TradeZero Auto Trade

CONTENT

INTRODUCTION

TradeZero Auto Trader is a powerful tool designed to automate your trading strategies on the TradeZero platform. The software receives trading signals from external sources like TradingView or Telegram channels and automatically executes buy and sell orders based on your defined settings.

ABOUT US

American Stocks Hunter Academy is a leading platform for U.S. stock trading education, serving over 1,500 students with comprehensive courses on technical analysis, risk management, and trading psychology.

Custom Trading Software

We provide expertly designed automated programs and software, like the TradeZero Auto Trader, to enable hands-free trading. These tools are built to enhance trading efficiency and improve data-driven decision-making.

Recommendation Channels (Telegram)

We offer specialized Telegram channels tailored to different trading strategies:

- Long-Term Investment: Focuses on building sustainable, long-term investment portfolios.
- Swing Trading: Designed to target and capitalize on medium-term price swings in the market.
- Penny Stocks: Specializes in high-volatility, low-priced stocks, with a strong emphasis on risk control.
- Large & Mid-Cap Stocks: Provides analysis and short-term trade recommendations for major and mid-sized companies.

Custom TradingView Indicators

Our exclusive TradingView indicators are designed to give you a competitive edge:

- Automated Analysis: Simplifies the evaluation of stocks and other assets, saving you time and effort.
- Liquidity Zones: Helps identify optimal entry and exit points by highlighting key areas of market liquidity.
- Market Maker Tracking: Aims to predict market trends by analyzing the buying and selling patterns of institutional market makers.
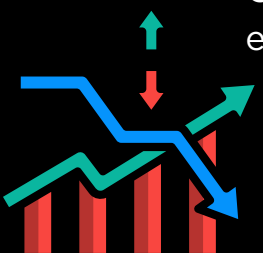
System Requirements

A stable internet connection.
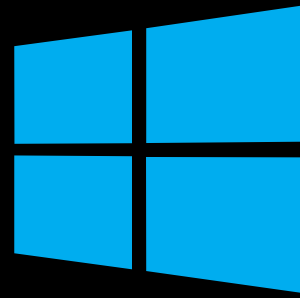
Windows Operating System.

An active account with the TradeZero brokerage.

An Premium account in TradingView.

Telegram

Activation and Subscription System

When you first run the program, a window will appear asking for an "Activation Code."
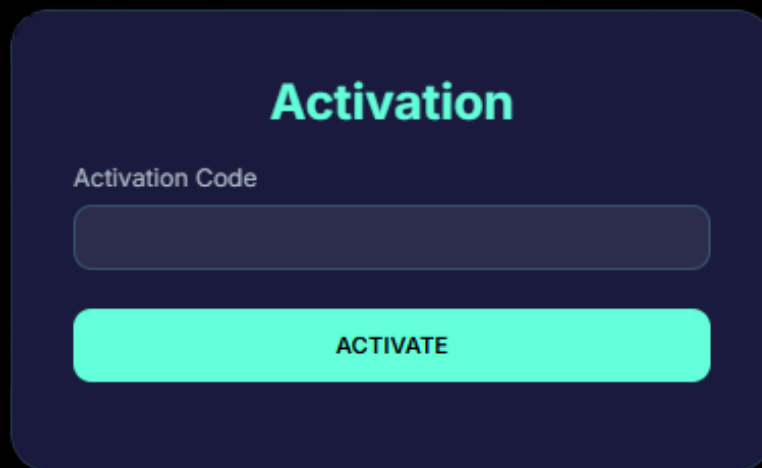
- Activation Code: This is the **Order ID code** you received when you subscribed to the service.
- Enter the code in the designated field and click the "Activate" button.
- After successful activation, your TradeZero username will be filled in automatically, and the rest of the application panels will unlock.

Important Note on Subscription: After successful activation, your subscription status is displayed at the top of the application, showing your "Days Left" and "Signals Left". The application relies on these two balances to run the automation.

TradeZero Account

1   Go to the "Authentication & Setup" panel.

2   In the "TradeZero" section, your username will be displayed.

3   Enter the password for your TradeZero account.

4   Click the "Connect TradeZero" button.

5   If your account requires two-factor authentication (OTP), a pop-up modal will appear asking for the OTP code. Enter it and click "Submit OTP".

