

CANNON TREND EA

Guide - 2026



EA Cannon Trend is a powerful trading assistant designed to completely eliminate personal emotions from the trading process. Developed using MQL5, the EA makes decisions entirely based on predefined rules and strategies, ensuring consistency and efficiency without being influenced by human emotions.

What's new: version 2.4

Important Note:

Please keep your successful .set file from the previous version and test thoroughly on a demo account before switching to version 2.4


Bollinger Bands Signal Strategy

- EA can now enter trades based on Bollinger Bands signals.
- Signal architecture is open-ended — more signal sources will be added in upcoming versions.

Close By & Partial Close

- Added support for closing opposite orders and partial position exits.
- Makes better use of spread.

 Thank you for your continued trust and support.

 **We'd love to hear feedback from fellow traders so we can improve the bot together and better support the trading community.**

Settings Overview and Parameter Explanation

Variable	Value
 Order comment	Cannon Trend
 Magic Number	3191
 Max slippage (points)	50
 Enable click sound	true

Magic Number A unique ID that helps the EA recognize and manage only its own orders. When running multiple EAs or tabs on the same account, each EA must have a different Magic Number to avoid conflicts and ensure accurate trade management.

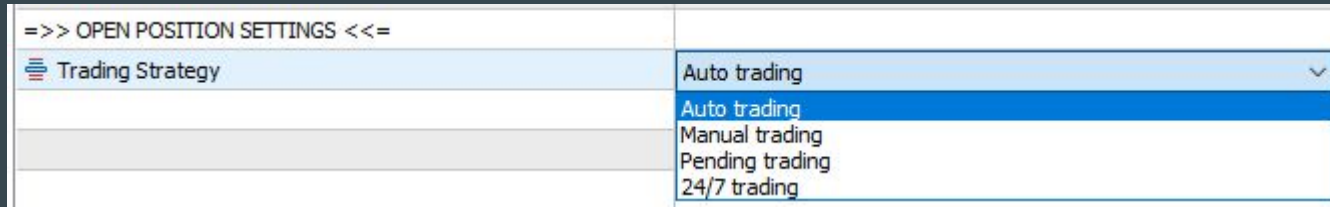
Notes:

- If Magic Number = 0 → the EA manages ALL orders, including manual trades and those from other EAs.
- When "Pending Trading" mode is selected, Magic Number is always treated as 0 regardless of your setting.

Slippage The difference between the expected price and the actual execution price. Most common during high volatility or low liquidity — when prices move suddenly while the order is being executed.

Set an acceptable slippage value (in points). The EA will reject execution if the price deviation exceeds this threshold — helping manage trading risk effectively.

Enable click Sound Toggle the click sound on the control panel buttons.



 **Auto trading** The EA automatically trades using the **day's opening price** as the **central price point**.


When the scheduled time arrives → the EA activates and begins trading.

The day's opening price is used as the central price point for calculating price bands.

When the **Price Bands Take Profit** target is reached → the central price point resets.

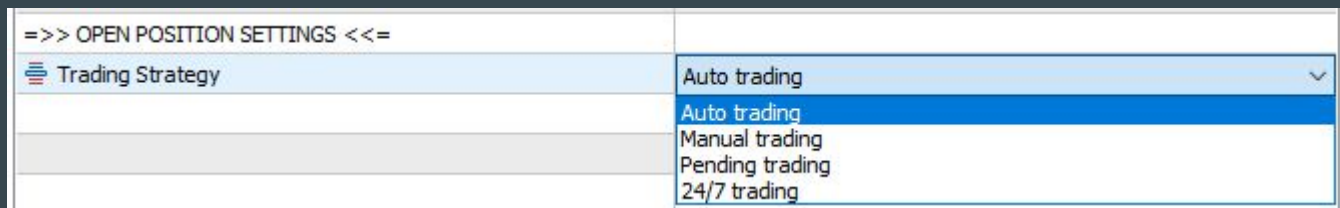
The timing for this reset is managed by the **Strategy option: Auto Trading** setting.

Once the Take Profit (TP) target is reached → the EA stops and resumes trading the next day.

 **Note:** All trading strategies carry risks, and this one is no exception. Make sure you understand how it works before using it on a live account.

 **Manual trading**

The user manually sets the **central price point** and has **full control** over the EA based on their preferences.



 **Pending trading** Users place **pending orders** first — the EA only starts operating once those orders are triggered.

Supports order placement directly from the MT5 app on mobile phones, tablets, laptops, and desktops.

Allows instant Buy/Sell order execution when needed.

Once the pending order is triggered → the EA starts operating and trades based on the preset configurations.

