

SMART SCALPING SIGNALS

Complete User Guide — All Modules Explained

	Trend Engine	MTF Dashboard	VWAP	Key Levels	Discord Alerts
● Platform	TradingView (Pine Script v6)				
● Author	Uncle_the_shooter (Scalping-Algo)				
● Version	Current				
● License	Subscriber Use Only				

TABLE OF CONTENTS

01	Trend Engine — SwiftTrend Core	03
02	Win Rate Tracker	04
03	VWAP Overlay	04
04	Key Levels — PM & Prev Day	05
05	MTF Dashboard	06
06	Discord Webhook Alerts	07
07	Settings Quick Reference	08
08	Recommended Setups	09

■ This guide covers every input parameter, visual element, and operational feature of Smart Scalping Signals. Read Section 8 for ready-to-use chart configurations.

1 TREND ENGINE — SWIFTTREND CORE

The SwiftTrend engine is the core of the indicator. It measures the **average candle body size** over a configurable lookback window, constructs dynamic upper/lower bands around each bar's body midpoint, and detects trend direction by tracking when price breaks through a **tolerance zone** — filtering noise and preventing premature flips.

PARAMETERS

Parameter	Default	Range	Purpose & Tuning Notes
Lookback Period	200	1 – ∞	Bars used for the average body calculation. Lower (80–120) = faster, noisier signals. Higher (200+) = slower, smoother trend detection. Recommended: 100–200 for intraday scalping.
Band Multiplier	5.5	0.1 – ∞	Width of the upper/lower dynamic bands. Lower = bands tighter, more reversals triggered. Higher = bands wider, fewer but stronger signals.
Tolerance Multiplier	6.0	0.1 – ∞	How far price must exceed the band before a trend flip is confirmed. The primary noise filter. Increase on volatile/high-VIX days (7–8).
Take Profit Multiplier	0.5	0.1 – ∞	TP distance from entry = this value × current tolerance. 0.5x = tight scalp target. 1.0–2.0x = swing scalp exits.

READING SIGNALS ON CHART

Visual	Color	Meaning & Action
Buy label (below bar)	Green	Trend just flipped bullish — bar close confirmed. Enter long on next bar open or current close.
Sell label (above bar)	Red	Trend just flipped bearish — bar close confirmed. Enter short on next bar open or current close.
Green TP box	Green	Active long trade zone. Box spans from entry price to TP target. Closing when TP or reversal occurs.
Red TP box	Red	Active short trade zone. Box spans from entry price to TP target. Closes on TP hit or next flip.
TP Buy label	Purple	High of a bar reached the long TP level — trade closed as a win.
TP Sell label	Purple	Low of a bar reached the short TP level — trade closed as a win.

- **TUNING TIP:** Start with defaults on a 5M SPY chart. If you see more than 3–4 signals per hour, increase Tolerance Multiplier by 0.5–1.0. On high-VIX days, raise it to 7.0–8.0 to reduce whipsaw flips.

2 WIN RATE TRACKER

Automatically counts every trade generated by the Trend Engine on the visible chart history. A **win** is recorded when price reaches the TP box before a reversal. A **loss** is recorded when the trend flips before TP is hit.

Dashboard Cell	Example Value	Color Code	Meaning
W/L Counts	14W / 6L	—	Raw wins and losses since indicator loaded on chart
Win Rate %	70.0%	Green ≥ 60%	Performance tier — adjust TP multiplier if consistently below 50%
Win Rate %	52.0%	Yellow 45–59%	Neutral — monitor. May indicate choppy market conditions.
Win Rate %	38.0%	Red < 45%	Underperforming — increase Tolerance Multiplier or widen TP.
Trade Count	20 trades	—	Total signals taken (wins + losses combined)

Note: Win rate resets on page reload and reflects historical bar performance, not guaranteed future results.

3 VWAP OVERLAY

Plots the standard daily **Volume-Weighted Average Price** as a continuous line. VWAP resets each session and serves as the primary intraday institutional reference — acting as dynamic support in uptrends and dynamic resistance in downtrends.

Setting	Default	Notes
Show VWAP	On	Toggle the entire VWAP line on or off. Keep On for all intraday sessions.
VWAP Color	Orange	Change to match your chart theme. Orange stands out against most backgrounds.

VWAP CONFLUENCE RULES

- › Price **above VWAP** + Buy signal = **high-conviction long** — both price structure and VWAP confirm direction.
- › Price **below VWAP** + Sell signal = **high-conviction short** — institutional bias aligns with signal.
- › Counter-VWAP trades (e.g. Sell signal while above VWAP) — reduce size or skip unless MTF Strength shows Strong.
- › VWAP touch + trend signal on the same bar = premium entry point. Watch for bounces at this level.

4 KEY LEVELS — PM & PREVIOUS DAY

Draws two sets of institutional reference lines that update automatically each session. These levels frequently function as **price magnets**, rejection zones, and breakout triggers.

