



APEX MANUAL

Introducing the latest addition to our line of forex trading robots - **the Apex Trader**. Developed using years of experience in creating expert advisors, Apex Trader is a powerful and reliable tool to help you achieving consistent and stable results in the forex market.

Our team of experienced developers has dedicated a lot of time and resources in researching and creating this robot. We have been using a variety of different strategies, including mean-reversion and trend-following, to ensure that Apex Trader is able to adapt to any market conditions. And the result is a robot that is able to trade profitably, even in the most challenging market conditions.

Apex Trader specializes in trading the AUDCAD, AUDNZD, and NZDCAD currency pairs, utilizing a smart grid system with variable take-profit levels to maximize profits. The robot also features safety measures to prevent blowing up the account, which is usually the risk with grid systems, making it a suitable choice for traders of all levels.

The smart grid system allows Apex Trader to open multiple positions, increasing the chances of profiting from the trend. It also uses a smart management of the take-profit levels, which adapts to the market conditions. This ensures that profits are locked in, while minimizing the risk of losing money.

Apex Trader offers three sets of settings to cater to different grid preferences - conservative, elevated, and optimal grid setups. The conservative grid set is recommended for traders with a minimum account size of \$2000, while the optimal grid set is suited for traders with a

minimum account size of \$10000. This allows traders to choose the settings that best suit their risk tolerance and investment goals.

In addition to its safety features, Apex Trader boasts extreme growth potential, making it an ideal choice for traders looking to take their trading to the next level. The robot is able to perform well in various market conditions, whether trending or ranging. It also has a built-in mechanism that is able to adjust its strategy accordingly, ensuring that it is always able to take advantage of profitable opportunities.

We are confident that Apex Trader will be a valuable addition to your trading arsenal. Its powerful features and advanced algorithms will help you to achieve consistent and stable results, while minimizing the risk of losing money.

How to set up the EA:

First make sure to add the following 2 URL's to the MT4/MT5's settings (Tools -> Options -> Expert Advisors -> Allowed URL's):

- <https://ec.forexprostools.com/>
- <https://www.worldtimeserver.com/>

These are necessary for the news filter, and Auto GMT to work properly.

Recommended broker:

- <https://www.icmarkets.com/?camp=48854>

Backtesting:

It is highly recommended to run the backtests in MT5. That way, you'll have backtesting up to 100% quality tickdata with variable spread. That will be closest to the real live trading. (For good historical data quality, I recommend using Alpari broker on MT5. You can use a demo account for that. They have some of the most reliable historical data)

Also, MT5 allows to run all pairs together in 1 test, so you can see the results of the portfolio when using automatic lotsize much better.

- Run the test on EURUSD M15 (most ticks for backtesting)
- Enable the OneChartSetup in the parameters

- Keep in mind that the EA does NOT support other pairs besides AUDCAD, AUDNZD or NZDCAD. **It is highly recommended only to use these 3!**
- Set your risk settings (see below for different risks)
- For MT4: run all pairs individually (no OneChartSetup as it doesn't work in MT4 backtesting)

Running live:

A) With OneChartSetup enabled: Simply run the EA on a EURUSD M15 chart with OneChartSetup enabled and set up your risk (explained below).

B) With OneChartSetup disabled: Run the EA on a M15 chart for each of the 3 pairs.

RISK:

The risk is determined by 3 things:

- Your accountsize
- The chosen Lots setup for the grid
- The chosen LotsizeStep

To make things easy, I'm going to use a USD account to explain the different possible setups. In theory, there are unlimited number of setups you can do, but I will recommend some, for which set files will be available on the product page.

Your accountsize: Even with the lowest risk for grid and lowest lotsize, a grid system can have some equity drawdown. For this EA, I would not recommend a balance below 2000\$. The bigger your balance, the safer the EA will be and the more aggressive you'll be able to run. Ideally, your accountsize is 10K or bigger to be able to make the most use of the EA's strong growth capabilities. But even on a 2000\$, you can make very nice profits without risking to blow the account

The chosen Lots increments for the grid: you can fully individualize the way the grids are build in lotsize. For example, by default the "optimal grid" setup is used. That means that the lotsize for each new trade in the grid, will grow like this: 0.01lots/0.03lots/0.05lots/0.07lots/0.09lots and so on.

For "elevated grid", it will be like this: 0.01lots/0.02lots/0.02lots/0.02lots/0.03lots/0.03lots/0.03lots/0.04lots/0.04lots/0.04lots and so on. (You can fully adjust this yourself also in the parameters)

So the higher risk grid setups will more quickly increase the lotsize, while the "conservative grid", will barely increase the lotsize. Overall, the "optimal grid" has the best recovery and will grow the fastest. So if you have a big account, best to use that one. And then choose the lotsizeStep to determine the actual risk.

The 3 different grid setups are available in set file from the product page.

The chosen LotsizeStep: The lotsizeStep will determine the actual lotsize, based on your accountbalance. So LotsizeStep=10000 means that the EA will use 0.01lots (for the first trade of the grid) for every 10000\$ in the account. If your account balance is 50000\$, the lotsize will thus be 0.05lots (for the first trade of the grid).

So it will be the “the grid setup”, in combination with the LotsizeStep, that will determine the actual risk (drawdowns) and profits.

