

ForexGridMaster v3.01 Manual

MT4 Expert Advisor [User Input Settings](#) Guide

Programming - v2.4 to v3.01 by Gendec Design - v1 to v2.3 by FerruFx
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Introduction to ForexGridMaster

ForexGridMaster was created to enable traders to design and trade their own unlimited number of automatic trading system strategies as well as use strategies developed and shared by others. ForexGridMaster is also a very creative and versatile tool for precision manual trading for short, medium, and long term strategies. All of the ForexGridMaster robot inputs and what they do are very transparent to the trader and can be easily configured by the trader. ForexGridMaster is ideal for (but not limited to) developing mathematically based grid trading strategies that profit from price moving up or down or both ways simultaneously, including trend, counter-trend, range, scalping, news and breakout trading. Strategies and their preset ".set" files are posted on our [performance page](#) and [forum](#).

We think that MetaTrader 4 from [MetaQuotes](#) is a great user friendly forex trading platform and that we are very much on the leading edge here with ForexGridMaster coded by a master programmer to go beyond the normal limits of MT4. After trading with more than 20 brokers since 2002, I now trade at and am also an Introducing Broker to [GoMarkets](#) in Australia... Spreads from 0.5 pips, Leverage up to 500:1, No re quotes, No hedging restrictions, No dealing desk execution (MT4 connected direct to ECN). Very EA friendly with no limit on the number of trades open. I also trade from a VPS at [Crucial Paradigm](#) in Australia that is usually 10 to 30 ms away from the GoMarkets servers. Please ask and I will help you choose what you need.

Although ForexGridMaster is user friendly, it is still a very sophisticated software program that requires time and practice for the user to become familiar and comfortable with all its settings and possible combinations. As of Nov 26, 2010, we think that no other robot can compare, not even close, and that your efforts with FGM will be well rewarded.

ForexGridMaster Forum

An essential part of FGM is the Forum at forexgridmaster.com/forum. We use it for Distribution and Support, and for Community Discussion on various grid trading strategies. If you own either the trial or full version of FGM, then be sure to register as a Client and be able to access the dedicated sections of the Forum. The Forum is also a great place to let us know what a great job we've done (or otherwise) in creating FGM. We have our own list of enhancements to include in coming months, and we would also welcome your ideas.

If you encounter any curious situations related to FGM, check for explanations on the forum. To report a bug, communicate directly with us via personal messages on the forum, or add a new topic under BugReporting > FGM Bug-List. Please refer to the [Problem Solving](#) section further below in this manual before submitting a report.

ForexGridMaster.v3.01 Expert Advisor Input Settings

The input settings (default strategy) are listed below and linked directly to their descriptions further below. To return to the settings list, right click on the pdf and choose "Previous View" or click the back button in the toolbar above. The best way to learn these settings well and quickly is to play with them extensively on demo accounts.

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----- General Grid Settings

- 1. EANumber=31555
- 2a. Buy_1_Sell_2_BuySell_3=3
- 2b. BuySellOverLap=true
- 2c. BuySellOffsetPips=2
- 3. Trend_1_CounterTrend_2=1
- 4. FullGrid_1_HalfGrid_2=2
- 5. GridOrderSpacing=5
- 6. GridTriggerPips=0
- 7a. MovingCenter=true
- 7b. CenterPips=0
- 8. TotalPendingOrders=8
- 9a. TotalOpenBuyTrades=0
- 9b. TotalOpenSellTrades=0

----- Individual Order Settings

- 10a. LotSize=0.01
- 10b. LotSizePercent=0.0001
- 11. OrderTakeProfitPips=55
- 12. OrderStopLossPips=0
- 13a. ProfitPipsBeforeTrailStop=0
- 13b. TrailStopPips=0
- 14a. OpenTradeSlippage=0
- 14b. CloseTradeSlippage=0

----- Fixed Grid Settings

- 15a. FixedGrid=false
- 15b. GridOrderSpacingStep=0

- 15c. LotSizeIncreaseAmount=0.0

- 15d. LotSizeIncreasePercent=0.0

- 15e. LotSizeIncreaseFibo=false

----- Close Run Settings

- 16. CloseRunAutoRestart=true
- 17. CloseRunProfitPercent=0
- 18a. ProfitMoneyBeforeTrailStop=0
- 18b. TrailStopMoney=0
- 19a. CloseRunLossPercent=50
- 19b. CloseRunLossStop=true
- 20. PriceTrailStopPips=0.0
- 21a. CloseRunPriceMaximum=0.0
- 21b. CloseRunPriceMinimum=0.0

----- Time Settings

- 22a. GridStartTime=ignore
- 22b. GridStopTime=ignore
- 23. FridayCloseTime=ignore
- 24a.-24g. Trade__days=true
- 24a. TradeSundays=true
- 24b. CloseForSundayFridayTime=ignore
- 24c. TradeMondays=true
- 24d. TradeTuesdays=true
- 24e. TradeWednesdays=true
- 24f. TradeThursdays=true
- 24g. TradeFriday=true
- 24h. CloseDayLeadTime=0

----- Alerts and Log Settings

- 25a. AlertRunClosedSound=true
 - 25b. AlertRunClosedPopup=true
 - 25c. AlertRunClosedEmail=false
 - 26a. LogActivity=true
 - 26b. LogDebugInfo=false
- ### ----- Chart Comments Settings
- 27. ShowBuySellMarkers=true
 - 28. ChartBackgroundDark=true
 - 29a. FGMComment=true
 - 29b. TextSize=8
 - 29c. TextColor=Yellow
 - 30. SetFileName=eurusd_bso-t-5
lsp.0001-otp-55_crlp-50

----- Immediate Action Settings

- 31a. CloseBuyTrades=false
- 31b. CloseSellTrades=false
- 32a. DeletePendingBuyOrders=false
- 32b. DeletePendingSellOrders=false
- 33a. CloseProfitTrades=false
- 33b. GreaterProfitThan=0
- 34a. CloseLossTrades=false
- 34b. GreaterLossThan=0
- 35. CloseAllNow=false

Important Reminder - The default settings above are for demonstration purposes only and if traded on a real money account, then the responsibility is yours, NOT ours. See our comprehensive post on the [forum](#). There are many different combinations that can be configured using the various input settings. Be sure to understand fully what combinations of settings do what before trading real money. This point cannot be emphasized strongly enough.

Caution - Some of the above settings can be changed on-the-fly, meaning that the ForexGridMaster properties window can be opened while the robot is trading, and some settings changed without removing the EA first, and then click OK. Settings that can be changed on-the-fly are generally those settings that will not change the basic trading strategy. Be careful. Each input setting description below indicates whether it can be changed on-the-fly or not.

Caution - Several settings in v3.01 now work differently than they did in FGM versions previous to v3.00 and any previous preset ".set" files that you plan to use may not work or will have settings that will need to be adjusted.

EA Initiation - When the OK button on ForexGridMaster's Properties window is clicked to initiate your chosen strategy, the robot will start placing pending orders on the very next tick.

MT5 - We are presently testing MT5 and will create a ForexGridMaster version for MT5 when we are sure that it is a good choice to do so, maybe by the end of 2010. MT5 promises increased performance and speed of execution estimated at 4 to 20 times faster. We are also contemplating the addition of a JForex version.

Important ForexGridMaster User Guidelines

1. If you are new to MT4 EA (Expert Advisor) robot trading and need to learn how to download the MT4 trading platform and setup ForexGridMaster on a demo or real account, then please first read the MT4-FGM-SetupGuide.pdf. We very highly recommend MT4 to ECN brokers, [GoMarkets](#) in Australia being one of the best for trading FGM.

2. Build - ForexGridMaster is best traded on at least MT4 build 226 up to 229, the latest as of Nov 26, 2010.

3. Full license ForexGridMaster (not the Trial version) is licensed to your account name and can be traded on as many demo and real money accounts as you like as long as each of those accounts use the same name that you provided for licensing. There are 4 files that need to be placed in your MT4 trading platform directories in order for ForexGridMaster to work.

