



VibeBOT v2.3 - User Manual

Advanced DCA Trading Bot for TradingView

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1. Introduction

VibeBOT v2.3 is a sophisticated Dollar Cost Averaging (DCA) trading bot for TradingView that automatically manages positions using a base order (BO) and multiple safety orders (SO). It supports both LONG and SHORT trading with multiple entry strategies, advanced trailing systems, and comprehensive risk management.

Key Features:

- Multiple entry strategies (Mean Reversion, Trend Pullback, Breakout, MicroBreakout)
- Automated DCA ladder with configurable scaling
- **NEW: 3-stage Trailing Take Profit system** (ARM → BUFFER → TRAILING)
- **NEW: TP/SL at absolute price levels**
- **NEW: Stop Loss in Profit** (lock minimum gains)
- Time-based Emergency Safety Orders (MSO)
- WunderTrading & 3Commas integration
- **NEW: Total realized profit tracking** across all sessions
- Real-time status monitoring with comprehensive fee tracking

2. What's New in v2.3

NEW Major Updates:

2.1 Trail TP - Staged System

Previous: Simple trailing stop (ARM → immediately trail)

Now: 3-stage system for better profit protection:

1. **STAGE 1: DISARMED** - Waiting for ARM activation
2. **STAGE 2: BUFFER** - Protected zone (prevents premature exit)
3. **STAGE 3: TRAILING** - Active trailing from peak

Benefits:

- Higher minimum profit guarantee (ARM - Buffer)
- Better handling of volatile retracements
- More consistent performance

2.2 TP/SL at Price

New: Exit at absolute price levels (e.g., \$98,000 TP or \$92,000 SL)

Use cases:

- Exit LONG at key resistance (\$100k, \$120k)
- Exit SHORT at support levels
- Set SL below important price zones
- One-time trigger (completed after first use)

2.3 SL in Profit at Price/Percent

New: Lock minimum profit during trade

Example (LONG):

- Entry AVG: \$100,000
- Set SL Profit at 0.5% → \$100,500
- If price reaches \$102,000 then drops → EXIT at \$100,500 
- Guaranteed +0.5% profit (vs potential loss)

2.4 Total Profit Tracking

New: Cumulative realized PnL across all closed positions

Benefits:

- Track session profitability
- See net P&L after fees
- Monitor long-term performance

2.5 Status Table Enhancements

New rows:

- Total Profit (cumulative)
- Time in trade (Dd Hh Mm format)
- Separate TP/Trail/Follow TP row
- Separate SL/SLSO/SL Profit row

3. Quick Start Guide

Minimal Setup (5 steps):

1. **Set Direction:** LONG or SHORT
2. **Set Order Sizes:** BO Size \$1000, SO Size \$1000

3. **Configure DCA:** SO Number 5-10, Price Deviation 0.5%, Volume Scale 1.5, Step Scale 1.05
4. **Set Take Profit:** Enable TP 1.5%
5. **Select Entry Strategy:** MeanReversion (beginner-friendly)

Recommended Starter Settings:

Direction: LONG
BO Size: \$1000
SO Size: \$1000
SO Number: 5
Price Deviation: 0.5%
Volume Scale: 1.5
Step Scale: 1.05
Take Profit: 1.5%
Trail TP: OFF (learn basics first)
Entry Strategy: MeanReversion

4. Core Settings

(Same as v2.0 - keep original content)

5. DCA System

(Same as v2.0 - keep original content)

6. Entry Strategies

(Same as v2.0 - keep original content)

7. Exit Strategies (*UPDATED SECTION*)

7.1 Take Profit (TP %)

Basic exit at percentage profit from average entry.

Settings:

- TP %: Exit at X% profit (e.g., 1.5%)

How it works:

Entry AVG: \$100,000

TP: 1.5%

Exit price: \$101,500 (LONG) or \$98,500 (SHORT)

Recommended:

- Scalping: 0.5-1.0%
- Swing: 1.5-3.0%
- Position: 5%+

7.2 Trail TP - Staged System (*NEW*)

Advanced 3-stage trailing system with buffer protection.

