



# Pulse Mini

## Quick Installation and Setup Guide

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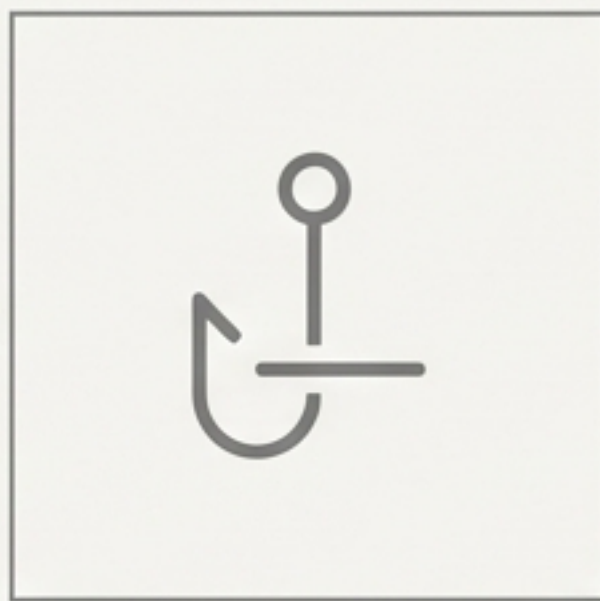
Install · Configure alerts · Automate.

Turn market structure into clean, non-repainting alerts  
for TradingView workflows and optional automation.

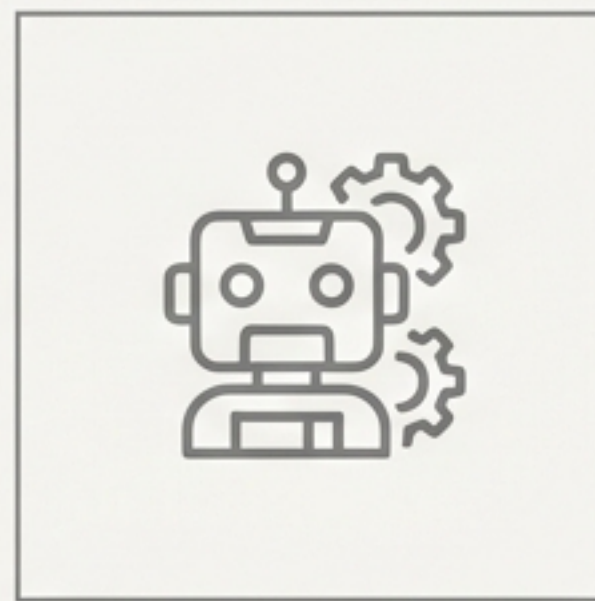
# The Automation Pipeline: Your End-to-End Workflow



TradingView Chart  
→ Pulse Mini  
Installed → Alerts  
Created



Alert Fires →  
Webhook URL →  
JSON Message  
Sent



3Commas Bot  
Receives Signal →  
Parses JSON →  
Creates Action



API Connection →  
Order Executed →  
Position Managed

## The Golden Rule

**Spot vs. Futures** must match across your TradingView chart, 3Commas bot, and exchange API permissions. Mismatches are the #1 cause of execution failure.



# Prerequisites for Full Automation



## Charting

**TradingView Account:**  
**TradingView Account.**  
Your plan must support webhooks to complete the automation steps.

**How to check:**  
**How to check:** The  
`Webhook URL` field  
must be visible when  
creating an alert.



## Signal Generator

**Pulse Mini Access:**  
This is an `invite-only`  
script. Access must be  
granted to your  
specific TradingView  
username before it will  
appear in your  
Indicators.



## Automation Hub

**3Commas Account:**  
The platform that will  
receive signals from  
TradingView and  
manage your bot.



## Execution Venue

**Exchange Account:**  
**Exchange Account:** A  
Binance, Bybit, or other  
3Commas-supported  
exchange.

**API Access:** You will  
need to create API keys  
on your exchange.



Phase 1

# The Foundation

Setting up your TradingView environment and installing the Pulse Mini script.



# Prepare Your Chart & Install Pulse Mini

## TradingView Environment Setup

### 1. Choose Market & Timeframe

- Start with a high-liquidity pair: **BTC/USDT**.
- Select a stable timeframe: **15m** or **1h**.



### 2. Create a Dedicated Layout

- Remove all other indicators to reduce noise.
- Save the layout as '**Pulse – Setup**'. This creates a clean workspace.



### 3. Confirm Chart Hygiene

- Ensure no other scripts are generating competing alerts.



## Pulse Mini Installation & First Use

### 4. Add Pulse Mini

- Go to Indicators → Invite-only scripts.
- Search for 'Pulse Mini' and add it to your chart.
- *If it's not visible, your access is not yet active.*



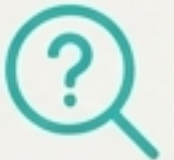
### 5. Save & Verify

- Save the layout again with Pulse Mini installed.
- Confirm the on-chart visuals are running correctly.