6   Upon a successful login, the button will turn green and display "Connected".

Connecting a Signal Source

 https://ngrok.com

1 Go to the "Ngrok" section of the interface.

2 You will need an "Ngrok Auth Token." You can get one for free from the Ngrok website.

3 Copy your Auth Token and paste it into the "Ngrok Auth Token" field.

4 Click the "Start Webhook" button.

5 Upon a successful connection, the button will turn green, and your unique webhook URL will appear in the Signals Template modal.

Connecting a Signal Source

Telegram

1 Go to the "Telegram" section.

2 Telegram Bot Token: Enter the token for the bot you created via BotFather in Telegram.

3 Admin User ID: Enter your personal Telegram User ID (you can get this from Our Bot @Nabdelashombot)

4 Channel ID (Optional): If you want to receive signals from a channel, add your bot as an administrator to the channel and enter the Channel ID here (it must start with -100).

5 Click the "Connect Telegram" button. It will turn green upon success.

Authentication & Setup Panel

This is the panel you used to connect your accounts.

Trade Configuration Panel

This panel is locked until you successfully log in to TradeZero. Here, you can control the trading behavior.

- **Signals Template Button:** Clicking this opens a modal containing your webhook URL (if active) and ready-to-copy JSON templates for use in TradingView.

- **Signal Source:** Choose between "Webhook" or "Telegram Channel" as your primary source for receiving orders.

- **Trade Power %:** Defines the percentage of your Buying Power to be used for each trade. Example: If your buying power is $1,000 and this is set to 10%, the trade size will be $100.

- **Take Profit %:** Sets the target profit percentage to close a trade.

- **Stop Loss %:** Sets the maximum loss percentage before a trade is closed.

- **Auto Close Positions:** When enabled, the software will automatically close all open positions 15 minutes before the market closes.

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Trade Configuration Panel

⚙ **Trade Configuration**

SIGNALS TEMPLATE

Signal Source

| WEBHOOK | TELEGRAM CHANNEL |

Trade Power %

50.0%

Take Profit %

8.0%

Stop Loss %

10.0%

Auto Close Positions ⬤

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Trading Dashboard Panel

This panel displays live data from your TradeZero account.

- **Account Value:** The total value of your account.

- **Buying Power:** The available capital for entering new trades.

- **Equity Exposure:** The portion of your account's value that is currently invested in active trades. It is calculated as Account Value minus Buying Power.

- **Trade Power:** The actual dollar amount that will be used in the next trade, based on your Trade Power % setting.

- **Total/Active Trades:** A count of all trades and currently active ones.

- **Today's P/L:** The net profit or loss from trades closed today.