Parameters:

Parameter	Description	Default
r		
ARM %	Activation threshold	1.0%
Trail %	Distance from peak when trailing	0.5%
Buffer %	Protection zone size	0.2%

How it works:

Visual Flow:

● Entry: \$100,000

● ARM (+1%): \$101,000 ← Arming point



● Buffer Exit (+0.8%): \$100,800 ← Minimum profit protection



● Trail Activation (+1.5%): \$101,500 ← Trailing starts here



● Trail Trigger: Follows peak at -0.5%

Stage Breakdown:

STAGE 1: DISARMED

- Waiting for price to reach ARM level (+1%)
- No exit conditions active

STAGE 2: BUFFER

- Arms when price hits \$101,000 (+1%)
- **Buffer protection:** Exit if price falls below \$100,800 (+0.8%)
- Prevents exit during small retracements
- **Minimum guaranteed profit:** +0.8%

STAGE 3: TRAILING

- Activates when price reaches \$101,500 (+1.5%)
- Trail trigger follows 0.5% below peak
- Updates every bar as price makes new highs

Complete Example:

Settings: ARM 1% / Trail 0.5% / Buffer 0.2%

Entry: \$100,000 AVG

Bar 10: Price = \$101,000 (+1.0%)

- ARM Stage: BUFFER
- Buffer exit = \$100,800 (+0.8%)
- Trail activation = \$101,500 (+1.5%)

Bar 15: Price = \$100,850 (+0.85%)

- Price > \$100,800 Still in BUFFER (safe)
- Waiting for \$101,500 to activate trail

Bar 18: Price = \$101,600 (+1.6%)

- TRAIL ACTIVATION Stage: TRAILING
- Trail trigger = \$101,092 (+1.092%)

Bar 23: Price = \$102,500 (+2.5%)

- New peak! Trail updates
- Trail trigger = \$101,988 (+1.988%)

Bar 28: Price = \$101,900 (+1.9%)

- Price < \$101,988 → TRAIL TP EXIT!

→ Final profit: +1.9%

Why 3 Stages?

Without Buffer (old system):

- ARM at +1% → immediate trail at +0.5% = exit at +0.5%
- **✗** Missed opportunity (could have reached +2%)

With Buffer (v2.3):

- ARM at +1% → buffer protects until +1.5%
- **✓** Minimum profit: +0.8%
- **✓** Maximum profit: unlimited (trailing from peak)

Recommended Settings:

Style	ARM %	Trail %	Buffer %
Scalping	0.5%	0.3%	0.1%
Swing	1.0%	0.5%	0.2%
Position	2.0%	1.0%	0.5%

7.3 TP at Price (NEW)

Exit at absolute price level (e.g., \$98,000 resistance).

Settings:

- Enable: "TP at Price"
- Price level: \$115,000 (example)

How it works:

Entry AVG: \$100,000

TP at Price: \$115,000

If close \geq \$115,000 → EXIT **✓**

One-time trigger (completed after first use)

Use cases:

- Exit LONG at key resistance (\$100k, \$120k)
- Exit before major psychological levels
- Take profit at previous high/low

Validation:

- For LONG: TP price must be **above** AVG
- For SHORT: TP price must be **below** AVG
- Invalid settings → ignored (no exit)

Priority:

- TP at Price takes priority over % TP if reached first
- Can be combined with Trail TP (whichever triggers first wins)

7.4 Stop Loss (%)

Basic stop loss at percentage loss from average entry.

Settings:

- SL %: Exit at X% loss (e.g., 3.0%)

Recommended:

- Crypto: 2-5%
- Forex: 1-2%

 **Important:** Cannot use SL % with TP@LastSO simultaneously

7.5 SL at Price (NEW)

Stop loss at absolute price level.

Settings:

- Enable: "SL at Price"
- Price level: \$92,000 (example)

How it works:

Entry AVG: \$100,000

SL at Price: \$92,000

If close \leq \$92,000 → EXIT ✓

One-time trigger

Use cases:

- Cut losses below support
- Exit before critical breakdown level
- Protect against black swan events

Validation:

- For LONG: SL price must be **below** AVG
- For SHORT: SL price must be **above** AVG

7.6 SL in Profit at Price/Percent (NEW)

Lock minimum profit by setting protective stop in profit zone.