### 6. The 60-Second Read

- The core goal is to determine if the context is '**tradeable**' or '**not tradeable**'.
- Ask: Is the state clear or mixed? Is pressure increasing or fading? Is it a continuation or transition?





Phase 2

# The Engine

Configuring alerts and verifying the webhook connection.



# Create Your Core Entry & Exit Alerts

## Alert Configuration

**Alert Type:** Use **Script alerts**, not price alerts. The signal logic lives in Pulse Mini.

**Condition:** Select **Pulse Mini** from the dropdown menu.

**Actions:** Ensure the **Webhook URL** field is enabled.

Create Alert

Name

Condition Pulse Mini

Options

☐

☐

☐

Actions

☒  ☐

☒ Webhook URL

## Your Two Alerts

### 1. Create the Entry Alert

- **Condition:** Select the specific Entry condition from Pulse Mini.
- **Name:** 'Pulse Mini — Entry — BTCUSDT — 15m'

### 2. Create the Exit Alert

- **Condition:** Select the specific Exit condition from Pulse Mini.
- **Name:** 'Pulse Mini — Exit — BTCUSDT — 15m'

## Pro-Tip

Before closing TradingView, always confirm:

1. Both alerts are **Enabled**.
2. The layout is **Saved** with Pulse Mini active.
3. No **duplicate alerts** exist for the same pair/timeframe.



# Verify Your Webhook Is Firing (Before Connecting 3Commas)

A 5-minute test to prove TradingView is sending data correctly. This prevents complex debugging later.



## 1. Get an Inspector URL

Use a free online service like `webhook.site` to generate a temporary URL that will display any requests it receives.



## 2. Create a Temporary Test Alert

- **Condition:** A simple price cross that you can trigger manually.
- **Message:** `PULSE\_WEBHOOK\_TEST\_001`



## 3. Configure the Webhook

Paste the **inspector URL** into the alert's **'Webhook URL'** field.



## 4. Trigger and Confirm

Save the alert and trigger the price condition. Check the webhook inspector page. You should see the request arrive with the exact message `PULSE\_WEBHOOK\_TEST\_001`.



### Troubleshooting

**If no request arrives:** Check that the alert is enabled, the URL is correct, and your TradingView plan supports webhooks.



Phase 3

# The Automation

Connecting 3Commas, your exchange, and running the first live test.



# Configure Your 3Commas Bot to Receive Signals

## Bot Setup

### 1. **\*\*Create a New Bot\*\***

Select the bot type that accepts  
`TradingView / Custom Signals`.

### 2. **\*\*Define the Pair\*\***

Use **BTC/USDT** to match your  
TradingView setup.

### 3. **\*\*Set a Minimal Order Size\*\***

Use the smallest possible trade size  
for your first end-to-end test.

## Get Your Connection Details

Within the bot's signal settings, you will find three critical pieces of information. Copy them exactly.

### 1. The Webhook URL



This is the unique address your bot listens on.

`https://3commas.io/trade_signal/bots/12345/ABCD...`

### 2. The Entry JSON Message



The code that tells your bot to *\*open\** a deal.

```
{"message_type": "bot", "bot_id": 12345, ...}
```