- The "ForexGridMaster.v3.01.ex4" file is installed in your (MT4 platform)\experts directory.
- The "FGM.dll" file is installed in your (MT4 platform)\experts\libraries directory.
- The "FGML.dll" licensing file is installed in your (MT4 platform)\experts\libraries directory.
- The "FGM_default.ini" is installed in your (MT4 platform)\experts\files directory.

Next, your MT4 platform needs to be closed and restarted for the robot to work. With ForexGridMaster.v3.01.ex4 and supporting files in your possession, you are totally independent from us. Of course we are here to help whenever you need it and we encourage you to participate in our [forum](#). Accounts or brokers can be changed whenever without anything from us, as long as the name on the different accounts remain the same as the name that you provided us for licensing. You are entitled at no cost to all bug fixes and upgrades within version 3.xx.

4. Trial license - ForexGridMaster TRIAL is exactly the same as the Full version except that it has an expiration date set to expire the license at least three months from the day we send you the robot. The Trial version is licensed to "ForexGridMaster.com" and also to your name (when provided) and can trade as many demo accounts as you like.

Warning - The Trial version of ForexGridMaster will not work on real money accounts, only on the full version.

5. Acct currency - FGM will work using any account based currency... USD, Euros, Pounds, Yen, CHF, AUD, etc.

6. Decimal places - ForexGridMaster automatically detects whether your broker uses 2, 3, 4 or 5 decimal places for price quotes. So in any case, as an example, OrderTakeProfit can be set to 17 pips and if FGM is trading the EURUSD, then it can be set to 17 regardless of whether the price quotes use 2, 3, 4 or 5 decimal places. In the case of the EURUSD as one example of 5th place decimal pricing, the 4th place decimal is the pip and the 5th a fraction of a pip. If the EURUSD moves from 1.37010 to 1.37020 then it has moved 1 pip. If it moves from 1.37010 to 1.37011, then it has moved 1/10th of a pip. For currencies with 3 decimal places, such as the USDJPY, if it moves from 95.700 to 95.710, then it has moved 1 pip, if from 95.700 to 95.701, then it has moved 1/10th of a pip.

7. ECN - ForexGridMaster will also work on ECN connected MT4 non-dealer broker platforms such as hosted by GoMarkets in Australia and Alpari in England. An ECN connection offers the best spreads and execution.

8. When opening ForexGridMaster properties for viewing without making changes, it is best to click "Cancel" to close it, not "Okay" or "Reset", so that the settings and the Current Run Stats on the chart are not interfered with.

9. FGM stopped - If ForexGridMaster is stopped by some malfunction, it may have to be removed and then re-attached to the chart to start ForexGridMaster trading again and if you are starting a new strategy or continuing with the same strategy, the EANumber must be changed, otherwise all objects and global variables must be deleted.

10. Setting changes - When you start a new strategy or make changes to an existing strategy (except settings that can be changed on-the-fly), it is best to first remove ForexGridMaster, and then after restarting it, change the EANumber so that the Current Run Stats on the chart start new again. In most cases when you remove ForexGridMaster you will want to close all open trades and delete pending orders, and all chart objects. In a few special circumstances, global variables will have to be cleared as well, which you can access via the top menu... Tools, then Global Variables. Any open trades or pending orders left on the chart, will no longer integrate with the new ForexGridMaster settings and they will have to be managed separately and manually, and or by using ForexTradeManager to close many orders quickly. The exception is for all settings that state at the end of their

descriptions... "This setting can be changed on-the-fly." In any case, please always test thoroughly on a demo account until you are confident that you know what does what.

11. Time-frames - It is best to always keep ForexGridMaster trading on the time-frame it was started on. To view another time-frame, open an extra chart of the same currency pair on the same account. The pending orders and open trades will also be displayed on the extra chart. Generally the time-frame can be changed on-the-fly on the same chart that ForexGridMaster trades, but there may be times, especially when price action is fast and volatile, when changing the time-frame on the chart with ForexGridMaster attached, may create delays and/or errors.

12. Closing orders - Whenever open and or pending orders are triggered to close at the same time, by any of the following settings... CloseAllNow, CloseRunProfitPercent, CloseRunLossPercent or ProfitMoneyBeforeTrailStop and TrailStopMoney, CloseRunPriceMaximum and CloseRunPriceMinimum, and also by ForexTradeManager, be aware that it takes time for the open trades and pending orders to close. Price is moving so results will not be perfectly accurate. The final results will be more or less than what the target was. In normal market conditions, the difference is relatively small.

13. Delete objects - We highly recommend that after shutting down ForexGridMaster that all objects be deleted, or any EA for that matter, to keep your charts clean. This can be done by right clicking on the chart, then choose "Objects List", and then select any line in that list and press "Ctrl-a" at the same time on your keyboard to select all the objects, and then choose delete on the window. I strip down my charts to nothing and create a template for that called Grid-basic. I use extra charts for monitoring the big picture with volume, moving averages, trend, Fibonacci, support and resistance lines, etc. As always, please demo test thoroughly and learn from direct experience what works best for you.

14. Many orders - The more open trades and pending orders that are on your charts, the more chances there are that problems may be encountered, either from your choices or how they are handled by the broker. The amount of technology involved... your broker and their server and their MT4 environment, the computer your ForexGridMaster trades from, the bank feeds to the broker, the Internet, etc. is mind boggling and also relatively in its infancy. MT4 executes only one line of code at a time per chart, so glitches can happen and in the beginning, it is important to keep a watchful eye on your MT4 platform as it trades your strategies, at least until you know that they will work reliably. We very strongly recommend that you trade your strategies and also strategies from others on a demo account first, for as long as it takes for you to become very familiar and confident with how all the ForexGridMaster input settings work. When you start trading real money please start small. MT4 brokers are not equal and different MT4 broker platforms may produce different results. ForexGridMaster programming is of the highest industrial strength quality and is capable of trading a working strategy very reliably for an indefinite period of time.

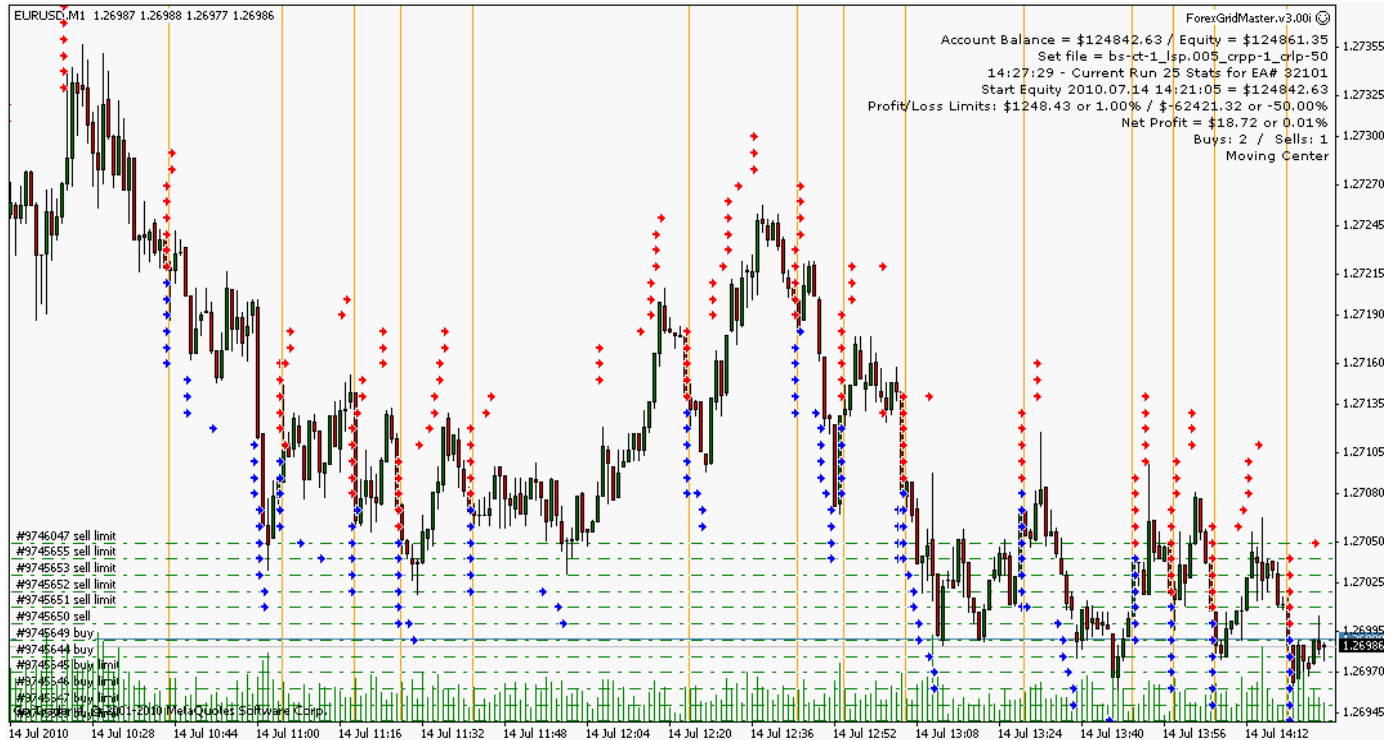
15. Robot smiley face - When clicking on the ForexGridMaster smiley face (positioned at the top right of the currency pair chart window), to open the ForexGridMaster EA properties window, requiring only one click, it will sometimes choose the info printed on the Chart just below instead by mistake, and not open ForexGridMaster to its properties window, especially if you have chosen a larger font size for the chart comments and stats print out. Sometimes just clicking one or more times in the same place will work. Otherwise, just right click in any clear area on the chart and choose "Expert Advisors..." and then "Properties..."