Two modes:

A) Percent mode:

Entry AVG: \$100,000

SL Profit: 0.5%

Target: \$100,500 (+0.5%)

Validation: Must be between AVG and current price

If price reaches \$102,000 then drops → EXIT at \$100,500 ✓

Guaranteed minimum: +0.5% profit

B) Price mode:

Entry AVG: \$100,000

SL Profit: \$121,000

Target: \$121,000

If price drops to \$121,000 → EXIT ✓

Use cases:

- Lock profit after strong move

- Protect gains during consolidation
- Reduce risk exposure while staying in trade

How to use:

1. Enter trade normally
2. Wait for profit (e.g., +2%)
3. Enable "SL in Profit" and set level (e.g., 0.5%)
4. If price drops from +2% → exits at +0.5% 
5. If price continues higher → stays in trade

Important:

- Only validates when price is **in profit zone**
- LONG: Target must be between AVG and current price
- SHORT: Target must be between current price and AVG
- Locks once (doesn't update if you change value later)

7.7 TP@LastSO (Stop Loss at Last SO)

Close position instead of filling the last SO.

Settings:

- Enable: "Stop Loss at Last SO"
- Requirement: SL % must be OFF

How it works:

SO setup: 10 SOs total

SOs filled: 1-9 

Last SO (SO10) conditions met → CLOSE POSITION instead 

Acts as "emergency brake" before full capital deployment

Use cases:

- Prevent excessive exposure
- Limit max drawdown
- Auto-exit before capital depletion

7.8 Follow TP (*Advanced - Hidden*)

Trailing TP that follows price from activation point.

Note: This feature is hidden by default (for advanced users only).

How it works:

Activation: 1.0%

Trail: 0.5%

Price hits +1% → arms

Price peaks at +3% → trail trigger at +2.5%

Exit if price drops to +2.5%

Key difference from Trail TP:

- Follow TP: Trails from **activation point onward** (continuous)
- Trail TP: Stages (BUFFER → TRAILING with distinct phases)

8. Emergency Safety Orders (MSO)

(Same as v2.0 - keep original content)

9. Alert Integration

(Same as v2.0 - keep original content)

10. Status Table & Monitoring (*UPDATED*)

Status Table Fields (v2.3)

Row 0: Status

Shows bot operational state

Values:

- **ON** - Bot active and trading
- **PAUSED** - New entries blocked (flat)
- **PAUSE ARMED** - In position, will pause after exit
- **OFF** - Bot stopped
- **MANUAL** - Manual mode active (MicroBreakout 1-bar)
- **MANUAL DISARMED** - Manual mode used, awaiting TP
- **MANUAL (Price)** - Start Price triggered Manual mode
- **STOP ARMED** - Stop on Exit enabled and armed

Row 1: Invested

Total USD invested / Position size (base)

Example: $\$3,500 / 0.0350$

- \$3,500 USD invested
- 0.035 BTC held

Row 2: Rem Funds

Remaining capital available for SOs

Formula: Initial Capital - Invested

Row 3: Rem SO

Remaining / Total Safety Orders

Example: $7/10 = 7$ SOs remaining, 3 filled

Row 4: Emergency SO

Remaining / Total MSOs

Example: $3/3 =$ all MSOs available, none filled

Example: $0/3 =$ all MSOs exhausted

Row 5: Avg/TP Price

Average entry / Take Profit target (integers)

Example: \$96,000 / \$97,440

- AVG: \$96,000
- TP: \$97,440 (+1.5%)

Row 6: PnL %/USD

Unrealized PnL in percentage and USD

Example: +1.25% / +\$43.75

- +1.25% profit
- +\$43.75 USD gain (before fees)

Row 7: Next SO Price

Price level where next SO will trigger

Example: \$95,520 = Next SO fills at \$95,520

Row 8: Dir/Strategy

Direction / Active entry strategy

Examples:

- LONG | MeanReversion
- SHORT | TrendPullback
- LONG | Manual (Manual mode active)

Row 9: TP/Trail/Follow TP (NEW)

Compact format: TP / Trail / Follow

Examples:

Not in position:

1.5% / 1%/0.2%/0.5% / OFF

- TP: 1.5% configured
- Trail: ARM 1% / Buffer 0.2% / Trail 0.5%
- Follow: OFF

In position - BUFFER stage:

1.5% / BUF@+0.8% / OFF

- TP: 1.5%
- Trail: In BUFFER stage, exit at +0.8%
- Follow: OFF

In position - TRAILING stage:

1.5% / TRL@+1.2% / OFF

- TP: 1.5%
- Trail: Active trailing, current trigger at +1.2%
- Follow: OFF

Row 10: SL/SLSO/SL Profit (NEW)

Compact format: **SL** / **SLSO** / **SL Profit**

Examples:

Basic setup:

3% / OFF / OFF

- SL: 3% configured
- SLSO (TP@LastSO): OFF
- SL Profit: OFF

With SLSO enabled:

OFF / ON / OFF

- SL: OFF (required for SLSO)
- SLSO: ON (will close at last SO condition)

- SL Profit: OFF

SL Profit active:

OFF / OFF / 0.5%

- SL: OFF
- SLSO: OFF
- SL Profit: Locked at +0.5%

Both price levels active:

\$92,000 / OFF / \$100,500

- SL: Absolute price \$92,000
- SLSO: OFF
- SL Profit: Absolute price \$100,500

Row 11: Start/Exit

Format: Start condition / Exit condition

Examples:

— / —

No special conditions

Manual Start / Stop ARMED

- Start Price enabled (waiting/triggered)
- Stop on Exit armed (will stop after next exit)

— / TP/SL Price

TP at Price or SL at Price enabled

Row 12: Time in trade (NEW)

Format: Dd Hh Mm

Examples:

- **0d 2h 15min** = 2 hours 15 minutes
- **3d 14h 32min** = 3 days 14 hours 32 minutes
- **-** = Not in position

Row 13: Fees

Format: Buy / Funding / Sell

Example: \$17.50 / -\$2.30 / \$8.75

- **Buy:** \$17.50 entry fees paid (BO + SOs)
- **Funding:** -\$2.30 (negative = received funding income)
- **Sell:** \$8.75 projected exit fee

Positive funding: You pay (LONG position, positive rate)

Negative funding: You receive (SHORT position or negative rate)

Row 14: Total Profit (NEW)

Cumulative realized PnL across all closed positions.

Example: +\$2,485.99

- Net profit after all fees
- Tracks performance across multiple sessions

Calculation:

Session PnL = (Exit Price - Entry AVG) × Position Size

- Entry Fees
- Funding Fees
- Exit Fees

Total Profit = Sum of all session PnLs

Price Scale Display

Always visible in chart sidebar:

-  **AVG (yellow):** Average entry price

-  **TP (green):** Take profit target
-  **Trail Trigger (purple):** Active when armed

Diagnostic Plot Lines

When Trail TP is enabled:

-  **ARM Level:** Arming threshold (+1%)
-  **Buffer Exit:** Minimum profit protection (+0.8%)
-  **Trail Activation:** Trailing starts here (+1.5%)
-  **Trail Trigger:** Current exit level (dynamic)

11. Best Practices

(Same as v2.0 with these additions:)

Exit Strategy Guidelines

Scalping (15min-1h):

TP: 0.5-1.0%

Trail: OFF or ARM 0.5% / Trail 0.3% / Buffer 0.1%

SL: 2%

Swing (1h-4h):

TP: 1.5-2.5%

Trail: ARM 1% / Trail 0.5% / Buffer 0.2%

SL: 3-5%

SL Profit: 0.5% (after +2% profit)

Position (4h-1d):

TP: 3-5%

Trail: ARM 2% / Trail 1% / Buffer 0.5%

SL: 5-10%

TP at Price: Key resistance levels

When to Use Each Exit Type:

Exit Type	Use Case
TP %	Simple, predictable exits
Trail TP	Trending markets, maximize profit
TP at Price	Exit at known resistance
SL %	Basic risk management
SL at Price	Protect below support
SL in Profit	Lock gains after big move
TP@LastSO	Prevent full capital depletion

Trail TP Best Practices:

1. **Start conservative:** ARM 1% / Trail 0.5% / Buffer 0.2%
2. **Adjust ARM** based on volatility:
 - o Low vol: ARM 0.5-1%
 - o High vol: ARM 1.5-2%
3. **Trail distance** = $\frac{1}{2}$ of ARM (rule of thumb)
4. **Buffer** = 10-20% of ARM
5. **Don't combine** Trail TP + TP % (use one or the other)