### 3. The Exit JSON Message

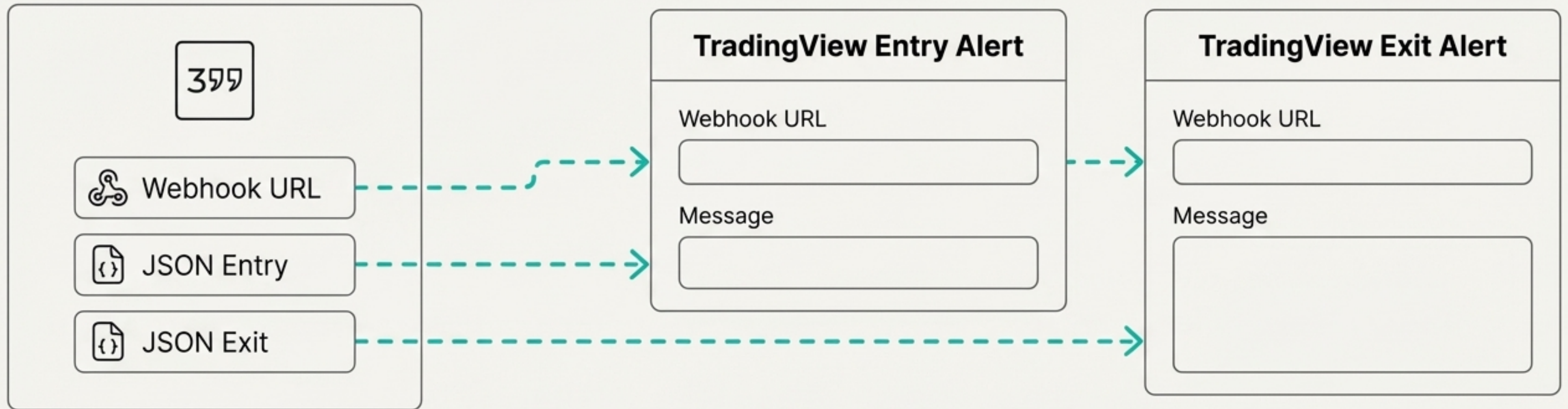


The code that tells your bot to *\*close\** a deal.

```
{"message_type": "bot", "bot_id": 12345, ...}
```



# Connect TradingView to 3Commas



## 1. Edit Your Entry Alert in TradingView

- **Webhook URL:** Paste the **Webhook URL** you copied from your 3Commas bot.
- **Message:** Replace the test message with the exact **`JSON Entry`** message from 3Commas.

Save the alert.

## 2. Edit Your Exit Alert in TradingView

- **Webhook URL:** Paste the **same Webhook URL** from your 3Commas bot.
- **Message:** Replace the test message with the exact **`JSON Exit`** message from 3Commas.

Save the alert.

## Confirmation Checklist

- ☐ Both alerts are enabled in TradingView.
- ☐ The Webhook URL is identical in both alerts.
- ☐ The JSON messages are correct for Entry vs. Exit.



# Connect 3Commas to Your Exchange

Granting secure, trade-only access to your exchange account via API.

## Step 1: Create API Keys on Your Exchange (Binance/Bybit)

- ⚙️ • Navigate to the API Management section of your exchange account.
- 🔑 • Create a new **API key** with a clear label (e.g., `3Commas - Pulse`).
- 📋 • Copy the **API Key** and **Secret Key**. Store them securely.

## Step 2: Set Critical Security Permissions

This is the most important step for security.

- ✅ **ENABLE** trading permissions for the market you will use (Spot and/or Futures).
- ❌ **DISABLE** withdrawals. This is non-negotiable.

## Step 3: Add Keys to 3Commas

- 🔗 • In 3Commas, go to "My Exchanges" and add a new connection.
- 📄 • Paste your API Key and Secret Key.
- ✓ • Confirm the connection is active.



# Troubleshooting: The Debug Path

If something breaks, debug in this order. Fix only one layer at a time.

## 1. TradingView Alert

- **Problem:** No signal is ever sent.
- ✅ Check: Did the alert actually fire? Review the TradingView **Alerts Log**. Is the alert enabled?

## 2. Webhook Delivery

- **Problem:** 3Commas receives nothing.
- ✅ Check: Is the '**Webhook URL**' in the alert correct? Did you pass the inspector test from Phase 2?

## 3. 3Commas Bot & Signal

- **Problem:** Signal received, but bot does nothing or acts incorrectly.
- ❓ Check: Is the '**JSON Message**' correct (Entry vs. Exit)? Does the bot configuration match the signal (e.g., is the pair 'BTC/USDT' enabled)?

## 4. Exchange Execution

- **Problem:** Bot tries to open an order, but it fails on the exchange.
- ❓ Check: Do API permissions allow trading for the correct market (**Spot vs. Futures**)? Is the exchange account active (no KYC issues, etc.)?



# Final Systems Check

Use this checklist to confirm every component of your automation pipeline is correctly configured.

## [ ] TradingView Setup

- ☐ BTC/USDT chart open on 15m or 1h.
- ☐ Layout saved as 'Pulse – Setup'.
- ☐ Webhook URL field is visible in alerts.

## [ ] Pulse Mini Access

- ☐ Pulse Mini is visible in Indicators and added to the chart.
- ☐ Layout saved again with Mini installed.

## [ ] Alert Configuration

- ☐ Entry & Exit script alerts created using Pulse Mini.
- ☐ Both alerts are enabled.

## [ ] 3Commas Connection

- ☐ Bot is created to accept TradingView signals.
- ☐ Correct Webhook URL & JSON messages are pasted into TV alerts.

## [ ] Exchange Connection

- ☐ API keys created with trading enabled and withdrawals disabled.
- ☐ Connection is active in 3Commas.

## [ ] End-to-End Test

- ☐ Entry signal creates a deal/order.
- ☐ Exit signal closes the deal/position.





# Your Automation Is Ready.

This guide covers the core setup. For advanced configurations, strategy insights, and complete documentation, please visit our official resources.

**\*\*Complete Documentation\*\*:** [docs.pulsewave.fi](https://docs.pulsewave.fi)

**\*\*Official Website\*\*:** [www.pulsewave.fi](https://www.pulsewave.fi)

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