 **Note:**

In this mode, Magic Number is always set to 0, even if you specify another value.


This is because all trades manually placed from the MT5 app are automatically assigned Magic Number = 0.

Therefore, the bot will only recognize and process trades with Magic Number = 0 when using Pending Trading.

 **24/7 trading** The EA runs non-stop — continuously opening and closing trades even after hitting Take Profit (TP) or Break Even (BE).

The EA does not stop after hitting TP or BE — it immediately continues looking for new trading opportunities.

Ensures no trading opportunities are missed throughout the session.

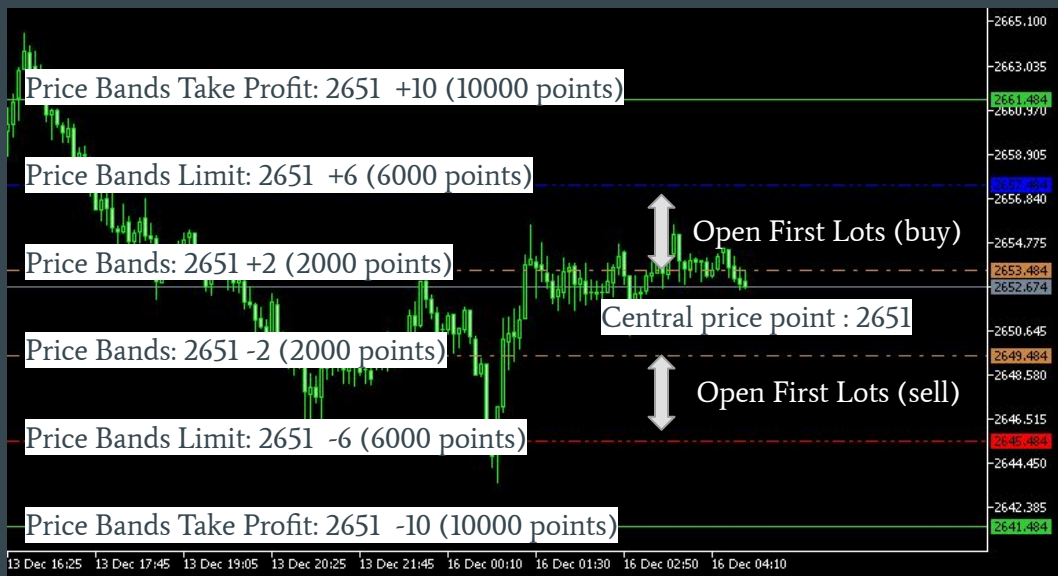
 **Note:** This mode keeps the EA running at all times, meaning higher risk exposure due to constant interaction with market fluctuations. Only use this mode when you fully understand the risks involved.

=>> Entry & Price Band Settings <<=-----	
Trading strategy	Signals trading
1/2 Initial lot size	0.01
01 Max orders per side with initial lot size	1
Use candle color filter (green/red)	false
Timeframe for initial lot sizing	5 Minutes
1/2 Central price point (for manual trading)	0.0
01 Price bands (in points)	2000
01 Price bands limit (in points)	6000
01 Price bands take profit (in points)	10000

Initial lot size The base lot size used to open the first trades on each side (Buy/Sell).

Max orders per side with initial lot size The maximum number of trades allowed per direction (Buy or Sell) using the initial lot size.

Use candle color filter (green/red): Filters entry signals based on candle color — only allows Buy on green (bullish) candles and Sell on red (bearish) candles.



Timeframe for initial lot sizing: Select the timeframe used to open positions with a volume equal to the Initial Lot Size.

When **Max orders per side with initial lot size** > 1:
 — A green candle triggers a Buy order. A red candle triggers a Sell order.
 — Additional condition: the current price must be within the Open First Lots zone. (See illustration)

Central price point (for manual trading): Only set when the Trading Strategy is Manual Trading.



Price bands (in points) displayed as **orange horizontal lines** on the chart. When the price touches this line, a **hedge position is instantly opened**.






Similarly, the **Initial lot size** will **automatically trigger a trade** when the price enters the predefined buy or sell zone.

Price bands limit (in points) Price boundary — the EA will not open any new positions if the price goes beyond these limits.

- The **blue line** marks the **Buy limit**.
- The **red line** marks the **Sell limit**.

If the price goes beyond these limits, the system will **not open any new positions**, including hedge positions.

Price bands take profit (in points) is shown as a **lime green horizontal line** on the illustration. When the price **crosses this line**, the EA will **automatically close all positions** to secure profits, **provided that the current profit is greater than or equal to zero (≥ 0)**. If Break Even (BE) is activated → the EA will prioritize BE first.