PREMARKET HIGH / LOW

Setting	Default	Description
Show Premarket H/L	On	Activates PM High and PM Low lines once RTH opens at 9:30 AM ET.
Premarket Session	0400–0930 ET	Window used to track the premarket range. Adjust for CME futures or crypto.
PM High / Low Color	Amber	Color applied to both the line and the inline label.

PREVIOUS DAY HIGH / LOW

Setting	Default	Description
Show Previous Day H/L	On	Plots PDH and PDL at the start of each new trading day.
PDH / PDL Color	Cyan	Distinct from PM levels — cyan is easier to differentiate at a glance.
Line Style	Dashed	Solid, Dashed, or Dotted. Dashed recommended to separate from price bars.
Line Width	1	Thickness 1–4. Use 2 on large monitor setups for better visibility.

TRADING WITH KEY LEVELS

Level	Bullish Scenario	Bearish Scenario
PM High	Buy signal + close above PM High = momentum breakout long. Target PDH or R1.	Sell signal rejected at PM High = fade the level short.
PM Low	Buy signal at PM Low = support bounce long. Risk below PM Low.	Sell signal breaks PM Low = breakdown short, target PDL.
PDH	Buy signal + PDH breakout + retest = continuation long.	Sell signal at PDH = resistance fade. High probability if 4H also bearish.
PDL	Buy signal at PDL = prior support holds, long entry.	Sell signal breaks PDL = trend continuation short. Target next daily low.

★ **PRO TIP:** The highest-probability setups occur when a Buy or Sell signal aligns within 2–5 ticks of a Key Level AND VWAP direction confirms. This triple confluence (signal + level + VWAP) dramatically improves reliability.

5 MTF DASHBOARD

The multi-timeframe dashboard runs the SwiftTrend engine across **five independent timeframes** simultaneously, displaying trend direction, momentum strength, and signal bias in a compact table overlay. Use it to confirm that higher timeframes align before entering on your scalp timeframe.

DASHBOARD SETTINGS

Setting	Default	Options / Notes
Show Dashboard	On	Toggle the entire table overlay.
Position	Bottom Right	Top Right · Top Left · Bottom Right · Bottom Left. Place away from price action.
Dashboard Size	Small	Small = compact overlay Medium = balanced Large = easy reading on 4K monitors.
Timeframe 1	5	Any TradingView timeframe string. E.g. 1, 3, 5, 15, 30, 60, 240, D, W.
Timeframe 2	15	Recommended: one step above your chart timeframe for near-term context.
Timeframe 3	60	Hourly trend — key swing direction reference.
Timeframe 4	240	4-Hour trend — institutional bias. Prioritize trades that align here.
Timeframe 5	D	Daily trend — macro direction filter. Never fight the daily.

DASHBOARD COLUMNS DECODED

Column	Values	How to Read
TF	5M · 15M · 1H · 4H · 1D	Timeframe label for that dashboard row.
Trend	▲ Bull / ▼ Bear	SwiftTrend direction on that specific timeframe at the current bar.
Strength	Weak · Medium · Strong	Distance from price to tolerance zone expressed as a multiple. Weak < 1.5x Medium 1.5–3.0x Strong ≥ 3.0x
Signal	Buy / Sell	Directional trade bias for that timeframe. Matches Trend direction.
ALL row	▲ BULL (4/5) etc.	Majority vote. BULL if > 2 TFs bullish, BEAR if > 2 bearish, MIXED if tied.

MTF CONFLUENCE RULES

- › **Best setups:** 3 or more of 5 TFs agree with your entry signal direction.
- › **Strong strength** on 1H or 4H + active signal on 5M = highest-confidence scalp entry.
- › ALL row shows MIXED → reduce position size by 50% or wait for cleaner alignment.
- › Trend-following scalp: match 5M signal with 1H and 4H direction.
- › Mean-reversion scalp: look for 5M flip against a Weak 1H/4H reading near a Key Level.
- › Never take a 5M Sell when 4H and Daily show Strong Bull — risk/reward is unfavorable.

- ◆ CONFLUENCE SCORE: Count how many of the 5 TFs agree with your signal. 3/5 = tradeable. 4/5 = high conviction. 5/5 = maximum size opportunity.

6 DISCORD WEBHOOK ALERTS

The indicator fires four alert types formatted as **Discord-compatible webhook JSON**. Each message includes ticker symbol, close price, timeframe, and TP level (on entry signals). Alerts fire once per bar close only.

ALERT TYPES

Alert	Trigger Condition	Sample Message Sent to Discord
BUY Signal	Trend flips bullish on bar close	■ BUY Signal — SPY @ \$590.25 TF: 5 TP: \$591.40
SELL Signal	Trend flips bearish on bar close	■ SELL Signal — SPY @ \$589.00 TF: 5 TP: \$587.85
TP Buy Hit	High \geq TP price on bar close	■ TP Buy Hit — SPY @ \$591.40 TF: 5
TP Sell Hit	Low \leq TP price on bar close	■ TP Sell Hit — SPY @ \$587.85 TF: 5

WEBHOOK JSON FORMAT

```
{"content": "■ BUY Signal — TICKER @ $PRICE | TF: TF | TP: $TPPRICE"}
```

The content field renders as plain text in Discord. Bold (**text**) is supported. You can extend it with Discord embed blocks by editing the alert() calls in the Pine Script source.