In an emergency situation when the Expert Advisor cannot be accessed to change its property settings or cannot be removed for whatever reason, use the "Expert Advisors" button on the tool bar above to disable it, or simply close the chart window to remove the ForexGridMaster EA robot. If necessary, any open trades and pending orders will need to be closed manually or by using ForexTradeManager. The smiley face turns red when the EA is active and the EA properties window is not accessible while it is red.

16. Preset ".set" strategy files - When creating strategies for ForexGridMaster using the input settings described below, they can be saved as preset files in your "(MT4 platform)\experts\preset" directory, so that whenever you wish to trade that strategy, you can open ForexGridMaster on a chart and then "Load" the preset file from the "Inputs" tab. We name preset files so that we can recognize what the strategy is by its name. For example, if named "b-t-fg_gos-3_lsp.0001_otp-21.set", it means it is a Buy Trend FullGrid strategy with pending orders set at a GridOrderSpacing of 3 pips and LotSizePercent set at 0.0001 and each trade has an OrderTakeProfit of 21 pips. All other settings are set at defaults. Another example would be "s-t-hg_ls-0.3_ppbts-27_tsp-7_crpp-3_crlp-15_clrs-t". This is a Sell Trend HalfGrid strategy with LotSize set to 0.3, ProfitPipsBeforeTrailStop set to 27 pips, TrailStopPips set to 7 pips,

CloseRunProfitPercent set to 3%, and CloseRunLossPercent set to 15%, so that ForexGridMaster shuts down completely when high water mark equity drops back by 15%.

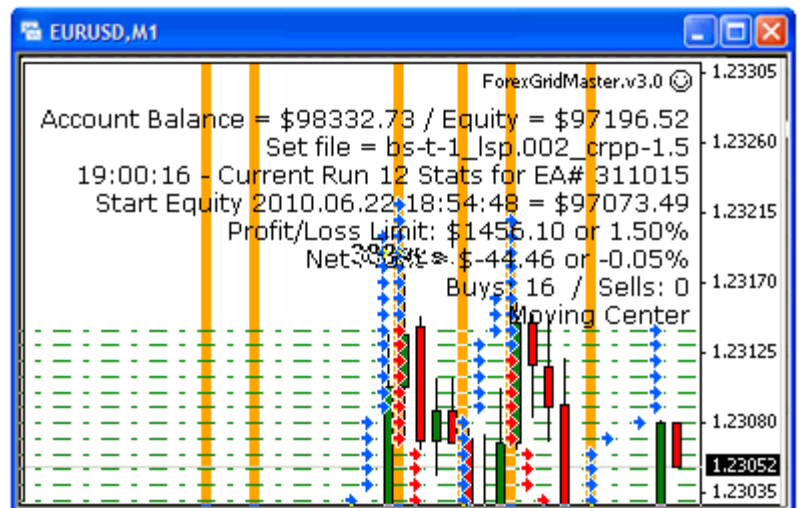
17. Sharing strategies - Preset “.set” files can be shared with others directly, or on our [forum](#). Our goal is to have many traders creating and optimizing reliable winning strategies for all. The EURUSD image below shows a counter-trend scalping strategy as an example, where 24 Runs were closed (gold vertical bars) at 1% profit each for a total gain of 24% within a 24 hour period. You can [download this preset](#) file strategy and place it in your (MT4 platform)\experts\presets directory and then “Load” it from your ForexGridMaster “Inputs” tab. This is a very aggressive strategy risking 50% of equity and is best used in a ranging market and on a secondary account funded



with about 10 or 20% of overall trading capital. Please visit and participate in our forum as together we have a much better chance at trading successfully against the banks that in our opinion really do control the market.

18. Another Sample Grid Trading Strategy

The EURUSD chart image on the right displays up close ForexGridMaster trading a trend breakout scalping strategy. It traded for about 24 hours totally hands off and closed 11 Runs (gold vertical bars) at 1.5% profit each and is now on Run 12. When each Run closes, all open trades are closed and all pending orders are deleted, thus a good step towards eliminating accumulation of negative open trades, the main concern of grid trading. This particular strategy may eventually end up with a lot of hedged buy and sell trades open that will need manual intervention and or there are several settings to choose from to control the situation... CloseRunLossPercent, CloseRunPriceMaximum, CloseRunPriceMinimum, TotalOpenBuyTrades and TotalOpenSellTrades, and OrderStopLossPips as a few examples. This is an experimental strategy only, but one that has potential and is worth checking out in our opinion. Strategies like this are posted and discussed on the forum.



ForexGridMaster.v3.0 Expert Advisor Input Setting Descriptions

General Grid Settings

1. EANumber - default = 31555 - This input enables each ForexGridMaster EA (Expert Advisor) robot strategy to keep track of its own trades and calculations separate from other ForexGridMaster EA strategies, and also other EAs and trades placed manually, on the same currency pair or different currency pairs in the same trading account. Each EA must run by itself on its own chart and its EANumber must be uniquely different from each EANumber used on other charts. It doesn't matter what EANumber you choose except that the number is limited to 9 digits. When you stop trading your strategy, it is best to remove ForexGridMaster from the chart, and when you start again with a new strategy, be sure to change the EANumber so that the Current Run Stats on the chart are reset properly for a new beginning, and also the robot will not be influenced by any historical trading activity that occurred previously. This setting cannot be changed on-the-fly.

2a. Buy_1_Sell_2_BuySell_3 - default = 3 - This input determines whether the pending orders placed by ForexGridMaster are either all pending buy orders (Buy_1), all pending sell orders (Sell_2), or both pending buy and pending sell orders (BuySell_3). As an example, if you choose the default BuySell_3, and you decide to trade a [Trend \(3.\)](#) grid of orders to capture profit in the direction of the price trend, then pending buy stop orders will be placed above grid center and pending sell stop orders below. If BuySell_3 is chosen and you want to trade a [CounterTrend \(3.\)](#) grid of orders, then pending buy limit orders will be placed below grid center and pending sell limit orders above. When trading a BuySell grid, [HalfGrid \(4.\)](#) must be chosen too because you are trading a half grid of buy orders with a half grid of sell orders. All grid orders are placed at currency pair bid prices rounded off to the nearest pip. This setting cannot be changed on-the-fly.

2b. BuySellOverLap - default = true - When set to the default of true then buy orders will overlap sell orders. When BuySellOverLap=false then all pending and or open buy orders will remain on one side separated from all pending and or open sell orders on the other side. See examples just below. This setting cannot be changed on-the-fly.