My recommendations are as follows:

- For an account of 2000\$-5000\$ -> use “conservative” grid setting, with a LotsizeStep of 2000 or bigger
- For an account of 5000\$-10000\$ -> use “elevated” grid setting, with a LotsizeStep of 3000 or bigger
- For an account of 10000\$-infinity -> use “optimal” grid setting, with a LotsizeStep of 10000 or bigger

Also important is the “maximum drawdown” parameters. By default they are disabled, but I highly recommend using them. According to my backtests, the system won’t blow the account with any of my recommended settings, but we must be prepared for events that didn’t happen in the past. That is why I recommend exiting grids when they become too big. You’ll have to trust that the EA will recover fast.

Here are some good values to use:

- For “conservative” grid setup: 700 (600 for EUR)
- For “elevated” grid setup: 1350 (1200 for EUR)
- For “optimal” grid setup: 5400 (5000 for EUR)

With these values, the EA might take a loss from time to time (though that didn’t happen in the last 4 years), but it will recover quickly. Better to survive a bad grid, than to destroy the whole account!

IMPORTANT: If your account is valuated in another currency (like JPY), you must convert these values first!! (using USDJPY quote of 130.00 for example, the values would be 91000 for low risk, 175500 for medium risk and 702000 for high risk)

For MT5: when you receive an error regarding the Bollinger Bands indicator: make sure you have all the pairs visible in the marketwatch window, and that they all have some historical data. Also make sure you are running on the correct symbols. Some broker use symbols with a suffix, like for example EURUSD.m. So you must run on a chart with that symbol/suffix.

Parameter list:

- **ShowInfoPanel:** enable the information panel on the chart
- **Adjustment for InfoPanel size:** for 4K screens, use value "2" to correctly display infopanel
- **Update infopanel during testing:** disabled will run backtests faster
- **comment:** comment of the trades
- **Magicnumber:** the magicnumber used by the EA. this can be the same for all pairs
- **OneChartSetup:** enable the OneChartSetup (run all optimized pairs from 1 single chart)
- **OneChartSetup_Pairs:** pairs to run (only optimized pairs can be used here). Currently, the EA runs best on these pairs on these pairs: AUDCAD;AUDNZD and NZDCAD

TRADE SETTINGS:

- **Max spread allowed before settings trade:** the maximum spread allowed before entering a trade
- **spread at which pending orders are deleted:** self explanatory
- **Use Virtual TP:** close trades with marketorder instead of hardTP
- **Grid Lotsize increments:** Determine how the grids are build. You can set each individual step size, compared to the first trade.
- **Use Pending Limit orders:** by default the EA will use "Limitorders", but some brokers don't like the multiple opening and modification of pending orders. You can use this option to disable limitorders, if your broker starts giving your warnings about that.

MAX DRAWDOWN SETTINGS:

- **killswitch based on max historical pips DD:** when this is enabled (recommended), the EA will close all trades from the pair, if the historical max DD in pips is exceeded for a grid. The max drawdown is based on the 2016-2023 period. I highly recommend to enable this option, as a grid that has no stoploss, can get out of hand completely and kill the entire account. While it is not expected to happen, it is better to take a loss at that point.
- **Max Allowed DD in currency (per 0.01lots):** you can set a value here, at which the EA will kill all trades (from all pairs) when this value is exceeded. The value entered must be based on 0.01lots, and the EA will automatically adjust this value to the actual lotsize use. For more information about these values, check the "Risk" paragraph high in the manual

- **Max Allowed DD in percentage:** This will close all trades, from all pairs, when the equity reaches a % of drawdown compared to the balance. It is hard to make recommendations about this value, as it will depend on how you run the EA (which grid setup, and which lotsize and which accountbalance). So I recommend doing backtests based on your setup, if you want to use this option.

LOTSIZE SETTINGS:

- **Autolotsmode:** here you can choose if you want to use a fixed lotsize (StartLots), or use the LotsizeStep
- **StartLots:** the lotsize used for fixed lotsize
- **LotsizeStep:** the EA will use X lots per Y balance. for example: LotsizeStep=100 means the EA will use 0.01lots per 100 of balance. so on 500 balance, it will be 0.05lots. Keep in mind that these values need to be adjusted to your base currency! So when running on JPY account, you can not use value 100, since that would be much too high in lotsize!
- **OnlyUp:** this will force the EA to only increase lotsize after profits, but not reduce lotsize after losses (for faster recovery). Example: if you use LotsizeStep=100, the EA will use 0.01lots per 100 of balance. so if you balance is 500, it will use 0.05 lots. If the balance grows to 1000, the lotsize is 0.1lots. If balance then declines back to 700, the lotsize will remain 0.1lots if OnlyUp is true
- **Balance selection for Autolotsize Calculations:** here you can choose if the EA should use Balance or Equity for automatic lotsize calculations

GMT SETTINGS:

- **AutoGMT:** this will make the EA automatically calculate your broker's GMT settings. (make sure to add the URL ""<https://www.worldtimeserver.com/>"" to the list of allowed URLs in your MT4/MT5)
- **GMT offset Winter:** when AutoGMT is disabled, set this value to the winter GMT offset of your broker
- **GMT offset Summer:** when AutoGMT is disabled, set this value to the summer GMT offset of your broker