximity Alerts
- ☒ Enable Extreme(EDZ/ESZ) Proximal Proximity Alerts
- ☒ Enable Zone Breached/Mitigated Alerts
- ☒ Enable Check Next Strong Demand/Supply Zone Alerts
- ☒ Enable Extreme Demand Supply Zone (EDZ/SZ) confirmed Alerts

- **Primary DZ/SZ proximal-proximity alerts.**
- **Extreme EDZ/ESZ proximal-proximity alerts.**
- **Zone Breached/Mitigated alerts.**
- **Check Next Strong Demand/Supply Zone alerts** — checks for the next fresh zone after a breach.
- **Confirmed Extreme Demand/Supply Zone (EDZ/ESZ) alerts.**
- **To create a TradingView alert, set Condition** = this indicator and use the configured message as-is.

11. Display — BOS / CHoCH Moves

DISPLAY

☒ Bullish Moves ☒ Bearish Moves

☒ Show Lines ☒ Show Labels

Width Style 

☐ Show Swing Labels

X Offset (Bars) Y Offset (%)

Bullish Color  Bearish Color 

Move Label Size 

Max Displayed Moves

☒ Delta>20% Text Color

☒ Delta>20% Emoji

- **Bullish Moves,**
- **Bearish Moves,**
- **Show Lines,**
- **Show Labels — Default: ON.**
- **Width: 1. Style: Dotted.**
- **Show Swing Labels (HH/HL/LH/LL) — Default: OFF.**
- X Offset – 0
- Y Offset- 0 _____ can be adjust available.
- Bullish Color - **Green**
- Bearish Color - **Red**
- Move Label Size: **Normal,**
- Max Displayed **Moves: 10.**
- Delta > 20% Text Color and
- Delta > 20% Emoji — **Default: ON.**

12. SMC Premium / Discount

SMC P/D

☒ SMC Premium/Discount

☒ Show P/D labels

Fibo Extend Bars (Right)

9

☒ Premium 0

0



--



1

☒ Discount 100

100



--



1

☒ Middle 50

50



...



1

P/D Label Size

Normal



Alert Fibo Level (%)

78

☒ Enable Fibo Alert

The current move is divided into three Fibonacci reference levels: Premium 0, Middle 50, and Discount 100.
Fibo Extend Bars default: 9.

P/D labels: **ON.**

Alert Fibo Level % default: 50.

Enable Fibo Alert default: OFF. - A custom percentage can be used instead of the displayed reference level.

13. Institutional Extra Big Displacement

INSTITUTIONAL EXTRA BIG DISPLACEMENT

ATR Length	14	Disp ATR ×	2.5
Min Body %	50	Vol ×	1.2
Close Near %	25	Extra Big Bull	☐ Extra Big Bear

Large Candle settings:

ATR Length 14,

Displacement ATR × 2.5,

Minimum Body % 50,

Volume × 1.2,

Close Near % 25.

Extra Big Bull = Black;

Extra Big Bear = Yellow. These candle conditions are used for **DZ-EXPLOSIVE / SZ-EXPLOSIVE** identification.

Can be set /Adjust as per requirement

14. Institutional Move Configuration

INSTITUTIONAL MOVE CONFIGURATION

Explosive Candle Ratio

65

Explosive Candle Multiplier

1.2

Candle BcB Ratio

45

☐ Enable Boring Candle Color

Boring Candle Color



- Explosive Candle Ratio: 65.
- Explosive Candle Multiplier: 1.2.
- Candle BcB Ratio: 45.
- Enable Boring Candle Color default: OFF.

15. Explosive Candle Appearance

EXPLOSIVE CANDLE APPEARANCE

☒ Enable Explosive Candle Color

☒ Bullish Explosive Candle



☒ Bearish Explosive Candle



Enable Explosive Candle Color default: ON.

- Bullish explosive candles are shown in **green**
- bearish explosive candles are shown in **red**.

16. Curve Analysis

CURVE ANALYSIS

☐ Enable Curve Structure Analysis

Curve Zone Part 1 Color



Curve Zone Part 2 Color



Curve Zone Part 3 Color



Curve Transparency

85

☒ Show 33.33% Level ☒ Show 66.66% Level ☒ Show Curve Boundary

Default: OFF.

Enable Curve Structure Analysis. The range from **HTF Supply Proximal** to **HTF Demand Proximal** is divided into **three sections using 33.33% and 66.66% boundaries.**

- Curve Transparency: 85.
- Show Curve Boundary: **ON**.
- Separate colors are available for Parts 1, 2, and 3.

17. Chart Output — What You See

- **DZ / SZ** — **standard** Demand/Supply zones.
- **EDZ / ESZ** — confirmed **Extreme** Demand/Supply zones.
- **DZ-EXP / SZ-EXP** — zones created from **Extra Big / Explosive Candle** conditions.
- **Br DZ / Br SZ** — breached-zone labels, when enabled.
- **B / C (BOS/CHoCH)** — Break of Structure(**BOS**) / Change of Character(**CHoCH**) move.
- **Zone Table and Trend Meter.**
- Virtual Trade levels are **displayed only when both the Disclaimer and Enable Virtual Trade Setup** controls are **ON**.

Quick Start & Practical Workflow

1. **Select the Mode** — Choose Manual, Scalping, Intraday, Swing, Positional, or Investment. Preset modes automatically assign LTF, MTF, HTF and Swing Length.
2. **Read the Timeframe Hierarchy** — **HTF** provides broader context, **MTF** provides intermediate confirmation, and **LTF** provides the lower-timeframe view used for more detailed analysis.
3. **Identify Zones** — Review DZ/SZ first, then check EDZ/ESZ and DZ-EXP/SZ-EXP conditions when enabled.
4. **Check Multi-Timeframe Agreement** — Look for **nested or coinciding zones** across HTF, MTF, and LTF.
5. **Confirm Structure** — Review Bullish/Bearish Moves, BOS/CHoCH labels, and optional HH/HL/LH/LL swing labels.
6. **Review Premium/Discount** — Use the Premium, Middle, and Discount reference levels as contextual chart information.
7. **Configure Alerts** — Set proximity and confirmation preferences before creating TradingView alerts.
8. **Use Virtual Trade Levels Carefully** — Treat Entry, SL and target levels as educational chart references only.

Important: The indicator provides rule-based chart references. Virtual Trade levels are educational and should not be treated as personalized financial advice.