Trading Dashboard Panel

📊 Trading Dashboard 👁

$100,000
ACCOUNT VALUE

$70,000
BUYING POWER

$30,000
EQUITY EXPOSURE

$35,000
TRADE POWER

5
TOTAL TRADES

2
ACTIVE TRADES

$10,000
TODAY'S P/L

START   INACTIVE   STOP

CLOSE ALL POSITIONS
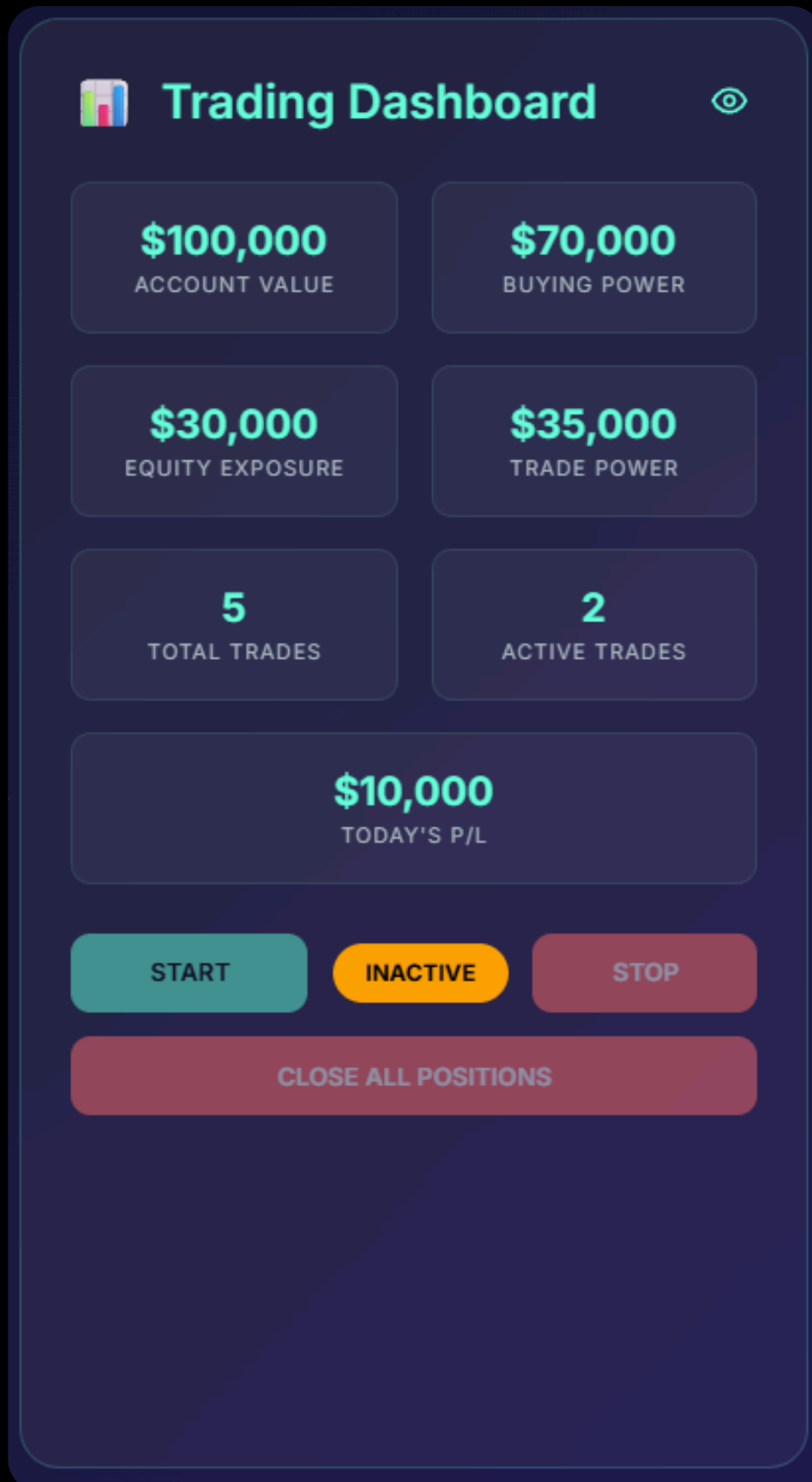
Logs & Export Panels

- **Trading Log:** Displays the details of executed trades (buy, sell, quantity, price, P/L).

- **Export Button:** Exports the entire Trading Log to an Excel file and saves it to your desktop in a folder named Auto Trade Exports.
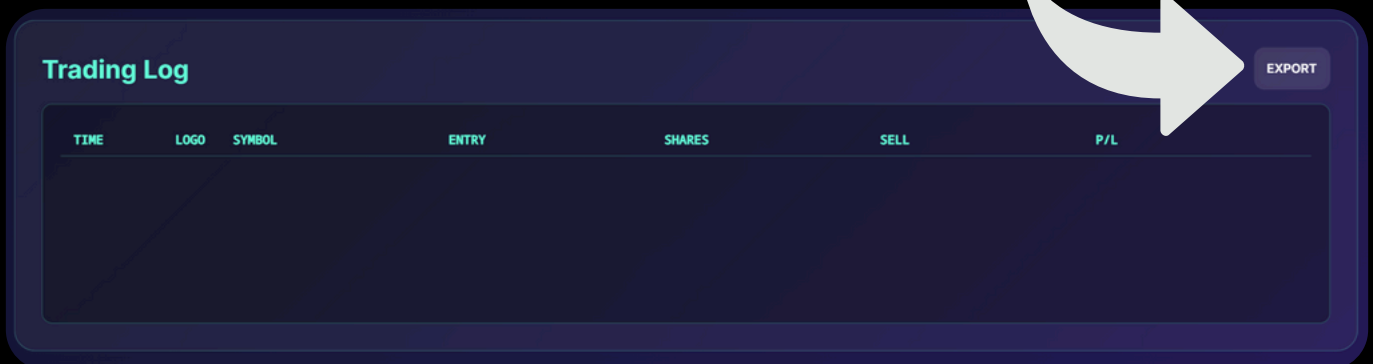
- **Application Log:** Shows status messages about the program's operations, such as receiving a signal, encountering an error, etc.

