Powerhouse EA

Contact
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Discord Channel (community help)
https://discord.com/invite/Ryx9sC8jYQe

Thank you for your purchase!

PLEASE watch this short V2.25 installation video to make sure everything is set up correctly!
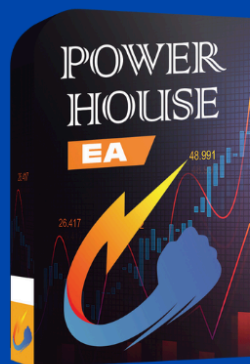
INSTALLATION

2. Open up your MT4/MT5 platform

3. Go to the Tools Menu -> Options -> Expert Advisors Tab. Check Allow Live trading and all the outer boxes. <u>You don't need to do anything else in this menu besides checking the correct boxes</u>.
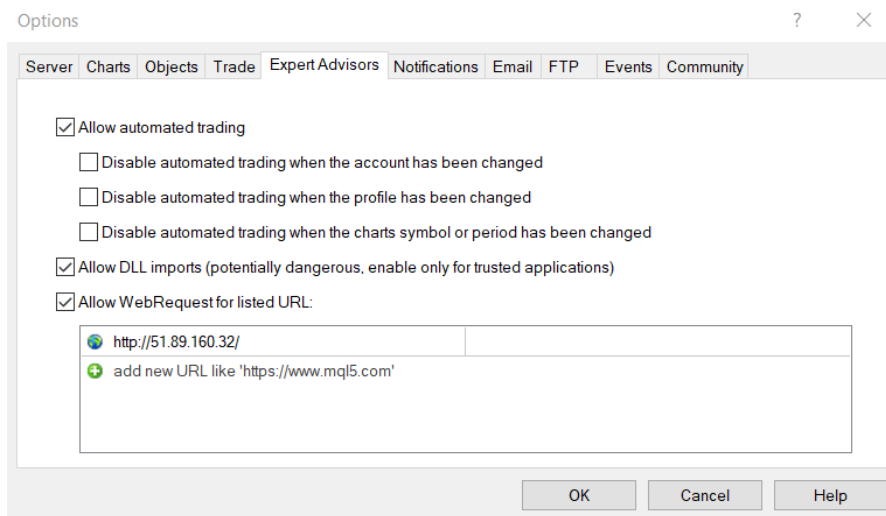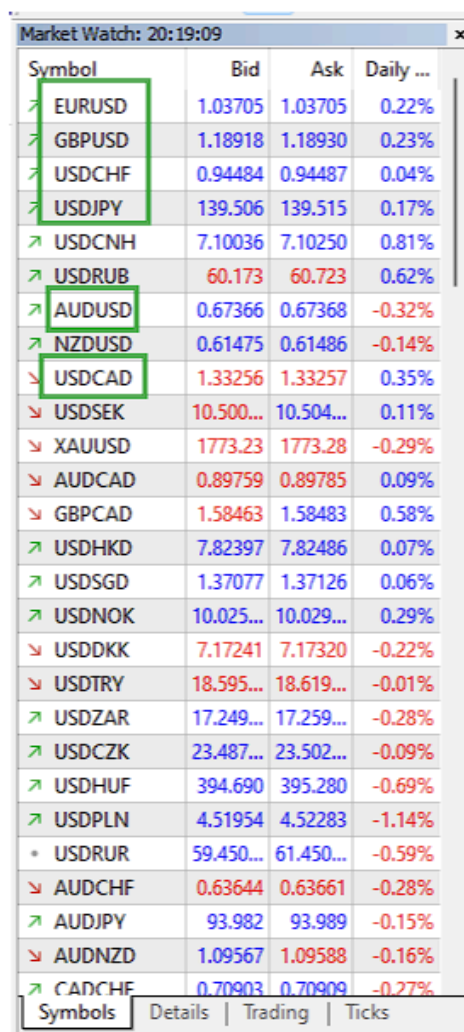
Now click on the toolbar to activate Autotrading/Algotrading.

In the Symbols input for the CBK V2 strategy, make sure and add your symbols exactly like they're shown in your brokers's market watch window. Sometimes, a pair can have a suffix or prefix label. For example, sometimes, a broker can show the "EURUSD" pair as "EURUSD.r" or something similar. Make sure and add a comma "," (no space) after adding a pair.