12. Risk Management

(Same as v2.0 with fee calculation updates)

Fee Impact on Trail TP:

Example:

Entry: \$100,000

Trail TP: ARM 1% / Trail 0.5% / Buffer 0.2%

Scenario 1: Quick exit at buffer

Exit: \$100,800 (+0.8%)

Fees: -\$1.50 (0.15%)

Net: +\$640 (+0.65%) 

Scenario 2: Trailing exit

Exit: \$101,900 (+1.9%)

Fees: -\$1.50 (0.15%)

Net: +\$1,740 (+1.75%)  

Minimum TP to cover fees: +0.2-0.3%

13. Troubleshooting

(Same as v2.0 with these additions:)

Trail TP not activating

Check:

1. Trail TP enabled? 
2. In position? 
3. Price reached ARM level (+1%)? 
4. Check Status Table → "TP/Trail/Follow TP" row
5. Look for  orange ARM line on chart

Stages:

- Shows config (e.g., `1%/0.2%/0.5%`) → Not armed yet
- Shows `BUF@+0.8%` → BUFFER stage active
- Shows `TRL@+1.2%` → TRAILING stage active

SL in Profit not setting

Check:

1. Enabled? 
2. In position? 
3. In profit? Price must be **above** AVG (LONG) 
4. Percent mode: Value must be between AVG and current price
5. Only locks ONCE - if you change value after lock, it won't update

TP at Price not triggering

Check:

1. Enabled?
2. Price level valid?
 - o LONG: TP price > AVG
 - o SHORT: TP price < AVG
3. One-time trigger - after first use, flag is set
4. Check Status Table → "TP/Trail/Follow TP" shows price if active

Status shows "MANUAL (Price)" but not entering

Cause: Start Price triggered Manual mode, but:

- No MicroBreakout signal yet
- Cooldown not expired
- Other gates blocking entry

Solution: Wait for 1-bar breakout signal (green candle above previous high for LONG)

14. Appendix: Formulas & Examples

Trail TP Calculations

Given:

- Entry AVG: \$100,000
- ARM: 1%
- Trail: 0.5%
- Buffer: 0.2%

Calculated levels:

$$\text{ARM Level} = \$100,000 \times 1.01 = \$101,000$$

$$\text{Buffer Exit} = \$100,000 \times 1.008 = \$100,800$$

$$\text{Trail Activation} = \$100,000 \times 1.015 = \$101,500$$

In TRAILING stage:

$$\text{Trail Trigger} = \text{Peak} \times (1 - 0.005)$$

Example: Peak \$102,500 → Trigger \$102,012.50

Total Profit Calculation

Session 1:

Entry: $\$100,000 \times 0.05 \text{ BTC} = \$5,000$ invested

Exit: $\$101,500 \times 0.05 \text{ BTC} = \$5,075$ received

Entry fees: \$2.50

Funding fees: -\$1.20 (received)

Exit fees: \$2.54

Session PnL = $\$5,075 - \$5,000 - \$2.50 + \$1.20 - \$2.54 = \71.16

Session 2:

Entry: $\$99,500 \times 0.06 \text{ BTC} = \$5,970$ invested

Exit: $\$98,000 \times 0.06 \text{ BTC} = \$5,880$ received

Entry fees: \$2.99

Funding fees: \$0.80 (paid)

Exit fees: \$2.94

Session PnL = $\$5,880 - \$5,970 - \$2.99 - \$0.80 - \$2.94 = -\99.73

Total Profit = \$71.16 + (-\$99.73) = -\$28.57

Final Notes

Disclaimer

This bot is a tool, not a guarantee of profit. All trading involves risk. Always:

- Backtest thoroughly before live trading
- Start with small position sizes
- Never trade with money you can't afford to lose
- Monitor positions actively
- Understand that past performance ≠ future results

Support

For issues or questions:

- TradingView Pine Script documentation
- Community forums
- Bot creator's social channels

Version Info

VibeBOT v2.3 (2025)

- Major update: Staged Trail TP system
- New: TP/SL at absolute prices
- New: SL in Profit feature
- New: Total profit tracking
- Enhanced status table

END OF MANUAL