Starting and Stopping the Automation

- **To Start Trading:** You must be logged into TradeZero and have at least one signal source connected (Webhook or Telegram). Click the "Start" button. The status indicator will change to "ACTIVE" in green.
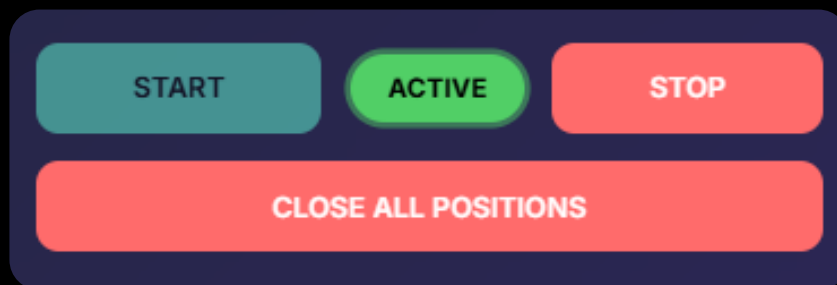
- **To Stop Trading:** Click the "Stop" button. The status indicator will return to "Inactive". No new signals will be executed after stopping.

Understanding Signal Types

IMPORTANT

This is how your external signal system (like TradingView) "talks" to your software.

Understanding Signal Types: Buy+ vs. Buy/Sell

- **"Side": "Buy+"**
  - **Use Case:** For indicators that only provide an entry (buy) signal.
  - **Behavior:** When the software receives a Buy+ signal, it buys the stock and then automatically places a Range Order using the "Take Profit %" and "Stop Loss %" values from the user interface.
  - This mode is ideal for "set and forget" strategies.
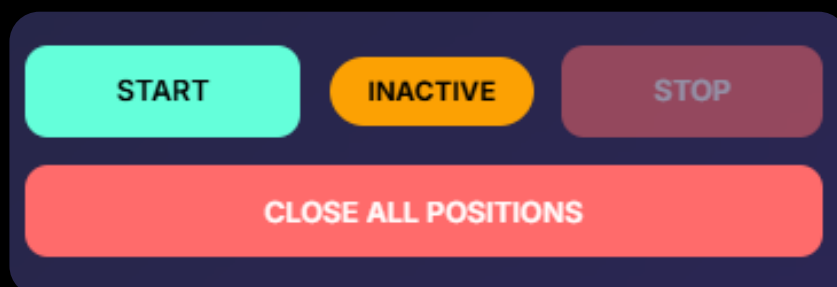
- **"Side": "Buy" and "Side": "Sell"**
  - **Use Case:** For strategies or indicators that provide both an entry (Buy) and a separate exit (Sell) signal.
  - **Behavior:**
    - Upon receiving a Buy signal, the software buys the stock and will not place an automatic sell order.
    - It will wait until it receives a Sell signal for the same stock to close the position.
  - This mode is ideal for strategies that determine their own exit points.

Understanding Signal Template

BUY+

IMPORTANT

1. Standard BUY+ Template:

This is the most basic BUY+ signal. It tells the software to execute a trade using all the default settings currently configured in the Trade Configuration panel of the user interface.

BUY+

```
{
"Ticker":"{{ticker}}",
"Side":"Buy+"
}
```

COPY

How it works:

- It uses the **Trade Power %** set in the application to calculate the trade size.
- It uses the **Take Profit %** and **Stop Loss %** set in the application to create the automatic sell order.

Understanding Signal Template

BUY+

IMPORTANT

2. BUY+ with Percentage Template

This template allows you to override the default "Trade Power %" for a single, specific trade while still using the default Take Profit and Stop Loss settings from the GUI.

```
BUY+ with Percentage

{
"Ticker":"{{ticker}}",
"Side":"Buy+",
"Percentage":1
}
```

COPY

How it works:

- The **"Percentage":1** key will instruct the software to use **1%** of the buying power for this trade, ignoring the "Trade Power %" slider in the application .
- It will still use the **Take Profit %** and **Stop Loss %** from the application for the exit order.

Understanding Signal Template

BUY+

IMPORTANT

3. BUY+ with Take Profit & Stop Loss Template

This template allows you to override the default "Trade Power %" for a single, specific trade while still using the default Take Profit and Stop Loss settings from the GUI.