Input your used pairs in the "symbols" input (after loading your CBK V2 setfile).

Powerhouse_EA_v1_19 1.19	— □ ×

Common | **Inputs**

Variable	Value
==========> LICENSING	■
ab License key	
==========> GLOBAL	
01 Magic number	1
☰ Strategy	CBK v2
ab Symbols (, separator EMPTY=current)	EURUSD,GBPUSD,USDCHF,USDJPY,USDCAD,AUDUSD
01 Max retries	5
01 Max slippage (points)	10
01 Max trades for direction on symbol	100
01 Max trades global	100
ab Max trades global magics to consider (, as separator)	1,2,3,4,5,6
01 Max trades global symbol	0
ab Max trades global symbol magics to consider (, as separator)	6
01 Max symbols global	3
ab Max symbols global magics to consider (, as separator)	1,2,3,4,5,6
⤳ Use Time filter	true
ab Start trading time	01:00
ab End trading time	23:00
⤳ Trade on monday	true
⤳ Trade on tuesday	true
⤳ Trade on wednesday	true
⤳ Trade on thursday	true
⤳ Trade on friday	true
01 Max spread (0=no limit)	0
==========> TRADES	
½ Lot (0=dynamic)	0.0
½ Risk factor (1 = start 0.1 with 10'000)	1.5
½ Commission/Lot (0=auto)	0.0
⤳ Hidden TP	true

Load | Save

OK | Cancel | Reset

Powerhouse EA Usage

**Recommended minimum starting balance/capital $3000 with 200:1 leverage to run ALL 6 strategies at the same time.
Note!
It's recommended to use at least a $5k balance for Vigorous.**

*NOTE!
Your Powerhouse EA will adjust its lot/risk size accordingly based on the currency used. The currencies supported for this function need to be in your broker's market watch.*

The recommended starting balance for the Powerhouse is $5k. If you're using the Japanese YEN as your account balance at your broker for example, you will need (at the time of writing this) 663,205.00 YEN to accommodate the equivalent $5k recommended USD balance.

Recommended trading pairs for The Powerhouse EA

CBK V2
EURUSD, GBPUSD, USDCAD, USDCHF, AUDUSD
$3000 balance minimum to run the CBK V2 strategy (solo)
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Ranger
AUDCAD, GBPCAD
$2000 balance minimum to run Ranger strategy (solo)
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Sharpshooter
EURUSD

$3000 balance minimum to run Sharpshooter strategy (solo)

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Slugger
USDCAD *(XAUUSD optional)*

$3000 balance minimum to run Slugger strategy (solo)

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Crackerjack
EURUSD & GBPUSD

$3000 balance minimum to run the Crackerjack strategy solo

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Vigorous
EURUSD

$5000 balance minimum to run Vigorous strategy (solo)

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CBK (optional)
XAUUSD

$3000 balance minimum to run CBK strategy (solo)

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US TRADERS PLEASE READ

Please use the "MT4 FIFO rule setfiles" you received in your EA zipfile. This will allow the EA's to trade according to the FIFO rule.

<u>Please load the FIFO rule setfiles you received with your EA! US based brokers still don't allow "hedge" MT5 accounts (as far as I'm aware). This is why when trading at a US regulated broker, you will need to use MT4.</u>

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It's recommended to use the MT5 Powerhouse version. All backtests were done in MT5. The MT4 version (in our opinion) should only be used if MT5 is unavailable in your country.

Preset Files

We include 3 "setfiles" to accommodate your risk appetite.

"Powerhouse $3k setfile (high risk)"
$3k, 200:1 leverage is the minimum recommended starting account size for the (high risk) preset.
Please watch the "Installation Video" for information on how to install this preset file. The preset gives an estimated 6-10% monthly profit and a maximum -30% total account drawdown/loss when used on a $3k or more account.

"Powerhouse $6k setfile (med risk)"
$6k,100:1 leverage is the minimum recommended starting account size for the (med risk) preset.
Please watch the "Installation Video" for information on how to install this preset file. The preset gives an estimated 3-5% monthly profit and a maximum -15% total account drawdown/loss when used on a $6k or more account.

