

# Volume Oracle v1.0 Guide

## Regime Detection & Institutional Flow Analysis

### What is Volume Oracle?

Volume Oracle is Signal Pilot's **regime detection indicator** that analyzes institutional buying and selling pressure through five backend detection systems. It identifies whether smart money is accumulating, distributing, or neutral.

### Core Function: Regime Detection

Volume Oracle classifies the market into three states:

REGIME	COLOR	MEANING
ACCUMULATION	Green	Sustained institutional buying detected
DISTRIBUTION	Red	Sustained institutional selling detected
NEUTRAL	Gray	No clear directional flow

### Five Detection Engines

Volume Oracle uses five internal systems to determine regime:

#### 1. Market Structure Detection

Swing analysis identifying higher highs/lows vs. lower highs/lows to confirm directional bias.

## 2. Volume Footprint Detection

Classifies each bar into one of four types: - **Momentum** - Strong directional volume - **Absorption** - Volume absorbed at levels - **Spike** - Unusual volume activity - **Normal** - Standard volume

## 3. Regime Stability Index

Tracks how often regime flips occur. Stable regimes = higher conviction.

## 4. Confluence Scoring

Multi-factor alignment scoring up to 7 factors including trend, volume, structure.

## 5. Signal Density Tracking

Monitors clustering of signals in choppy conditions to filter noise.

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## Adjustable Settings (6 Groups)

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### Detection Settings

SETTING	OPTIONS	DESCRIPTION
Volume Spike Threshold	Default 2.0	Multiplier for spike detection
Signal Cooldown	Default 45 bars	Minimum bars between signals
Regime Sensitivity	Conservative/Balanced/Aggressive	Detection strictness
Auto-Volatility Adaptation	On/Off	Adjusts to market conditions

## Risk Settings

SETTING	DEFAULT	DESCRIPTION
Account Size	\$10,000	For position sizing calculation
Risk Per Trade	1%	Risk percentage
ATR Length	14	For stop/target calculation
Stop Multiple	1.5× ATR	Stop loss distance
Target Multiples	2.0-3.5× ATR	Take profit distances
Trailing Stop	Configurable	Trailing stop settings

## Multi-Timeframe Settings

SETTING	DEFAULT	DESCRIPTION
Enable HTF Filter	On/Off	Filter by higher timeframe
Primary HTF	1H	First higher timeframe
Secondary HTF	4H	Second higher timeframe
Strict Mode	On/Off	Require HTF alignment
Min HTF Strength	40%	Minimum HTF confirmation

## Strategy Settings

SETTING	OPTIONS	DESCRIPTION
Strategy Mode	Trend Following/Mean Reversion/Hybrid	Trading approach
Mean Reversion Threshold	Default 2.5	For MR signals

## Display Settings

Toggles for: - Regime table (show/hide) - Background tint - Exit warnings - Quality stars - Tooltips - HTF panel

## Table Style Settings

SETTING	OPTIONS
Layout	Vertical or Horizontal
Position	9 locations (corners/edges)
Text Size	Multiple sizes
Transparency	0-100%
Border/Frame Width	Customizable

## Visual Components

### On-Chart Elements

- **Colored volume bars** - Green/red based on regime
- **Signal labels** - Directional arrows (↑ BULL, ↓ BEAR)
- **Quality star ratings** - ★ to ★★★★★
- **Regime background tint** - Subtle green/red shading
- **Exit warning labels** - ⚠ when conditions change
- **Position management labels** - T1, BE, T2 targets

### Regime Table Dashboard

Displays 8 key fields in real-time:

FIELD	SHOWS
<b>Regime</b>	Current state (Accumulation/Distribution/Neutral)
<b>Strength</b>	0-100% conviction level
<b>Duration</b>	Hours since regime started
<b>Status</b>	STRONG ✓, FADING ▼, WEAK ✕, CRIT ▼
<b>Health</b>	Warning count (●●●●●)
<b>Structure</b>	✓ ALIGNED, ✕ CONFLICT, — UNCLEAR
<b>Market Character</b>	TRENDING ▲, NORMAL —, CHOPPY ▼
<b>Flip Counter</b>	STABLE or countdown to potential regime change

## Signal Quality Scoring

Signals receive a 0-100% quality score based on: - Volume Z-score - Flow consistency - Trend alignment - Regime strength

Displayed as star ratings: | Rating | Score Range | Interpretation |

|-----|-----|-----| | ★★★★★ | 85-100% | High conviction | | ★★ | 70-84% | Good quality | | ★ | Below 70% | Lower conviction |

## How to Use Volume Oracle

### Reading the Regime

1. Check current regime (Green = accumulation, Red = distribution)
2. Verify strength (higher % = more conviction)
3. Confirm structure alignment (✓ means price confirms regime)

4. Note duration (longer regimes = more established)

## Signal Interpretation

- **BULL ↑ with** ★★★★★ = High-conviction long setup
- **BEAR ↓ with** ★★★★★ = High-conviction short setup
- **Exit warning** ⚠ = Consider closing or reducing position

## Multi-Timeframe Approach

Enable HTF filter to ensure your signals align with higher timeframe regime. Strict mode requires both HTFs to confirm.

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## Integration with Other Indicators

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### Volume Oracle + Pentarch

- Volume Oracle provides regime context
- Pentarch signals become more reliable when aligned with Volume Oracle regime
- Example: IGN signal during Accumulation regime = stronger long setup

### Volume Oracle + Janus Atlas

- Volume Oracle shows directional bias
- Janus Atlas provides entry levels
- Trade key levels in direction of Volume Oracle regime

## The Trinity

Pentarch + Janus Atlas + Volume Oracle = Maximum confluence

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For regime-based trading strategies, see the Education Hub curriculum on volume analysis and institutional flow.

## **Signal Pilot Education Hub**

[signalpilot.io](https://signalpilot.io) | [education.signalpilot.io](https://education.signalpilot.io)

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