BUY+ with TP & SL

```
{
"Ticker":"{{ticker}}",
"Side":"Buy+",
"TP":1,
"SL":2
}
```

COPY

How it works:

- The **"TP":1** key sets the Take Profit target to **1%** for this trade only.
- The **"SL":2** key sets the Stop Loss to **2%** for this trade only.
- It will still use the **Trade Power %** from the application to calculate the trade size.

Understanding Signal Template

BUY+

IMPORTANT

4. BUY+ with Percentage, TP & SL Template

This is the most flexible template, giving you full control to override all the main trade parameters for a single signal.

BUY+ with Percentage, TP & SL

```
{
"Ticker":"{{ticker}}",
"Side":"Buy+",
"Percentage":1,
"TP":1,
"SL":2
}
```

COPY

How it works:

- This signal will execute a trade using **1%** of your buying power.
- It will set a Take Profit target of **1%**.
- It will set a Stop Loss of **2%**.
- All three settings (Trade Power, Take Profit, and Stop Loss) in the GUI will be **ignored for this specific trade**.

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Understanding Signal Template

IMPORTANT

BUY&SELL

1. The BUY Signal Template

This template is used to open a new position. It executes a buy order using the default "Trade Power %" from the GUI and then waits for a future SELL signal.

BUY

```
{
"Ticker":"{{ticker}}",
"Side":"Buy"
}
```

COPY

How it works:

- It uses the **Trade Power %** set in the GUI to calculate the trade size.
- **Important:** No automatic exit order is placed. The position will remain open until a **SELL** signal is sent for the same ticker.

Understanding Signal Template

IMPORTANT

BUY&SELL

2. The BUY with Percentage Template

This template allows you to open a new position while overriding the default "Trade Power %" for that specific trade.

BUY with Percentage

```
{
"Ticker":"{{ticker}}",
"Side":"Buy",
"Percentage":1
}
```

COPY

How it works:

- The **"Percentage":1** key will instruct the software to use **1%** of the buying power for this trade, ignoring the **"Trade Power %"** slider in the GUI.
- Just like the standard BUY signal, no automatic exit order is placed.

Understanding Signal Template

IMPORTANT

BUY&SELL

3. The SELL Signal Template

This template is used to close a position that was previously opened with a BUY signal. It is a simple instruction to sell the shares of the specified ticker at the current market price.

SELL

```
{
"Ticker":"{{ticker}}",
"Side":"Sell"
}
```

COPY

How it works:

- When the software receives this signal, it will close the entire open position for the specified **{{ticker}}**.
- This signal will only be successful if there is an existing active trade for that symbol in the system's memory. If no position is open, the signal will be ignored.