2c. BuySellOffsetPips - default = 2 - This input prevents buy and sell orders from occupying the same price location when you are trading a BuySell strategy using BuySellOverlap. This enables you to see where all the buy and sell orders are when looking at the chart. There may be other advantages too according to what strategy you are using. The number of pips that you set this to determines how many pips sell orders will be placed below buy orders within a BuySell grid where buys and sells are overlapping. This does not affect and is different from [GridOrderSpacing \(5.\)](#) and [CenterPips \(7b.\)](#). This setting cannot be changed on-the-fly.

Various samples using EURUSD bid prices...

BuySellOverlap=true
BuySellOffset=3
GridOrderSpacing=6
CenterPips=0

```
----- 1.37070
--- Buy --- 1.37060
----- 1.37050
----- 1.37040
--- Sell --- 1.37030
----- 1.37020
----- 1.37010
--- Buy --- 1.37000 - Center
----- 1.36990
----- 1.36980
--- Sell --- 1.36970
----- 1.36960
----- 1.36950
--- Buy --- 1.36940
----- 1.36930
----- 1.36920
```

BuySellOverlap=true
BuySellOffset=1
GridOrderSpacing=6
CenterPips=0

```
----- 1.37070
--- Buy --- 1.37060
--- Sell --- 1.37050
----- 1.37040
----- 1.37030
----- 1.37020
----- 1.37010
--- Buy --- 1.37000 - Center
--- Sell --- 1.36990
----- 1.36980
----- 1.36970
----- 1.36960
----- 1.36950
--- Buy --- 1.36940
--- Sell --- 1.36930
----- 1.36920
```

BuySellOverlap=false
BuySellOffset=0
GridOrderSpacing=3
CenterPips=0

```
----- 1.37070
--- Buy --- 1.37060
----- 1.37050
----- 1.37040
--- Buy --- 1.37030
----- 1.37020
----- 1.37010
--- Buy --- 1.37000 - Center
----- 1.36990
----- 1.36980
--- Sell --- 1.36970
----- 1.36960
----- 1.36950
--- Sell --- 1.36940
----- 1.36930
----- 1.36920
```

3. Trend_1_CounterTrend_2 - Default = 1 - This input determines whether the grid of pending orders will trade a Trend or a CounterTrend grid strategy. A Trend strategy places buy stops above grid center (Buy Trend), or sell stops below grid center (Sell Trend) or both (BuySell Trend). A CounterTrend strategy places buy limits below grid center (Buy CounterTrend), or sell limits above grid center (Sell CounterTrend) or both (BuySell CounterTrend). This setting cannot be changed on-the-fly.

4. FullGrid_1_HalfGrid_2 - default = 2 - This input determines whether pending orders will be placed equally divided on both sides of grid center when set to FullGrid for Buy or Sell grids, or one side only when set to HalfGrid for Buy or Sell grids. BuySell grids must be set to HalfGrid because you are trading a half grid of buy orders with a half grid of sell orders. This setting cannot be changed on-the-fly. Here are some basic examples ...

1. You wish to trade a Buy Trend grid to profit on price that is trending upwards. You can choose FullGrid which will place pending buy stop orders above either a moving or fixed center price, and pending buy limit orders below, or you can choose HalfGrid which will place pending buy stop orders above a moving or fixed center price, but no buy limits below. Using HalfGrids when trend trading in one direction only will lessen the number of accumulating open negative trades due to long price runs or spikes in the opposite direction of the trend you are trading. Depending on your GridOrderSpacing and how strong the trending market is, you may experience 30% (or more) less losing trades being opened by retracements opening your buy stops that are following the price downwards from above.
2. You wish to trade a Buy CounterTrend Half grid when you expect price to drop and turn back up. This will place a half grid of pending buy limit orders below either a moving or fixed center, but no buy stops above.
3. You wish to trade a BuySell CounterTrend grid on price that is ranging. When you trade a BuySell strategy you must choose HalfGrid which will place pending sell limit orders above either a moving or fixed center price, and pending buy limit orders below either a moving or fixed center price.
4. Half grids can also be used to setup up for breakout trades. You can setup a Trend breakout straddle by using one EA on one chart, a HalfGrid of pending buy stops that are set maybe 7 or more pips above current market price with a fixed center price set by (7a.) [MovingCenter=false](#) and (6.) [GridTriggerPips=7](#) (or more), and a second EA on a second chart of the same currency pair, a HalfGrid of pending sell stops set maybe 7 or more pips below current market price with a fixed center price set by [MovingCenter=false](#) and [GridTriggerPips=7](#) (or more). A similar breakout strategy can be created using only one EA set to a BuySell Trend strategy using [BuySellOverlap=false](#) and [CenterPips=10](#) (or whatever).

Important Reminder - There are many different combinations that can be configured using the various input settings above and below. Be sure to experiment on a demo account and experience and understand fully what combinations of settings will do what before you trade a real money account. I cannot emphasize this point enough.

5. GridOrderSpacing - default = 5 - This input determines the distance in pips from each pending trade order to the next pending order of the same type (considering [BuySellOverlap=true](#)) in your trading grid. This setting can be changed on-the-fly and will affect new but not existing pending orders.

6. GridTriggerPips - default = 0 - When set to the default of 0 then this input is ignored. If you do set a pips number value here, then when the currency pair bid price moves that number of pips, up if positive (ie: 25) or down if negative (ie: -25), the robot will place its grid of pending orders centered on either a moving or fixed center price. This setting can be changed on-the-fly.

7a. MovingCenter - default = true - When set to the default of true, and [GridTriggerPips=0](#), the initial grid center will be the current market bid price on the first tick that follows your click of the OK button, after you have configured your strategy and are ready to trade. When [MovingCenter=false](#), then your grid will have a FixedCenter that remains in place for the duration of the Run. Because brokers do not allow pending orders to be placed within 5 pips (more or less) of market price, the initial grid center slot will not be filled with a pending order until market price has moved away far enough, and then a pending buy order (or pending sell order if not a Buy or BuySell strategy) will be placed exactly at grid center. In the meantime, the rest of the grid slots are filled when and where possible according to the already established initial grid center and your other input setting choices. [MovingCenter](#) will change to always be the current moving market bid price when you trade either a Buy or a Sell grid, or a BuySell grid combined with [BuySellOverlap=true](#). However, if you trade a BuySell grid and [BuySellOverlap=false](#), then the [MovingCenter](#) will center itself and remain between the buy and sell orders and will move as needed to always be between the buy and sell orders. Buy and sell pending orders will be placed as close as possible to grid center according to your

GridOrderSpacing and or CenterPips (7b.) settings. See examples immediately below. This setting cannot be changed on-the-fly.

MovingCenter and FixedCenter scenarios

MovingCenter=true and GridTriggerPips=0.0 - With these settings, a MovingCenter grid strategy will start Run 1 at the immediate market bid price, which is the initial grid center that will then always be changing as market bid price changes for the duration of Run 1. For Run 2, the starting MovingCenter will again be the immediate market bid price after the close of Run 1. Follow-up Runs (16. CloseRunAutoRestart=true) will continue the same way.

MovingCenter=true and GridTriggerPips=30 - With these settings as an example, a MovingCenter grid strategy will start Run 1 in the future when the current market bid price goes up by 30 pips (or if set to -30, then down). For Run 2 the MovingCenter will be the immediate market bid price after the close of Run 1. Follow-up Runs will continue the same way. If GridTriggerPips=(any value more than 0), it will only apply to Run 1 and not follow-up Runs.

MovingCenter=false and GridTriggerPips=0.0 - When MovingCenter=false it means that the strategy will use a FixedCenter. With these settings, your FixedCenter grid strategy will start Run 1 at the immediate market bid price which then becomes the FixedCenter for your grid. This fixed center price will continue to be the FixedCenter until Run 1 is closed. Run 2 will be a FixedCenter grid as well but it will start at the immediate market bid price after the close of Run 1. Follow-up Runs will continue the same way.