SETUP STEPS

01	Create Webhook	In Discord: open your channel → Edit → Integrations → Webhooks → New Webhook → Copy URL.
02	Open Alert Dialog	In TradingView: click the Bell icon on any chart, then "Create Alert."
03	Configure Condition	Set Condition to "Smart Scalping Signals." TradingView will detect all alert() calls.
04	Set Webhook URL	Under Notifications, enable "Webhook URL" and paste your Discord webhook URL.
05	Frequency Setting	Set alert frequency to "Once Per Bar Close" — already enforced in the script code.
06	Repeat x 4	Create separate alerts for: Buy signal, Sell signal, TP Buy Hit, TP Sell Hit.

- Create a dedicated #scalping-signals Discord channel. Pin a message with your current settings (Period / Band / TP multiplier) so subscribers can cross-reference alerts with their own chart configuration.

7 SETTINGS QUICK REFERENCE

Group	Setting	Default	Quick Notes
Trend Engine	Lookback Period	200	Lower = faster signals; Higher = smoother
Trend Engine	Band Multiplier	5.5	Wider bands = fewer reversals
Trend Engine	Tolerance Multiplier	6.0	Raise on volatile days (7–8)
Trend Engine	Take Profit Multiplier	0.5	0.5 = scalp TP · 1.5–2.0 = swing TP
Appearance	Bullish Color	Green	Buy labels and TP Buy boxes
Appearance	Bearish Color	Red	Sell labels and TP Sell boxes
VWAP	Show VWAP	On	Keep On for all intraday sessions
VWAP	VWAP Color	Orange	Change to suit chart theme
Key Levels	Show Premarket H/L	On	Draws after RTH open at 9:30 ET
Key Levels	Premarket Session	0400–0930	Eastern Time; adjust for other markets
Key Levels	Show Previous Day H/L	On	Updates at midnight / session start
Key Levels	PDH / PDL Color	Cyan	Distinguishable from PM levels
Key Levels	Line Style	Dashed	Solid · Dashed · Dotted
Key Levels	Line Width	1	1–4 · Use 2 on large displays
MTF Dashboard	Show Dashboard	On	Toggle the table overlay
MTF Dashboard	Position	Bottom Right	Choose corner away from price
MTF Dashboard	Dashboard Size	Small	Small · Medium · Large
MTF Dashboard	Timeframe 1–5	5/15/60/240/ D	Any TradingView TF string

8 RECOMMENDED SETUPS

3-MINUTE AGGRESSIVE SCALP — SPY / QQQ

High-frequency setup for active traders. More signals per session with tighter TP targets. Best used during peak liquidity: 9:30–11:30 AM and 1:30–3:30 PM ET.

Setting	Value	Reason
Chart Timeframe	3 minutes	Max signal frequency for scalping
Lookback Period	100	Faster response to intraday momentum shifts
Band Multiplier	4.5	Tighter bands catch more reversals on 3M
Tolerance Multiplier	5.0	Lower filter = more signals; monitor win rate
Take Profit Multiplier	0.5	Tight TP matches 3M bar range
MTF Timeframes	3M / 5M / 15M / 1H / 4H	Short-range confluence stack
VWAP	On	Required for direction filter on 3M
Key Levels	Both On	PM H/L and PDH/PDL as TP targets

5-MINUTE BALANCED SCALP — SPY / QQQ / IWM

Default configuration optimized for the 5-minute timeframe. Best balance of signal quality, win rate, and manageable trade frequency.

Setting	Value	Reason
Chart Timeframe	5 minutes	Standard scalp / swing scalp hybrid
Lookback Period	200 (default)	Smooth trend detection on 5M
Band Multiplier	5.5 (default)	Calibrated for 5M SPY range
Tolerance Multiplier	6.0 (default)	Balanced noise filtering
Take Profit Multiplier	1.0	Larger TP relative to 5M bar range
MTF Timeframes	5M / 15M / 1H / 4H / 1D	Full institutional stack
VWAP	On	Core filter — align all trades with VWAP
Key Levels	Both On	PDH/PDL as primary TP targets

HIGH-VIX / VOLATILE DAY ADJUSTMENTS

- › Increase **Tolerance Multiplier** to 7.0–8.0 — prevents whipsaw flips during news/events.
- › Increase **Band Multiplier** to 6.5–7.0 — gives the trend more room to breathe.

- › Set **TP Multiplier** to 0.3–0.4 — take profits faster; volatility moves are unpredictable.
- › Require MTF score of 4/5 minimum before entering any trade.
- › Use VWAP as a hard directional filter — reject all counter-VWAP signals.
- › Reduce position size by 30–50% until the first 30 minutes of volatility stabilizes.

Smart Scalping Signals is provided for educational and informational purposes only. Past indicator performance on historical bars is not indicative of future results. Always apply proper risk management, position sizing, and stop-loss discipline. Trading involves substantial risk of loss. Trade responsibly.