=>> Hedge Volume Scaling <=<-----	
 Adjust volume based on open hedge positions	true
 Hedge count to trigger volume adjustment	6
 Price Bands used for hedge volume scaling (in points)	20000
 Use hedge pattern for volume control	true
 Pattern rule for volume adjustment	Odd sequence: 1-3-5-...

Adjust volume based on open hedge positions Enables the bot to dynamically adjust lot size based on the number of open hedge trades.

Hedge count to trigger volume adjustment The minimum number of open hedge trades required before the bot starts adjusting volume.

Price Bands used for hedge volume scaling

Price bands used as reference zones for calculating hedge volume.

Bands set **farther from the central price point** → hedge volume may be **smaller**.

Bands set **closer to the central price point** → hedge volume may be **larger**.

Hedge volume is automatically calculated so that when the market price reaches a band, the total net PnL of all open positions will be at **break-even**.





Use hedge pattern for volume control Enable or disable the use of a pattern for hedge volume control.

Pattern rule for volume adjustment Select the pattern for volume adjustment — applied on odd or even hedge orders.

Odd Sequence → Volume scaling is applied at the 1st, 3rd, 5th... (odd) hedge orders.

Even Sequence → Volume scaling is applied at the 2nd, 4th, 6th... (even) hedge orders.

 **Note:** To use this feature → **Adjust Volume Based On Open Hedge Positions** must also be enabled (true).

=>> Hedge Settings <<=-----	
 Enable opposite-direction hedging	true
 Hedge lot multiplier (percent)	100.0
 01 Max open hedge orders allowed	99
 Hedge comment tag (used to track open hedges)	Cannon Trend Hedge

Enable Opposite-direction hedging Enable or disable the feature that opens a hedge position in the opposite direction when the price hits the **Price Bands**.

Hedge lot multiplier (percent) Determines the hedge lot size based on a percentage calculation of current trade volumes.

When the price **breaks above the Price Bands (orange line)** → the system automatically opens a **hedge position** using the formula:

Hedge lot size = Total Sell volume + (Total Sell volume × Hedge Lot Multiplier %) - Total Buy volume


Example:

- Total Buy volume = 0.09
- Total Sell volume = 0.18
- Hedge Lot Multiplier = 100%

👉 When the price breaks above the Price Bands → a **hedge Buy** order will be opened with volume:

→ $0.18 + (0.18 \times 100\%) - 0.09 = 0.27$

Max open hedge orders allowed The maximum number of hedge positions allowed — counting the total of both Buy and Sell directions combined.

 **Hedge comment tag (used to track open hedges)** A tag used to track the total number of open hedge positions. The Hedge Comment Tag must be **set differently from other comments** — to avoid confusion during trade management.

=>> Break-even Exit <<=-----	
↗ Auto-close all positions at break-even	false
01 Min hedge trades required to enable break-even	5
½ Total loss threshold (\$) to activate break-even logic	0.0
01 Break-even buffer (in points)	50

Auto-close all positions at break-even

Automatically closes all open positions when the total account PnL reaches break-even or a small predefined profit (set via buffer).

Min hedge trades required to enable break-even

The minimum number of hedge positions that must be open for the break-even logic to activate.

- If the number of open hedge trades has not reached this threshold → the break-even logic will not activate.
- Helps prevent early exits during temporary hedging situations.

Total loss threshold (\$) to activate break-even logic

The minimum total floating loss (in account currency) required before the break-even mechanism is triggered.

- If the total loss has not exceeded this threshold → the break-even mechanism will not trigger.
- Ensures the logic only applies when there is significant risk exposure.

Break-even buffer (in points) Sets a positive buffer (in points) above the break-even line.

- Instead of closing exactly at the break-even point → the EA waits until the price moves beyond the buffer before closing.
- Prevents premature closures due to spread or minor price fluctuations.

=>> Profit Target Settings <=<=-----	
➡ Enable profit target to stop trading	false
01 Profit target amount (\$)	1000
½ Profit target (% of initial account balance)	10.0
➡ Continue trading after reaching profit target	false

📌 **Note:** To reset the profit target base to the current balance, do one of the following:

- Press the **Close All** button on the panel.
- Wait for **Stop Loss** to trigger.
- Reach the profit target → the system will auto-reset.

Enable profit target to stop trading Enables the EA to automatically stop trading once the total profit target is reached.

The EA starts accumulating profit from the moment it is activated.

Profits accumulate across multiple days until the target is reached.

Example: EA starts with \$1,000 balance, profit target is \$500 → EA accumulates gradually (\$100 Monday, \$100 Tuesday...) until the account reaches \$1,500 → closes all trades and stops trading.