MovingCenter=false and GridTriggerPips=7 - With these settings as an example, a FixedCenter grid strategy will start Run 1 in the future when the current market bid price goes up by 7 pips (or if set to -7, then down). Run 2 will start a second FixedCenter grid at wherever the market bid price is immediately after Run 1 has closed. If at first you set GridTriggerPips= -7 (minus 7) instead of 7 then a FixedCenter grid strategy will start Run 1 in the future when the current market bid price goes down by 7 pips. Run 2 will then start a second FixedCenter grid at wherever the market bid price is immediately after Run 1 has closed. Follow-up Runs will continue the same way.

7b. CenterPips - default = 0 - When set to the default of 0, this input is ignored. When set to an even number of pips value greater than 0, then a MovingCenter or FixedCenter CenterPips zone the pips depth of the value set, is created at and centered by grid center. This CenterPips zone separates the initial placement of buy and sell pending orders by the set value of pips. For example, if CenterPips=15 and GridOrderSpacing=3, then no pending grid orders can be placed inside of that 15 pip Center zone. If MovingCenter=true, then the CenterPips zone can move into an area already occupied by existing open trades or existing open pending orders, however, no pending orders can be placed within the CenterPips zone no matter where it is. The CenterPips zone will always move with the ever changing current market bid price when MovingCenter=true or it will remain fixed when MovingCenter=false, or if you trade a BuySell grid and BuySellOverlap=false, then the MovingCenter CenterPips zone will center itself and remain between the buy and sell orders and will move as needed to always be between the buy and sell orders.

8. TotalPendingOrders - default = 8 - This input determines both the number of pending orders that your strategy will place at grid start and the maximum number of pending orders permitted at any one time. When trading a FullGrid, this input must be set to an even number such as... 2, 28, 50, or 130 - not 1, 27, 49, or 129. If either or both TotalOpenBuyTrades and TotalOpenSellTrades settings below are set to a number other than the default of 0, then no matter what this TotalPendingOrders number is, the TotalOpenBuyTrades and TotalOpenSellTrades settings will be the limit of open trades allowed, and the number of pending orders will be controlled accordingly. If the number of open buy or sell trades reaches its limit, but then decreases (one or more open trades close), then ForexGridMaster will resume opening pending orders to match. ForexGridMaster also limits the total number of open pending orders to a maximum of 50. Some brokers limit the number of open trades and pending orders. GoMarkets in Australia has no limits to the number of open trades allowed on either their demo or real money accounts. Alpari UK limits demo accounts to a total of 120 positions (includes both open and pending orders) but have no limits on their real money Classic and MT4-Pro (ECN) accounts. Ask your broker. This setting can be changed on-the-fly.

9a. TotalOpenBuyTrades - default = 0 - When set to the default of 0, this input is ignored. When set to a number, this input limits the number of open buy trades to that number. The EANumber rule applies so manual trades or other EAs with a unique EANumber can be traded on the same currency pair and/or other pairs on other charts on the same account, without them being affected by this setting. GoMarkets in Australia has no limits to the number of open trades allowed on either their demo or real money accounts (both ECN connected). Alpari UK limits demo accounts to a total of 120 positions (includes both open and pending orders) but have no limits on their real money Classic and MT4-Pro (ECN) accounts. Ask your broker. This setting can be changed on-the-fly.

9b. TotalOpenSellTrades - default = 0 - When set to the default of 0, this input is ignored. When set to a number this input limits the number of open sell trades to that number. The EANumber rule applies so manual trades or other EAs with a unique EANumber can be traded on the same currency pair and/or other pairs on other charts on the same account, without them being affected by this setting. This setting can be changed on-the-fly.

Individual Order Settings

10a. LotSize - default = 0.01 - This input establishes the base value for lot-size. In practice, this is the minimum lot-size and can be increased by using any of the **15a. FixedGrid** lot-size options, or by setting LotSizePercent. By fixing a minimum lot-size, even when using LSP, FGM can detect a potential margin-call situation, and take the appropriate action. Please note that chosen value cannot be less than the minimum lot-size required by the broker. This setting can be changed on-the-fly, however it will affect new pending orders only, not pending orders already in place.

10b. LotSizePercent - default = 0.0001 - When a value is set here, then the lot size traded is determined by the account's free margin multiplied by the value set in this input divided by 100. The lot size traded will increase or decrease according to this calculation which is made when every new pending order is placed. However, it will not be applied if the calculated value is less than the LotSize set above. LotSizePercent can enable profits to compound when profits outweigh losses, and draw-down to lessen when losses outweigh profits. As an example, with LotSizePercent set at the default of 0.0001 on a standard account with a free margin value of \$100,000 (where 1 lot = \$100,000), then the lot size will be 0.1 which is $\$100,000 \times 0.0001 / 100 = \$10,000$, or if set to 0.00015, then \$15,000 per trade, or if set to 0.000152, then \$15,200 per trade. If the account has \$1,000,000 to start and you set LotSizePercent=0.0001, the lot size would then be 1 which is \$100,000 per trade, etc. If LotSize=0.5 in this example then that will be the minimum lot size regardless of the LotSizePercent setting if equity drops down. This setting can be changed on-the-fly, however it will affect new pending orders only, and not pending orders already in place.

Please note - some brokers allow fractional lot sizes and some do not, and some allow mini-lot size only (\$10,000) and some further down to micro-lot size (\$1,000). You may need to ask your broker directly about their lot sizing and in any case, be sure to experiment thoroughly to see what works.

11. OrderTakeProfitPips - default = 55 - This input determines how many pips profit each of the pending trade orders will target and capture. If for example, you are trading the EURUSD, and you have a pending buy order set to open at 1.3700 and it opens, and OrderTakeProfitPips is set to 35 ...then if price reaches 1.3735, the trade will close capturing 35 pips of profit. When set to 0, this input is ignored. This setting can be changed on-the-fly, however it will affect new pending orders only and not pending orders already in place.

12. OrderStopLossPips - default = 0 - This determines the stop-loss for each individual pending order. If set to 0 then there is no stop loss set and this input is ignored. If for example, you are trading the EURUSD, and you have a pending buy order set to open at 1.3700 and it opens, and OrderStopLossPips is set to 50 ...then if price drops to 1.3650, the trade will close at a loss of 50 pips. This setting can be changed on-the-fly, however it will affect new pending orders only, not pending orders already in place.

13a. ProfitPipsBeforeTrailStop - default = 0 - If set to the default of 0 pips, then this settings is ignored. If set to a value such as 36 as an example, each of the individual trade orders that are opened will need to move 36 pips into profit before the TrailStopPips input setting below is activated. If ProfitPipsBeforeTrailStop=0 then whatever you set TrailStopPips to will be the immediate starting trailing stop loss. It differs from OrderStopLossPips which fixes the StopLoss. This setting cannot be changed on-the-fly.

13b. TrailStopPips - default = 0 - This input determines how many pips the trail stop will be. As an example, if ProfitPipsBeforeTrailStop=0 and TrailStopPips=50, then a stop loss is immediately set at 50 pips away from where the pending order is opened. That stop loss will then trail pip by pip from there if price moves in a profitable direction. If price moves in a losing direction then the trailing stop loss will remain fixed where it. For another example... if ProfitPipsBeforeTrailStop is set to 36 and TrailStopPips is set to 9, then when each individual order is 36 pips into profit, the trail stop of 9 is triggered and 27 pips of profit will be locked in and if price keeps moving in a profitable direction, the trail stop will follow pip by pip. Let's say that an individual order moves 50 pips into profit and then retraces 9 pips. The trade will then close out with 41 pips of profit.

14a/b. Open/CloseTradeSlippage - default = 0 - How slippage is handled will vary from broker to broker. I recommend that you find out what your broker's slippage policy is and also experiment with this setting to confirm. This setting may influence your bottom line more than you think. Sometimes when price moves fast, for example during major economic news reports (schedule shown at www.forexfactory.com), setting slippage to 1, 2, 3 or more may help. We have generally found however, that the default of 0 works fine for most strategies most times with most brokers.

