Volume Oracle Settings Guide

Order Flow Confluence Engine Configuration

What Is Volume Oracle?

Volume Oracle is Signal Pilot's volume analysis and order flow confluence indicator. It synthesizes multiple volume metrics into actionable signals: - **Volume analysis** (above/below average) - **Delta (buy vs. sell pressure)** - **Cumulative volume delta (CVD)** - **Volume profile zones** - **Confluence scoring**

Core Components

COMPONENT	WHAT IT MEASURES	DISPLAY
Volume Bars	Current vs. average volume	Colored histogram
Delta	Buy volume minus sell volume	Green/red bars
CVD Line	Cumulative delta trend	Line overlay
POC	Point of Control (highest volume price)	Horizontal line
VAH/VAL	Value Area High/Low	Zone boundaries
Confluence Score	Multiple factors combined	0-100 score

Default Settings

Volume Analysis

SETTING	DEFAULT	RANGE	PURPOSE
Volume MA Length	20	10-50	Average volume baseline
High Volume Threshold	1.5x	1.2-2.0x	Above average definition
Low Volume Threshold	0.7x	0.5-0.9x	Below average definition
Volume Smoothing	3	1-5	Reduce noise

Delta Analysis

SETTING	DEFAULT	RANGE	PURPOSE
Delta Calculation	Close-based	Close/OHLC	How delta is estimated
Delta MA Length	14	7-21	Delta trend smoothing
Significant Delta	2x	1.5-3x	Strong delta threshold

Volume Profile

SETTING	DEFAULT	RANGE	PURPOSE
Profile Period	Session	Session/Daily/Weekly	Profile scope
Row Size	24	12-48	Price level granularity
Value Area %	70	68-80	VAH/VAL calculation
Show POC	On	On/Off	Point of Control line

Volume Bar Color Coding

Standard Mode

COLOR	MEANING	VOLUME LEVEL
🟢 **Bright Green**	High volume + price up	>1.5x average, bullish
🟢 Light Green	Normal volume + price up	0.7-1.5x average, bullish
🔴 **Bright Red**	High volume + price down	>1.5x average, bearish
🔴 Light Red	Normal volume + price down	0.7-1.5x average, bearish
⚪ Gray	Low volume	<0.7x average

Delta-Enhanced Mode

COLOR	MEANING
🟢 Green bar + green outline	Price up, positive delta (confirmed)
🟢 Green bar + red outline	Price up, negative delta (divergence!)
🔴 Red bar + red outline	Price down, negative delta (confirmed)
🔴 Red bar + green outline	Price down, positive delta (divergence!)

Confluence Score Breakdown

Score Components

```
Confluence Score = Sum of:
├── Volume component (0-25 pts)
├── Delta component (0-25 pts)
├── CVD component (0-25 pts)
└── Profile component (0-25 pts)

Total: 0-100 points
```

Score Interpretation

SCORE	INTERPRETATION	ACTION CONTEXT
80-100	Very strong confluence	High conviction signal
60-79	Strong confluence	Standard signal
40-59	Moderate confluence	Proceed with caution
20-39	Weak confluence	Wait for better setup
0-19	No confluence	Avoid trading

Preset Configurations

Preset 1: Scalping

```
Volume MA Length: 10
High Volume Threshold: 1.3x
Delta Calculation: Close-based
Delta MA Length: 7
Profile Period: Session
Row Size: 48 (fine granularity)
```

Best for: 1m-5m charts, quick volume spikes

Preset 2: Day Trading

```
Volume MA Length: 20
High Volume Threshold: 1.5x
Delta Calculation: Close-based
Delta MA Length: 14
Profile Period: Session
Row Size: 24
```

Best for: 15m-1H charts, intraday setups

Preset 3: Swing Trading

```
Volume MA Length: 30
High Volume Threshold: 2.0x
Delta Calculation: OHLC-based
Delta MA Length: 21
Profile Period: Weekly
Row Size: 24
```

Best for: 4H-Daily charts, multi-day holds

CVD (Cumulative Volume Delta) Settings

CVD Display Options

SETTING	OPTIONS	RECOMMENDATION
Show CVD Line	On/Off	On
CVD Color Mode	Single/Gradient	Gradient
CVD Smoothing	1-5	3
Show CVD Divergence	On/Off	On