How to Connect with TradingView

TradingView

1 From the software interface, open "Signals Template" and copy the "API Endpoint URL".

2 In TradingView, when creating an Alert, go to the "Notifications" tab.

3 Enable the "Webhook URL" option and paste the URL you copied.

4 In the "Message" box, paste the JSON template that fits your strategy.

5 Save the alert. Now, when the alert condition is met, TradingView will send the command to your software.

How Signal Credits Are Consumed

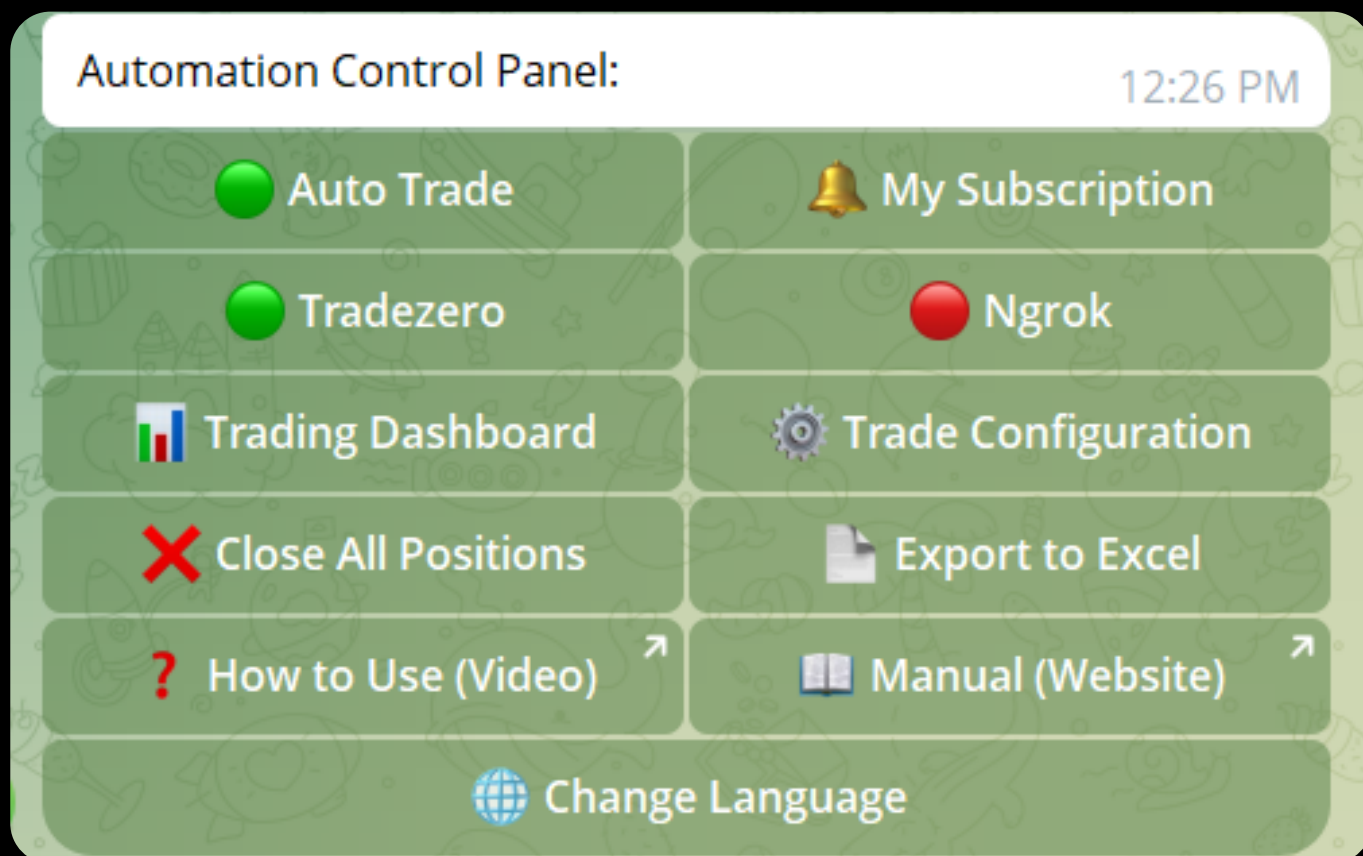**23** DAYS LEFT   ⚡ **94** SIGNALS LEFT

It is important to understand how signal credits are deducted from your subscription:
- A **BUY+ signal**, when successfully executed, consumes **one signal credit**.
- A **BUY signal**, when successfully executed, consumes **one signal credit**.
- A **SELL signal**, when successfully executed (to close a previous BUY trade), also consumes **one signal credit**.
- This means a complete **BUY/SELL trading cycle** consumes a total of **two signal credits**.

If your available signals run out, the automation will stop automatically. You will need to order a new subscription to resume trading.

The Telegram bot provides a powerful and convenient way to manage the entire trading application remotely from your phone. To begin, send the /start command to your bot, which will bring up the Automation Control Panel as shown in the image provided.

Automation Control Panel: 12:26 PM

🟢 Auto Trade   🔔 My Subscription
🟢 Tradezero   🔴 Ngrok
📊 Trading Dashboard   ⚙️ Trade Configuration
❌ Close All Positions 📄 Export to Excel
❓ How to Use (Video) ↗ 📖 Manual (Website) ↗
🌐 Change Language

Full Control via the Telegram Bot

Understanding the Main Menu

1. Status Indicators

The 🟢 (green) and 🔴 (red) lights next to certain buttons provide an at-a-glance status update

🟢 **Green:** Indicates the feature is Active or Connected.

🔴 **Red:** Indicates the feature is Inactive or Not Connected.

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2. 🟢/🔴 Auto Trade

- This button acts as the main switch for the automation.
- If it shows a **red** light, pressing it will start the automation (provided TradeZero is logged in and a signal source is active).
- If it shows a **green light**, pressing it will stop the automation.

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3. 🔔 My Subscription

- Pressing this button displays your current subscription status, including the number of **Days Left** and **Signals Left**.