Fixed Grid Settings

15a. FixedGrid - default = false - When set to the default of false, this input and the next 4 settings (**15b to 15e**) are ignored. When FixedGrid=true, then the MovingCenter setting is ignored. When FixedGrid=true, then whatever grid of pending orders is initially placed, according to the next 4 settings below and other settings above and below, that grid will remain fixed for the duration of the Run and no other pending orders will be placed. When any of the fixed pending orders are triggered open and then eventually closed, manually or automatically, they will be replaced by pending orders that match exactly the parameters that were set originally for the closed orders being replaced (OrderTakeProfitPips, OrderStopLoss, etc.). This replacement of opened and closed FixedGrid pending orders will continue until the Run is closed, either manually by the trader or automatically by any of these settings... CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent. When a Run closes automatically and CloseRunAutoRestart=true, then a new FixedGrid Run will start up at the immediate current market bid price after the previous Run has closed. This setting cannot be changed on-the-fly.

15b. GridOrderSpacingStep - Default = 0 - When set to the default of 0, this input is ignored. When set to a number and FixedGrid=true, then the GridOrderSpacing is increased incrementally by that number. For example, if GridOrderSpacing=10 and GridOrderSpacingStep=2, then the distance from the FixedGrid center price to the first pending order set closest to that center price will be 10 pips. The next interval between the first and second pending orders will be 12 pips, the next 14 pips, and so on. Any pending orders that are triggered and closed during a Run are replaced at exactly where they were set the first time and with the same parameters. For FullGrids, the GridOrderSpacing increases in both directions, for pending orders above and below grid center. When a Run closes and a new Run begins automatically when CloseRunAutoRestart=true (**16.**), GridOrderSpacing starts again as was originally set and pending order intervals are then increased again as was also originally set by GridOrderSpacingStep. This setting cannot be changed on-the-fly.

15c. LotSizeIncreaseAmount - Default = 0 - When set to the default of 0, this input is ignored. When set to a number and FixedGrid=true, then the lot size (as determined by either the LotSize or LotSizePercent setting) is increased incrementally from one pending order to the next by that number. For example, if the starting lot size is 0.15 and LotSizeIncrease=0.01, then the lotsize for the next pending order placed will be 0.16, the next one 0.17, next 0.18, and so on. When a Run is closed (open trades closed and pending orders deleted) and a new Run begins automatically when CloseRunAutoRestart=true (**16.**), the FixedGrid and lot size starts again as was set originally (either by LotSize or LotSizePercent) and the lot size is increased again as was also originally set. This setting cannot be changed on-the-fly.

15d. LotSizeIncreasePercent - Default = 0 - When set to the default of 0, this input is ignored. When set to a percent and FixedGrid=true, then the lot size (as determined by either the LotSize or LotSizePercent setting) is increased incrementally from one pending order to the next by that percent. This setting may be useful for Martingale strategies made famous by professional gamblers. For example, if the starting pending order lot size is say 1.2 and LotSizeIncreasePercent=100, then the next pending order lot size would be increased by 100% to 2.4, the next one to 4.8, the next one to 9.6, the next one to 19.2, and so on. If you are starting with a lot size of 1.2 and LotSizeIncreasePercent=50, then the next pending order lot size would be increased by 50% to 1.8, the next one to 2.7, the next one to 4.05, the next one to 8.10 and so on. When a Run is closed (open trades closed and pending orders deleted) and a new Run begins automatically when CloseRunAutoRestart=true (**16.**), the FixedGrid and lot size starts again as was originally set (either by LotSize or LotSizePercent) and the lot size is increased again as was also originally set. This setting cannot be changed on-the-fly.

15e. LotSizeIncreaseFibo - Default = false - When set to the default of 0, this input is ignored. When set to a number and FixedGrid=true, then lot size (as determined by either LotSize or LotSizePercent) is increased incrementally from one pending order to the next in accordance with the Fibonacci sequence... 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, and so on. The sequence grows like this... next lot size = current lot size + previous lot size. For example, if the starting lot size is 1.2, then the next lot size will be 1.2 (1.2 + 0, the previous lot size), and the next lot size will be 2.4 (1.2 + 1.2), and the next lot size will be 3.6 (2.4 + 1.2), and the next lot size will be 6.0 (3.6 + 2.4), and the next lot size will be 9.6,

and so on. When a Run is closed (open trades closed and pending orders deleted) and a new Run begins automatically when CloseRunAutoRestart=true (16.), the FixedGrid and lot size starts again as was originally set (either by LotSize or LotSizePercent) and the lot size is increased again as was also originally set. This setting cannot be changed on-the-fly.

FixedGrid Scenarios

FixedGrid=true (15a.) and GridTriggerPips=0.0 (6.) and CloseRunAutoRestart=true (16.) - The initial FixedGrid center will be the current market bid price on the first tick that follows your click of the OK button, after you have configured your strategy to be ready for trade. Follow-up Runs will be centered by whatever the immediate market bid price is after the previous Run closes and the next Run starts.

FixedGrid=true and GridTriggerPips=0.0 and CloseRunAutoRestart=false - The initial FixedGrid center will be the current market bid price on the first tick that follows your click of the OK button, after you have configured your strategy to be ready for trade. There will be no follow-up Runs and the robot must be restarted again manually and the Run count will start at 1 again.

FixedGrid=true and GridTriggerPips=25 and CloseRunAutoRestart=true - The setting GridTriggerPips=25 will start Run 1 in the future when the current market bid price goes up 25 pips (or down if set to -25). Run 2 FixedGrid center will then be the immediate market bid price after Run 1 closes. Follow-up Runs will continue the same way.

Close Run Settings

Run - A grid Run starts when a grid of pending orders is placed on the broker's MT4 server according to your EA robot input settings. The CloseRun settings in this section all determine how and when the grid of orders is completely closed and whether the robot will automatically restart trading again with Run 2 and follow-up Runs or not. Partial Run closes are possible by using the input settings in the [Immediate Action Settings](#) section except CloseAllNow which does trigger a complete CloseRun. When either complete or partial CloseRuns occur a colored vertical bar will mark the place on the chart and its properties state the type of close and the equity at the time. Full closes will be numbered 1, 2, 3 etc. Partial closes add letters to the numbers... 1a, 1b, 1c, etc.

16. CloseRunAutoRestart - default = true - If set to the default of true, then ForexGridMaster will automatically restart a new grid Run immediately after the present grid Run is closed due to any of the following settings... CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and **or** CloseRunLossPercent that may be activated and triggered. If set to false, then no new Run will be started after a CloseRun is complete, and ForexGridMaster must be manually reset to start trading again and the Run count starts at 1 again. This setting can be changed on-the-fly.

17. CloseRunProfitPercent - Default = 0 - If set to the default of 0 then this input is ignored. When set to a number, this input determines what percentage of profit will close a Run (close all open trades and delete all pending orders). As an example, if trader sets CloseRunProfitPercent=3, this means that 3% of the Run start equity becomes the Run target. ForexGridMaster will then close the present Run when it reaches the 3% target and a new Run will start immediately (unless CloseRunAutoRestart=false). The 3% target is the Net Profit total of closed trades within that specific grid Run plus the net value of open trades. If FGMComment=true (28a.) then you can view the constantly updating Net Profit figure on the chart in the Current Stats area. This is calculated separate from other EA placed grids or manually placed trades running on the same currency pair or other currency pairs and therefore different unique EA numbers must be used if more than one EA is used on the same currency pair, or on other currency pairs in the same account. This setting can be changed on-the-fly.

18a. ProfitMoneyBeforeTrailStop - default = 0 - When the above CloseRunProfitPercent input is set to a percent amount, this input and the TrailStopMoney input below is ignored. If the above CloseRunProfitPercent input is set to its default of 0 then this setting will be enabled when set to a money amount or ignored if left at the default of 0. If for example ProfitMoneyBeforeTrailStop=3000, then equity must increase by \$3000 before the TrailStopMoney input below is enabled (or whatever base currency the account uses). The ProfitMoney target is the Net Profit total of closed trades within that specific grid Run plus the net value of open trades. This setting can be changed on-the-fly.