"Powerhouse $12k setfile (low risk)"
$12k, 50:1 is the minimum recommended starting account size for the (low risk) preset.
Please watch the "Installation Video" for information on how to install this preset file. The preset gives an estimated 1.5-2.5% monthly profit and a maximum -7.5% total account drawdown/loss when used on a $12k or more account.

Powerhouse EA Settings

Don't understand points?

10 pips = 100 points!

Please watch this video to better understand each
EA setting/input!

https://youtu.be/WvcnTGBsagk

LICENSING

"License key"
This is where you place your 16 digit license key you received when you purchased your Powerhouse EA.

Global

"Magic Number"
This can be any unique number. It's recommended you don't change this number after installing the "setfiles"**.**

"Strategy"
This is the strategy selector. Here you can select the strategy you would like to use on your trading account. Keep in mind, some of the strategies have multiple trading pair "sets".

"Symbols"
Here, you can have your chosen strategy trade multiple pairs from 1 chart. For example, if you want your strategy to trade the EU and GU from one chart, you would need to type, (without the quotations) "EURUSD,GBPUSD" The *CBK V2* and *Slugger* strategy trade multiple pairs from one chart. Use these strategies as an example on how to use this input properly.

"Max retries"
This input is in regards to your broker/EA execution. The EA will try this many times to place the trade if it fails to execute.

"Max slippage (points)"
This is how many points of slippage an order can have before the EA blocks it from being executed.

"Confirmation check"
Setting this to "true", will confirm your trade with a pop-up box every time you press the buy/sell buttons

"Max trades for direction on symbol"
This is how many orders are allowed to be open at the same time <u>on ONE pair</u>.

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"Max trades global"
This input limits the number of active trades by limiting the maximum number of concurrent trade sequences/baskets. For example, let's say you set this input to "10". If the Sharpshooter has 5 trades and the Ranger 5 trades, the Sharpshooter and Ranger trade sequences will need to finish before any other strategies are allowed to start taking trades.
Note, this input is used in tandem with the *"Max trades global magics to consider (, as separator)"* input

"Max trades global magics to consider (, as separator)"
This setting is used to place the *strategy* "magic numbers" for the *above "max trades global"* input.

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"Max trades global <u>currency</u> same direction"
"Max trades global <u>currency</u> same direction magics to consider"
These 2 inputs will block/limit the same pair and correlated pair trades in the same direction. For example, lets say the EA has placed a BUY trade on the EURUSD. The EA will now prevent other strategies from buying the EURO and selling the DOLLAR until the original EURUSD buy trade closes in profit or loss. If your strategy magic number is "1", you will place the number "1" in the "max trades global currency same direction magics to consider" input. If you don't want ANY same or correlated pairs trading at the same time, you will then place "0" in the "max trades global currency same direction" input.

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"Auto-start trading"
This will turn auto-trading on or off.
Note!
When the button in the trade panel reads "Auto start !", this means the EA is looking for new trades that meet the entry criteria.

"Use Time filter"
Setting this to "true" will force the EA to trade only based on the time you select. Previous trade sequences (that started before your chosen trade times) will complete even during the news time. This is your broker time. You have a range of 0:00 to 23:59. This is great for using during high impact news or during your broker day turn-over time. Spreads increase during the day turn-over, so it may be a good idea to avoid trading during this time.

"Trading Day Filter"
Here you can choose the trading day you want the strategy to trade. Keep in mind, previous trade sequences (that started before your chosen day) will complete even during the new trading day. No new trade sequence will start during your chosen trading days.

"Max spread (0=no limit)"
This filter will block trades from entering the market based on your specified maximum spread. It's a good idea to block trades if the spread is over 40 points on the GBPCAD and AUDCAD pairs.

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TRADES

"Lot (0=dynamic)"
This setting is a manual override of the "risk factor" auto-risk. Whatever lot size you use in this field, will be the starting lot size the EA uses in its progression. The input is best used when you want more control over the starting Powerhouse EA lot size.

"Risk factor"
This is the auto risk calculation for the Powerhouse EA. The "risk factor" is different for each "strategy". Please refer to the three included "setfiles" for the best risk factor settings for each EA.