Profit target amount (\$)

Sets the total profit goal in account currency, calculated based on the account balance at the time the EA started running.

Profit target (% of initial account balance)

Sets the profit target as a percentage of the initial balance when the EA started — not the current balance.

Continue trading after reaching profit target Allows the EA to keep trading after reaching the total profit target.

If enabled (true) → the EA continues trading after reaching the target.

If disabled (false) → the EA closes all trades and stops trading once the target is hit.

=>> Cut Loss Settings <<=-----	
➡ Enable cut loss to stop trading	false
½ Maximum loss allowed (\$)	-1000.0
½ Max loss (% of account balance)	20.0
➡ Continue trading after reaching loss limit	false

Enable cut loss to stop trading

Enables the EA to automatically close all positions and stop trading when losses exceed the allowed limit.

Maximum loss allowed (\$)

Sets the maximum loss limit in account currency — calculated based on the floating profit/loss of open trades only. Closed trades are not included.

Max loss (% of account balance)

Defines the loss threshold as a percentage of the current account balance.

Continue trading after reaching loss limit

Allows the EA to keep trading after reaching the loss limit.

If enabled (true) → the EA continues trading after reaching the loss limit.

If disabled (false) → the EA closes all trades and fully stops trading once the threshold is hit.



Managing risk effectively will help you succeed

=>> Basket Profit Lock <=<=-----	
🔄 Enable/disable basket profit locking	false
01 Basket profit threshold (in points) to start locking	2000
🔄 Enable/disable for the single open position	false
01 Profit threshold (in points) to start locking for the sing...	4000
01 Safety buffer from break-even (in points) when locking	160
01 Trailing step for the lock (in points) as profit grows	1000

Enable/disable basket profit locking Enable or disable basket profit locking — calculated across all open Buy and Sell positions simultaneously.

Basket profit threshold (in points) to start locking The minimum profit threshold (in points) across all open positions required before profit locking begins.

Enable/disable for the single open position Enable or disable profit locking applied only when there is exactly 1 open position. Two or more positions will be calculated as a Basket

Profit threshold (in points) to start locking for the single open position The minimum profit threshold (in points) to start locking — only applies when there is exactly 1 open position. Two or more positions will be calculated as a Basket.

Safety buffer from break-even (in points) when locking A safety buffer from the break-even point — helps minimize the impact of spread or market fluctuations when setting SL/TP.

Trailing step for the lock (in points) as profit grows The trailing step (in points) — SL/TP shifts with each incremental profit increase to better protect accumulated gains.

=>> Control From The Mt5 App (0 = not used) <<=-----	
½ Enable EA	1.0
½ Disable EA	2.0
½ Activate BE & TP, continue trading	3.0
½ Activate BE & TP, disable EA	4.0
½ Close all positions, disable EA	5.0
½ Enable basket profit locking, disable EA	6.0

Control the EA directly from the MT5 app on your phone, tablet, or PC by placing pending orders at predefined price levels.

Enable EA: Activate the EA. (0 = not used)

Disable EA: Deactivate the EA. (0 = not used)

Activate BE & TP, continue Trading: Enables breakeven (BE) and take profit (TP) while keeping the EA running. (0 = not used)

Activate BE & TP, disable EA: Enables breakeven and take profit, then stops the EA. (0 = not used)

Close all Positions, disable EA: Closes all open positions and stops the EA. (0 = not used)

Enable basket profit locking, disable EA: Activates the basket profit locking feature, then stops the EA. (0 = not used)



Note:



If the EA is turned off → you must re-enable it to resume trading.

If using multiple tabs with the same symbol → set a different identifier number for each tab to avoid conflicts.

=>> Strategy option: Auto Trading <<=-----	
ab Start Time (HH:MM) (00:00 = not used)	00:00
↕ Re-enter when price crosses central point	false

🔔 These settings only apply to Auto Trading mode

Note: Start Time must always be entered in the correct HH:MM format.

-  Correct: 01:18
-  Incorrect: 1:18 or 01:1

=>> Strategy option: 24/7 Trading <<=-----	
24/7 trading strategy	Non-Stop mode
Select timeframe for timeframe-based mode	1 Minute

🔔 These settings only apply to 24/7 trading mode

24/7 Trading Strategy with two different operating modes:

- Non-Stop mode → The EA continues trading immediately after reaching Take Profit, without stopping.
- Timeframe-Based mode → The central price is determined based on the opening price of the selected timeframe below.

Select Timeframe for Timeframe-Based Mode: Choose the timeframe used to determine the central price point in Timeframe-Based mode.