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4. 🟢/🔴 Tradezero

- This shows the connection status to your TradeZero account. The image shows it's connected (🟢).
- If it were red, pressing this button would initiate the login process, prompting you to enter your TradeZero password directly in the chat.

Understanding the Main Menu

5. 🟢/🔴 Ngrok

- This shows the status of the webhook connection for receiving signals from sources like TradingView. The image shows it's not connected (🔴).
- Pressing it when red will prompt you to enter your Ngrok Auth Token to start the webhook service.

6. 📊 Trading Dashboard

- Provides a real-time summary of your trading account, including Account Value, Buying Power, Equity Exposure, and Today's P/L.

7. ⚙️ Trade Configuration

- This opens a sub-menu where you can configure all trading parameters remotely. You can:
  - Change the **Signal Source** between Webhook and Telegram.
  - Set new percentages for **Take Profit**, **Stop Loss**, and **Trade Power**.
  - Toggle the **Auto Close Positions** feature on or off.
  - View the **Signals Templates** and your webhook URL.

8. ❌ Close All Positions

- This command allows you to immediately close all active trades managed by the bot. It will ask for confirmation before executing the action.

Understanding the Main Menu

9. 📄 Export to Excel

- Upon pressing this, the bot will generate an Excel file of your complete trading history and send it to you directly in the chat.

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10. ❓ How to Use and 📖 Manual

- These buttons provide direct links to support materials to help you use the software.

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11. 🌐 Change Language

- Opens a menu that allows you to switch the bot's interface language between English and Arabic.

Advanced Features and Scenarios

Browser Connection Lost:
- If the browser crashes or is closed manually, the program will detect it, stop the automation, and the "Connect TradeZero" button will turn red and pulse to alert you to log in again.

Subscription Expiration or Depletion of Signals:
- **If your Signals Left run out before your Days Left**: The auto-trading will stop automatically. You will receive a notification in the application log and via the Telegram bot. To continue trading, you must renew your subscription.
- **If your Days Left run out:** The application will stop working, and any remaining signal credits will be voided. You must renew your subscription to continue using the service.
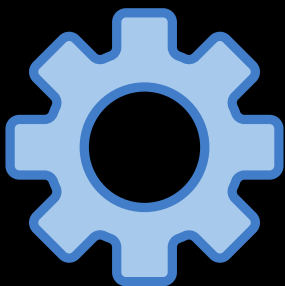
Automatic Partial Day Detection The system
- automatically checks If the current day is a partial market day (e.g., the day after Thanksgiving), it will intelligently adjust its "Auto Close" time to 1:00 PM ET instead of the usual 4:00 PM ET to ensure positions are managed correctly.

Advanced Features and Scenarios

Dynamic Order Types for Extended Hours

- The software is aware of the market status (pre-market, regular hours, post-market). If a trade signal is received during pre-market or post-market hours, it may automatically switch the order type from a Market (MKT) order to a Limit (LMT) order with a "Good Til Extended" (GTX) time-in-force to ensure compatibility with extended-hours trading rules.

Duplicate Trade Prevention for BUY/SELL Cycles

- The system keeps track of active BUY/SELL trades in its memory. If it receives a BUY signal for a symbol that already has an active open position, it will ignore the new signal to prevent creating a duplicate position.

Multiple Simultaneous BUY+ Trades

- In contrast to the BUY/SELL cycle, the system is designed to allow multiple, independent BUY+ trades on the same symbol. Because each BUY+ trade automatically creates its own self-contained exit order (TP/SL), a new BUY+ signal is treated as a completely separate trade and will be executed even if other BUY+ trades for that same symbol are already active.

FAQ and Technical Support

Q: The "Start Webhook" button isn't working or gives an error.
A: Ensure you have copied the "Ngrok Auth Token" correctly from the Ngrok website. Also, check your internet connection.

Q: The bot says it cannot read messages in the channel.
A: Make sure you have added the bot as an "Admin" in the channel and have given it permission to read messages.

Q: Trades are not being executed when a signal arrives.
A: Check the following:
- Is the automation status "ACTIVE"?
- Is the selected Signal Source in the UI (Webhook/Telegram) the one you are actually using?
- Did you paste the Webhook URL and JSON message correctly in your TradingView alert?
- Check the "Application Log" for any error messages.

Technical Support

https://t.me/ShaadyEmad

ShadyEmadContact@gmail.com

THANK YOU!

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