18b. TrailStopMoney - default = 0 - When the above ProfitMoneyBeforeTrailStop input is set to the default of 0, this input is ignored. When the above ProfitMoneyBeforeTrailStop input is set to a money number, such as 3000, then this input is enabled. If you set this input to say 500, then when profit reaches \$3000, the \$500 trail stop is activated and a

\$2500 profit is locked in. As profit increases, the trail stop will follow dollar by dollar (or whatever base currency the account uses) ... if to \$3001 then \$2501 profit is locked in ... if to \$3760 then \$3260 profit is locked in. The ProfitMoney target is the Net Profit total of closed trades within that specific grid Run plus the net value of open trades. This setting can be changed on-the-fly.

19a. CloseRunLossPercent - Default = 50 - If set to the default of 0 then this input is ignored. This input closes the Run when the net total of all open trades (closed trades do not apply) is negative by whatever percent of high water mark equity this input is set to (default=50%). That percent is based on the highest equity amount attained from the time ForexGridMaster opens its first trade for that Run. This is calculated separate from other grids or trades placed manually, running on the same currency pair. Different unique EA numbers must be used for more than one EA trading on the same currency pair or any other pairs in the same account. This setting can be changed on-the-fly.

19b. CloseRunLossStop - Default = true - For this setting to be activated, a value must be set for the setting just above. If set to the default of true then any further trading activity is prevented once the run is closed by CloseRunLossPercent above. This setting can be changed on-the-fly.

20. PriceTrailStopPips - Default = 0.0 - If set to the default of 0 pips, then this setting is ignored. If set to a value of 1 or greater then this setting applies to the current bid price at the time of its initiation. If as an example the current EURUSD price is 1.3095 and PriceTrailStopPips=20 (plus 20) then as price moves up, the stop-loss will trail by 20 pips from below price but will not retrace back down. Whenever price retraces back down by 20 pips then a CloseAllNow is triggered and the current grid Run will be stopped on the next tick and all orders controlled by that EA will close. Open trades are closed and pending orders deleted and ForexGridMaster is completely stopped. The EA must then be removed and restarted again manually. If the current EURUSD price is 1.3095 and PriceTrailStopPips=-20 (minus 20) then the same event will occur but in the opposite direction... the PriceTrailStopPips follows price down from above price. Say price goes down from 1.3095 to 1.3007 without retracing 20 pips along the way and then price retraces 20 pips back to 1.3027, then the CloseAllNow function is triggered. Please be careful when using PriceTrailStopPips and CloseRunAutoRestart. This setting can be changed on-the-fly.

21a. CloseRunPriceMaximum - Default = 0.0 - If set to the default of 0 then this input is ignored. If set to a bid price then when price rises to that set bid price, the EA strategy shuts down, closing all open trades and deleting all pending orders. and no new Run will be started, and ForexGridMaster must be manually reset to start trading again and the Run count starts at 1 again. This setting can be changed on-the-fly.

21b. CloseRunPriceMinimum - Default = 0.0 - If set to the default of 0 then this input is ignored. If set to a bid price then when price drops to that set bid price, the EA strategy shuts down, closing all open trades and deleting all pending orders. and no new Run will be started, and ForexGridMaster must be manually reset to start trading again and the Run count starts at 1 again. This setting can be changed on-the-fly.

Time Settings

22a. GridStartTime - Default = ignore - When set to the default of ignore, this setting is ignored. This input determines the time when this EA will open a grid of pending orders. It's based on the Market Watch time found on the title bar at the top of the Market Watch window of the MT4 platform that ForexGridMaster is trading on. If GridStartTime=00:00 as one example, then ForexGridMaster is activated at 00:00 (midnight) Market Watch time. If set to 08:30, then ForexGridMaster will start placing its orders automatically at 8:30 am. If set to 20:30, then ForexGridMaster will start at 8:30 pm. GridStartTime can work on its own independently, or in conjunction with GridStopTime, the next setting below. This setting can be changed on-the-fly anytime before it has been triggered.

22b. GridStopTime - Default = ignore - When set to the default of ignore, this setting is ignored. This input determines at what time ForexGridMaster will stop the present Run and close out all open trades and delete all pending orders. Same as the above GridStartTime, it is based on the Market Watch time. GridStopTime can work on its own independently, or in conjunction with GridStartTime, the setting above. For example, if GridStartTime is set to 23:00 and GridStopTime is set to 07:25 then ForexGridMaster will trade thru the night and shut down at 07:25 (7:25 am) in the morning and then start up again at 23:00 (11 pm) at night and then repeat that schedule daily for each of the days you have enabled trading to occur (all days are enabled by default). For another example, if the time period is set by GridStartTime and GridStopTime from 08:05 to 19:35, then ForexGridMaster will trade from 8:05 am thru the day until 7:35 pm at night and do the same on the following enabled trading days. This setting can be changed on-the-fly anytime before it has been triggered.

23. FridayCloseTime - Default = ignore - When set to the default of ignore, this setting will be ignored. This input sets a close time according to your MT4 Market Watch time... 08:25, 11:45, 16:45, as examples. This setting can be useful to avoid possible large unexpected market price gaps that can occur over the weekend. At the time you set for FridayCloseTime, the present Run will be closed by closing all open trades and deleting all pending orders. Even if CloseRunAutoRestart=true, it will be ignored and the EA must be manually restarted again. This setting can be changed on-the-fly anytime before its trigger time.

Trade(xxx)day (24a. to 24g.) - When one or more of the Trade__day input settings below are set to their default values of true, then trading is enabled for those particular days, week after week, continuously until set differently. These Trade__day settings are based on Market Watch time which is displayed on the title bar of the Market Watch window on your MT4 trading platform. The time period for each Trade__day starts at 00:00:00 Midnight and ends 24 hours later at 23:59:59. Whenever one or more of the Trade__day settings are set to false, then trading is disabled for that day, and a complete CloseRun is triggered at 00:00:00 of that day to close all open trades and delete all pending orders. If CloseRunAutoRestart=true, then a new Run will start up again automatically but not until the next enabled Trade__day arrives. If CloseRunAutoRestart=false then the EA must be manually restarted again. These Trade__day settings can be changed on-the-fly anytime before their trigger time.

24a. TradeSunday - Default = true - Please review the previous paragraph explanation for Trade__day above. Sundays are handled a bit differently from the other days because the market is closed previous to Sunday market opening time. So... if TradeSundays=false and TradeFridays=true, then the present Run actually needs the CloseRun function to be triggered at least 15 minutes before market closing time on Friday to make sure all open trades and pending orders are closed in time before Friday market close time. This setting can be changed on-the-fly anytime before its trigger time.

24b. CloseForSundayFridayTime - Default = ignore. This setting is activated when TradeSunday=false. Find out what Market Watch time your trading is closed on Fridays by your broker and set the time here to be at least 15 minutes before the Friday market closing time to make sure all trade orders have enough time to close. For example, my accounts at GoMarkets in Australia close on Friday afternoons at the Market Watch time of 22:59:59 so I would use this setting... CloseForSundayFridayTime=22:30. This setting can be changed on-the-fly anytime before its trigger time.

24c. TradeMonday - Default = true - When set to false, then trading will be disabled for Mondays from 00:00:00 to 23:59:59 Market Watch time. If a Run is open and trading on Sunday previous to TradeMonday=false, then that Run will close at 00:00:00 midnight Market Watch time between Sunday and Monday and a new Run will not start up automatically until the next enabled Trade__day. When CloseRun is triggered, all open trades and pending orders are closed. This setting can be changed on-the-fly anytime before its trigger time.

24d. TradeTuesday - Default = true - This setting operates the same as above.

24e. TradeWednesday - Default = true - This setting operates the same as above.

24f. TradeThursday - Default = true - This setting operates the same as above.

24g. TradeFriday - Default = true - This setting operates the same as above.

24h. CloseDayLeadTime - Default = 0 -

Alerts and Log Settings

25a. AlertRunClosedSound - default = true - When this input is set to true, it will cause a sound alert to signify that a Run has been closed. This setting can be changed on-the-fly.

25b. AlertRunClosedPopup - default = true - When this input is set to true, it will cause a popup window alert to signify that a Run has been closed. The popup message will contain information about why the Run was closed. This setting can be changed on-the-fly.