"Commission/lot (0=auto)"
This input is for manually calculating your brokers' taken commission. Every broker calculates their commission in different ways. Sometimes it's done when the trade is entered, other times it's after. The Powerhouse EA isn't able to calculate your broker's commission if it's taken when trades close.

My broker's EU commission is $4 per standard lot and is taken after the trade closes. You should ask your broker how and when they take their commission on trades.

So if I wanted the PH to manually calculate my broker's commission, I would need to input "4" in this setting. Note, the calculations will work correctly even if you're trading using 0.01 lots.

"Hidden TP"
Setting this to "false" will allow the EA to place a hard TP and will be seen by your broker. When the TP is "hidden", The PH shows an estimated (green) TP line on your chart (that only you can see) and will close out trades when price hits that green TP line.

"Randomize entry price"
This input was created to help randomize orders slightly for prop firms. You will need to set your minimum and maximum points you would like your random entry for trades to be.

"Randomize min. Points deviation"
This is the "minimum" points for random entry. My suggestion is to keep this within 5-40 points to insure the strategy's methodology isn't being modified too much by this setting.

"Randomize max. Points deviation"
This is the "maximum" points for random entry. My suggestion is to keep this within 5-40 points to insure the strategy's methodology isn't being modified too much by this setting.

"Grid according to filters"
Setting this to "false" disables ALL trend filters. This is needed if you are using the built-in "manual trade panel buttons" (against) the trend. If you're trading against the trend, the EA/strategy won't enter more auto-grid trades to get your trade sequence out in profit.

"Close FIFO compliant"
Fifo is used for US based brokers. Trades will close in a specific order when using FIFO. This should be set to "true" if you are using a US based broker

"Stop after close (minutes)"
This is an (optional) input used to pause the strategy from starting a (new) trade basket/sequence just after it finished closing a (previous) basket/sequence of trades.

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SYMBOL CLOSE

"Close at end of day (22:00)"
This input will close all open trades at 22:00 broker time. This can help give the Crackerjack a natural SL since most trades are closed within a few hours. This input is set to "false" by default.

"Close after X minutes from first trade"
This input will close all open trades after a specific amount of time/minutes have passed from the 1st trade entry. This can help give the Crackerjack a natural SL since most trades are closed within a few hours. This input is set to "false" by default.

"Close by Aroon (signal) opposite" & "Close by Aroon min. trades"
This will close all open trades based on the Aroon indicator changing directions.You are able to select the minimum trade count before the Aroon closes all open trades on chart. For example, if you set this to "5", the "Aroon Close" will wait for you to have at least "5" open trades before it can trigger a closure of these +5 open trades.

"Min points profit"
Here, you can select your minimum points profit on the current symbol/pair.

"Min % profit"
Setting this input to a percent (%) amount, will close all open trades when a specific percentage (%) *PROFIT* amount is met on the current symbol/pair.

"Dynamic basket after x trades"
This will dynamically increase or decrease your sequence profit based on a specified trade count.

"Dynamic basket mode"
You can select the dynamic basket to "increase" or "decrease" here.

"Dynamic basket factor"
You can choose the "basket factor" here.
For a full explanation about the Dynamic Basket function, please view this portion of our settings explanation video.
https://youtu.be/RFnQM4v8GI8?t=691

NOTE,
Please refer to this formula for assistance on the dynamic basket factor!
🗴 Dynamic Basket calculations.xlsx

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MAGIC CLOSE

"Magic Close" is a "close order EA function" that will close all open trades (across all strategy pairs) using the (*currently displayed* "GLOBAL" section) EA "magic number"). *Please watch the EA settings and inputs video for more information about the MAGIC CLOSE section.*

"Min money profit"
Setting this input to a dollar ($) amount, will close all open trades when a specific dollar ($) *PROFIT* amount is met. This function also can be used for other currencies besides the US dollar.

"Min money loss"
Setting this input to a dollar ($) amount, will close all open trades when a specific dollar ($) *LOSS* amount is met. This function also can be used for other currencies besides the US dollar.

"Min % profit"
Setting this input to a percent (%) amount, will close all open trades when a specific percentage (%) *PROFIT* amount is met.