Start Time (HH:MM) (00:00 = not used)

The time when the EA resumes trading by resetting the central price point to the daily opening price.

→ Only applies if the **previous day's trading ended with a profit** and there are **no active positions remaining**.

→ If set to **00:00**, this feature is **disabled**.

Re-enter when price crosses central point

If the **Take Profit target** has already been reached today → the EA will **reopen trades** when the price **crosses back through the central point** (daily opening price).

Non-Stop mode

Non-Stop mode

Timeframe-Based mode

=>> Bollinger bands strategy <=<-----...	
Strategy selection	Up trend buy and down trend sell
Signal execution timing	Bar close price
01 Indicator period (bars)	20
1/2 Standard deviation	2.0
Price source	Close price
Calculation timeframe	30 Minutes

Up trend buy and down trend sell
Sell above and buy below
Buy above and sell below
Up trend buy and down trend sell
Down trend buy and up trend sell
Cross up central band in up trend buy
Cross down central band in down trend sell

6 trading strategies based on Bollinger Bands signals — from mean reversion to trend-following.

Strategy 1 — Sell Above & Buy Below Mean reversion trades when price touches the outer Bollinger Bands.

Strategy 2 — Buy Above & Sell Below Momentum trades when price breaks through the outer Bollinger Bands.

Strategy 3 — Up Trend Buy & Down Trend Sell Trend-following trades — Buy in uptrend, Sell in downtrend, based on price crossing the middle band.

Strategy 4 — Down Trend Buy & Up Trend Sell Counter-trend trades — Buy in downtrend, Sell in uptrend, when price wicks beyond the band but closes inside.

Strategy 5 — Cross Up Central Band In Up Trend Buy Open Buy when price crosses up through the middle band in a confirmed uptrend.


Strategy 6 — Cross Down Central Band In Down Trend Sell Open Sell when price crosses down through the middle band in a confirmed downtrend.



Suggested EA Operation

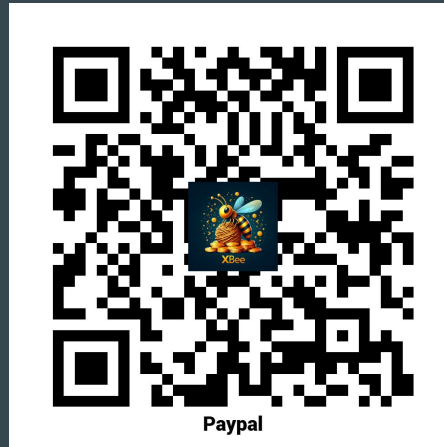
- The EA leverages the inherent nature of the market—prices are never static; they are in constant motion, creating opportunities to capitalize on.
- Your key role is to manage capital effectively—a challenging task that demands caution, as the risks involved are significant for everyone.
- Find a configuration that suits your needs, balancing profitability, safety, and risk.
- 🔥 **The important thing is not to blow the account before reaching the take profit.**

Trading Risk Warning - Disclaimer

 Trading in financial markets involves significant risks and may not be suitable for all investors. It is important to understand that you can lose some or all of your invested capital. Ensure you fully understand the risks involved and carefully consider your investment objectives and risk tolerance before trading. The developer is not responsible for any losses incurred while using this EA.

Telegram:
@Xbee_coder











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👏 Want to customize your EA? For a small fee starting from \$50, I can add the features you need.
Contact me now to upgrade your bot! 😊

✉ Contact me on Telegram: @Xbee_coder or MQL5 Messages.

Here are some suggestions for you:

-  **Auto Trading Mode** Using the daily opening price as a trading center point, combined with a well-optimized setup, is ideal for those who don't have time to monitor the market. This method involves less frequent trading and yields lower profits, but also comes with lower risks.  However, risk is always present — remember to set a **cut loss**.
-  **24/7 Trading Mode** With over 2 years of experience using this mode, I can confirm it is very risky.  I have blown my account more than twice. This approach requires you to **manually control** when to turn the EA on or off — it should never run non-stop. Once again, setting a **cut loss** is essential.
-  **My Strategy:** My friends and I take a safer approach with this EA: we use a **cent account** to run the EA 24/7. When the EA opens around 4–5 hedge orders, we then switch to running on a **USD account**.  This strategy significantly reduces risk but requires patience and strong discipline.
-  **Final Thoughts:** An EA is just a **supporting tool**, not a magic wand.  Success or failure still depends on your decisions. Many people misunderstand and expect the EA to generate steady profits without intervention — this is a major misconception.
-  **Wishing both you and me** — traders who truly understand how harsh the market can be — to achieve success, even if just a little.
-  **Thank you for taking the time to read this!** 