Reading CVD

CVD PATTERN	PRICE PATTERN	INTERPRETATION
CVD rising	Price rising	Confirmed uptrend
CVD rising	Price falling	Bullish divergence (accumulation)
CVD falling	Price falling	Confirmed downtrend
CVD falling	Price rising	Bearish divergence (distribution)

Volume Profile Settings

Profile Period Options

PERIOD	SHOWS	BEST FOR
Session	Current day's profile	Day trading
Daily	Yesterday + today	Swing context
Weekly	Current week	Swing trading
Custom	User-defined bars	Special analysis

Key Profile Levels

LEVEL	WHAT IT IS	HOW TO USE
POC	Price with most volume	Strong S/R, magnet for price
VAH	Upper 70% volume boundary	Resistance zone
VAL	Lower 70% volume boundary	Support zone
HVN	High Volume Node	Strong S/R
LVN	Low Volume Node	Price moves fast through

Integration with Other Indicators

Volume Oracle + Pentarch

PENTARCH SIGNAL	VOLUME ORACLE CONFIRMATION
TD	High volume, positive delta, at/below VAL
IGN	Volume expansion, CVD rising
WRN	Declining delta despite price rise
CAP	Climax volume (2x+), exhaustion
BDN	High volume breakdown, negative delta

Volume Oracle + Janus Atlas

JANUS SIGNAL	VOLUME ORACLE CONFIRMATION
Sweep at lows	Positive delta on sweep bar
Sweep at highs	Negative delta on sweep bar
Reclaim	Volume confirmation of reversal

Session-Based Settings

Pre-Market / After-Hours

```
Volume MA Length: 10 (shorter, less liquidity)
High Volume Threshold: 2.0x (only significant spikes)
Show Profile: Off (incomplete data)
```

Market Open (First 30 min)

```
Volume MA Length: 5 (recent context only)
High Volume Threshold: 1.2x (everything is "high")
Profile Period: Previous Session
```

Regular Hours

```
Standard settings
Profile Period: Session (building)
```

Asset-Specific Adjustments

High-Volume Assets (SPY, BTC, AAPL)

```
Volume MA Length: 20 (standard)
High Volume Threshold: 1.5x (standard)
Row Size: 24 (standard)
```

Low-Volume Assets (Small caps, exotic pairs)

```
Volume MA Length: 30 (longer for stability)
High Volume Threshold: 2.0x (filter noise)
Row Size: 12 (fewer levels)
Volume Smoothing: 5 (more smoothing)
```

Crypto (24/7 Markets)

```
Volume MA Length: 20
Profile Period: Custom (8-hour blocks)
Consider session: Asian/London/NY
```

Alerts Configuration

Available Alert Types

ALERT	TRIGGER	USE FOR
High Volume	Volume > threshold	Breakout/breakdown watch
Delta Divergence	Delta vs price mismatch	Reversal warning
CVD Cross Zero	CVD crosses zero line	Momentum shift
At POC	Price reaches POC	Key level test
Outside Value Area	Price exits VA	Breakout/acceptance

Troubleshooting

ISSUE	CAUSE	SOLUTION
Volume always "high"	Threshold too low	Increase to 1.8-2.0x
Volume never "high"	Threshold too high	Decrease to 1.2-1.3x
CVD too choppy	Not enough smoothing	Increase CVD smoothing
Profile too cluttered	Too many rows	Decrease row size to 12
Delta not meaningful	Low volume asset	Use delta only on high vol bars
Confluence always low	Strict settings	Relax thresholds

Optimization Workflow

Daily

- [ ] Check if volume thresholds match recent volatility
- [ ] Verify POC aligns with obvious price reactions
- [ ] Note any CVD divergences forming

Weekly

- [ ] Review confluence scores vs. actual outcomes
- [ ] Adjust thresholds if too many/few signals
- [ ] Check profile period matches trading style

Non-Repainting Guarantee

- Volume bars only render on close
- Delta calculation uses closed bar data
- CVD line updates only on bar close
- Profile levels from historical data (don't repaint)
- Confluence score locks in on bar close

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