"Min % loss"
Setting this input to a percent (%) amount, will close all open trades when a specific percentage (%) *LOSS* amount is met.

"Big basket after X trades"
Note, we set this input to "1000" means it's not being used. Setting this input to "1000" is a better choice over setting it to "0" The EA has a lot of calculations and setting this to a high number allows the EA to function better.

This input allows us to have a bit more control on larger baskets of trades. For example, setting this input to "2" means the EA can take more or less profit based on what you select below.

- *Big basket min money profit (0=disabled)*
  Close trades at a minimum "money" profit target after X amount of "Big basket" trades.

- *Big basket min % profit (0=disabled)*
  Close trades at a minimum "percent" profit target after X amount of "Big basket" trades.

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GLOBAL CLOSE

"Global Close" is a "close order EA function" that will close all open trades (across all strategy pairs) using (specifically chosen EA magic numbers). This setting will allow you to pick which "EA strategies" you want the "global Close" functions to take part in. *Please watch the installation video at the top of this manual for more information about the GLOBAL CLOSE section.*

"Magics to consider (, as separator)"
This setting is used to place the *strategy* "magic numbers" for ALL of the <u>below</u> "*min money profit*", "*min money loss*", "*min % profit*" and "*min % loss*" inputs

"Min money profit"
Setting this input to a dollar ($) amount, will close all open trades (using specific magic numbers) when a specific dollar ($) *PROFIT* amount is met. This function also can be used for other currencies besides the US dollar.

"Min money loss"
Setting this input to a dollar ($) amount, will close all open trades (using specific magic numbers) when a specific dollar ($) *LOSS* amount is met. This function also can be used for other currencies besides the US dollar.

"Min % profit"
Setting this input to a percent (%) amount, will close all open trades (using specific magic numbers) when a specific percentage (%) *PROFIT* amount is met.

"Min % loss"
Setting this input to a percent (%) amount, will close all open trades (using specific magic numbers) when a specific percentage (%) *LOSS* amount is met.

"Block new sequences if DD% higher than (0=disabled)"
This input will block new trade sequences when drawdown reaches a chosen percentage.
Note! You should have the same chosen DD % setting on each PH chart.
For example, set this input to "5.0" if you would like the PH to block all new trade sequences from that specific chart when DD reaches -5%.

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News Filter

The news filter can help the Powerhouse EA avoid trading during more volatile *scheduled* **news releases posted from forexfactory and Investing.com.**

For a detailed explanation of the news section, please refer to this portion of our "settings" video
https://youtu.be/RFnQM4v8GI8?t=1011
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This is the link the investing.com scheduled news is pulled from,
https://ec.forexprostools.com/?columns=exc_currency,exc_importance&importance=1,2,3&calType=week&timeZone=15&lang=1

This is a link the Forexfactor.com schedule news is pulled from,
https://www.forexfactory.com/

By default, the Powerhouse does not use the news filter. We think it's important for a strategy to trade through all news events. News is what drives the markets. Nonetheless, high impact news releases have the best chance at increasing market volatility. It can be a good idea to pause new trade sequences at least 30 minutes before and 30 minutes after high impact news.

NOTE, the news filter AUTOMATICALLY adjusts to your broker GMT to make sure it's filtering the news correctly. If it's not auto-detecting your news time correctly, you may need find out your brokers GMT offset and use the "time Zone, GMT (0=auto calculate)" setting.

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"Enable news filter"
You have 3 options here.
- <u>Disabled</u> (The EA will ignore all incoming *scheduled* news releases)
- <u>Block 1st trade</u> (NEW *1st trade sequences* will be put on pause)
- <u>Block ALL new trades</u> (ALL trades will be put on pause)

"Currency to be checked (empty=current Symbol"
Here, you can select which pairs you want the news filter to function on. For example, let's say you're using the CBK strategy on the EURUSD, USDJPY, GBPUSD, USDCAD, USDCHF AUDUSD and XAUUSD. You want the news filter to function on just the EURUSD and the XAUUSD pairs. In the input box, you would set a value of..

EURUSD,XAUUSD

The cmma (,) separates the two pairs and is needed.

