



# VibeBOT v2.3 - User Manual

Advanced DCA Trading Bot for TradingView

---

## Table of Contents

1. Introduction
  2. What's New in v2.3
  3. Quick Start Guide
  4. Core Settings
  5. DCA System
  6. Entry Strategies
  7. Exit Strategies (*UPDATED*)
  8. Emergency Safety Orders (MSO)
  9. Alert Integration
  10. Status Table & Monitoring (*UPDATED*)
  11. Best Practices
  12. Risk Management
  13. Troubleshooting
  14. Appendix: Formulas & Examples
-

# 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**