"Time Zone, GMT (0=auto calculate)"
The Powerhouse attempts at detecting your broker GMT offset. In some cases, it may fail to do this correctly. It's best to check with your broker to find out what your GMT offset is so the scheduled news times are displayed correctly. Checking with my broker, My GMT offset is "2" which means "+2". Please ask your broker if you plan on using this newsfilter!

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GUI & ALERTS

"GUI Enabled"
This will turn off the Powerhouse EA's statistics/information panel. This is good for backtesting the auto-trade function to minimize PC resources. This can also be used to maximize speed and efficiency when using the EA on a VPS

GUI Trade panel"
This will turn off Powerhouse EA's "manual trade panel". The trade panel works in both MT4 and MT5. The included indicators panel is only usable in the MT5 version!.

"GUI X Start"
Allows you to adjust where the trade manager dashboard is located horizontally

"GUI Y Start"
Allows you to adjust where the trade manager dashboard is located Vertically

"GUI Background color"
Allows you to adjust the background color to your liking

"GUI Show closed profits"
This will show your P/L in the trade panel

"GUI show closed trades on chart"
This will show your *closed (individual) trades* dollar ($) amount on the chart. This input only shows trades that have closed for a *realized* P/L.

"GUI show closed baskets on chart"
This will show your *closed (group/basket) trades* dollar ($) amount on the chart. This input only shows trades that have closed for a *realized* P/L.

"Alerts enabled"
Pop-up alert and sound display when profit/loss is met

"Alerts on mobile"
You can set up mobile alerts when profit/loss is met

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Want to use your Powerhouse EA on a different broker account number?

Every Powerhouse EA license comes with 5 licenses you can use simultaneously.

Watch this video for guidance on changing your 5 used licenses!
https://youtu.be/pnAszef9tyI

License website!
https://responsibleforextrading.com/licensing/

Any further questions, let us know.
Responsibleforextrading@gmail.com

Using the trade panel buttons!

The "trade panel buttons" should be used at your own risk! Force starting trade sequences with any RFT strategy can be risky. This also includes using the "(Use at your own risk) Ryan Brown MT5 (manual entry) Sharpshooter Template". You are essentially forcing the EA to try its best at making your trade sequence a winner. When using the trade panel buttons, you should access the market to make sure your 1st trade entry is well throughout and researched for the most optimal results. Using the trade panel (can) result in a lot of extra profit but also holds great risk. Please be wise with how you use this powerful tool!

Extras Folder Explanation Video
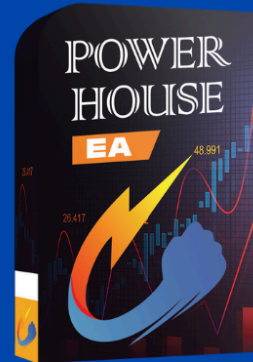https://youtu.be/kDzIKInQk-s

See how we use the new trade panel!
▶ My Profitable LIVE EURUSD Trade Scalping Strategy
▶ LIVE EURUSD Trading: 38 EUR USD Scalping Trades = 2.5% Profit …

Backtesting notes!

https://youtu.be/cpnmAa_u7y8

- You can download our backtest data for FREE here!
  MT4.MT5 data.zip

- Please watch this video if you want to learn how to backtest properly.
  Backtesting the way shown in this video, will give you the best
  representation of REAL live trading
  How to Backtest Like the Institutions - Forex Trade Backtesting
  Tutorial

- For fastest backtesting results, consider not running a visual backtest
  and changing the "GUI" to false. You may want to consider disabling
  the "GUI Show closed profits". This minimizes chart load to speed up
  backtesting.

- You can use the trade manager panel in the backtester when running in "visual mode. This way you can backtest any strategy you like using the trade manager buttons.

Is your trade panel not displaying the fonts correctly?

If you are on Windows, have you tried adjusting the "high DPI settings" for the MT4 executable?

1. Right click "terminal.exe" and click "Properties"
2. Click "Compatibility"
3. Click "Change high DPI settings"
4. At the bottom find "High DPI scaling override" and check the box for "Override high DPI scaling behavior"
5. Choose "System" in the drop down menu below that checkbox.

Best of luck and stay safe!