25c. AlertRunClosedEmail - default = false - When this input is set to true, it will cause an email message to be sent notifying the receiver that a Run has been closed. For this feature to work, the email parameters found via the "Email" tab in the MT4 trading platform Options window, must be correctly configured. Go to the main MT4 menu at the top, then Tools > Options > Email to configure the appropriate settings for email delivery. The email message will contain information about why the Run was closed. This setting can be changed on-the-fly.

26a. LogActivity - default = true - The default is set to true to enable a fuller more detailed log file to be saved to your (MT4 platform)\experts\logs directory that can help you if/when ForexGridMaster is not functioning properly. When there is a problem, you can view log file entries in the "Experts" tab at the bottom of your Terminal window which is at the bottom of your MT4 trading platform window by default. You can also right click on an entry and choose "Open" to view the whole log file for that day or any previous days. This setting can be changed on-the-fly.

26b. LogDebugInfo - default = false - Like the setting above, this input can be set to true to enable a fuller more detailed log file to be saved to your (MT4 platform)\experts\logs directory that can help you if when ForexGridMaster is not functioning properly. See [Problem Solving](#) below. This setting can be changed on-the-fly.

Chart Comments Settings

27. ShowBuySellMarkers - default = true - When set to the default of true, then whenever a buy or sell pending order is triggered open, then where that trade is opened will be marked by a small rectangular box. When set to the false, then this setting is ignored. This setting can be changed on-the-fly.

28. ChartBackgroundDark - default = true. If your chart background is white then you will want to change this setting to false so that the color scheme is changed to enable you to see the CloseBar that is placed on the chart when and where a CloseRun has been triggered. Hovering your cursor over the CloseBar will give you specific info about the trade order closes that have occurred.

29a. FGMComment - default = true - This enables the ForexGridMaster comments that are displayed on the chart in the top right corner, including the Current Run Stats and input SetFileName just below. When set to false, all comments are disabled and not displayed on the chart. This setting can be changed on-the-fly.

29b. TextSize - default = 8 - This input determines the text size that ForexGridMaster displays on the chart. You can change this value to make the text smaller or larger. This setting can be changed on-the-fly.

29c. TextColor - default = Yellow - This input determines the color of the text that ForexGridMaster displays on the chart. I highly recommend that you change the default black background of your MT4 platform charts to white and the TextColor to black as it has been scientifically proven and also very much my experience, that it is much healthier for your eyesight. You can change the MT4 default chart black background by right clicking on the chart, choosing "Properties..." at the bottom of the drop down menu, and then the "Colors" tab at the top, and then in the first field "Color scheme:" choose "Black on White". On the right I choose green for "Bull candle" and red for "Bear candle" but you can use whatever combinations you like. Or if you ask I can send you easy to install template files.

30. SetFileName - default = eu_bso-t-5_lsp.0002_otp-35_crlp-30 - What you type here will be displayed on the chart above Current Run Stats. You can type anything here, but what I find most useful is to use the exact name of the set file that ForexGridMaster is trading. I also recommend that you name your set files with names that describe the main settings used in your strategy. The ForexGridMaster default preset file "eu_bso-t-5_lsp.0002_otp-35_crlp-30" tells me when I see it, that it's meant to trade the EURUSD, a BuySell Trend HalfGrid strategy with BuySellOverlap=true, GridOrderSpacing=5 pips, LotSizePercent=.0002, OrderTakeProfitPips=35, and CloseRunLossPercent=30% and I don't mention other inputs because they are on their defaults. This setting can be changed on-the-fly.

FGM_default.ini - The Chart Comments default settings can also be edited to stay changed. This means that each time you start up FGM, the Chart Comments default settings will already be set the way you want them to be. Right click on the "FGM_default.ini" file in your (MT4 platform)\experts\files directory and choose "Open With..." using a text editor such as Notepad to edit and save your changes. I trade on charts with a white background and use...

```
AlertRunClosedSound = true;
AlertRunClosedPopup = true;
AlertRunClosedEmail = true;
LogActivity          = true;
LogDebugInfo         = false;
```

```
ShowBuySellMarkers  = false;
ChartBackgroundDark = false;
ShowComments        = true;
TextSize             = 9;
TextColor            = black;
```

```
SoundCloseRun = alert.wav;
SoundInputError = expert.wav;
```

Immediate Action Settings

Please note that settings 31a. to 35. below only affect the orders controlled by the EANumber of your strategy. You can use ForexTradeManager to close all orders of all EAs and any manually placed orders, either immediately or according to your choice of several settings.

31a. CloseBuyTrades - default = false - Set to true to close all open buy trades, or false to not close any.

31b. CloseSellTrades - default = false - Set to true to close all open sell trades, or false to not close any. Only CloseBuyTrades or CloseSellTrades (not both) can be set to true at one time, and no other settings from 31a. to 34. can be set to true at the same time either. These settings are meant to be changed on-the-fly.

32a. DeletePendingBuyOrders - default = false - When set to true, this setting will delete all pending buy orders.

32b. DeletePendingSellOrders - default = false - When set to true, this setting will delete all pending sell orders. Either of these settings or both at the same time can be set to true. They are meant to be changed on-the-fly.

33a. CloseProfitTrades - default = false - Set to true to close all open trades in profit, or false to not close any.

33b. GreaterProfitThan - default = false - This setting is only enabled when the above CloseProfitTrades=true. This setting limits closing profit trades to only those showing more profit than the value set.

34a. CloseLossTrades - default = false - Set to true to close all open trades in loss, or false to not close any.

34b. GreaterLossThan - default = false - This setting is only enabled when the above CloseLossTrades=true. This setting limits closing loss trades to only those showing more loss than the value set.

35. CloseAllNow - default = false - When set to the default of false, this input is ignored. To close all grid orders of the present EA that you are trading, open the EA properties window (without removing the EA beforehand) and change the input setting to "true" and the current grid Run will be stopped on the next tick and all orders controlled by that EA will close. Open trades are closed and pending orders deleted and ForexGridMaster is completely stopped. CloseAllNow must be reset to false for the EA to continue trading. This setting can be changed on-the-fly.

Immediate Action Settings Scenarios

1. Either of these 2 settings can be set to true, but NOT both at the same time ...

CloseBuyTrades=true

CloseSellTrades=false

or

CloseBuyTrades=false

CloseSellTrades=true

Whether CloseRunAutoRestart=true or false ... the same Run will continue, and the closed buy or sell trades are replaced with appropriate pending orders, and the CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent calculations continue to keep track of the net value total of all trades closed during the Run plus the net value total of all open trades, until the open and closed trades combined net value triggers a CloseRun.

Also, when any trades are closed by these settings automatically ... OrderTakeProfitPips and or OrderStopLossPips or ProfitPipsBeforeTrailStop and or TrailStopPips ... the same Run will continue, and the closed buy or sell trades are replaced with appropriate pending orders and the CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent calculations continue to keep track of the net value total of all trades closed plus the net value total of all open trades, during the Run, until the open and closed trades combined net value triggers a CloseRun.

When you set ResetProfit=true at the same time you set either CloseBuyTrades or CloseSellTrades to true (not both), then the same Run will continue but the total net value of the closed trades during the Run is taken out of the profit calculations that affect CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent. However, the net value of the open trades is NOT taken out of those profit calculations.

2. Either of these 2 settings or both at the same time can be set to true...

```
DeletePendingBuyOrders=true  
DeletePendingSellOrders=false  
or  
DeletePendingBuyOrders=false  
DeletePendingSellOrders=true  
or  
DeletePendingBuyOrders=true  
DeletePendingSellOrders=true
```

Whether CloseRunAutoRestart=true or false ... the same Run and calculations will continue as normal but no new pending orders of the type deleted (buy and or sell) are placed until after the Run is closed and a new Run starts, either automatically when CloseRunAutoRestart=true or manually.

Neither DeletePendingBuyOrders nor DeletePendingSellOrders can be set to true with the following settings below set to true at the same time ... CloseBuyTrades, CloseSellTrades, CloseProfitTrades, CloseLossTrades, and CloseAllNow. You can delete pending orders first and then later use the other settings.

3. Either of these 2 settings combinations can be set to true, but NOT both at the same time...

```
CloseProfitTrades=true  
GreaterProfitThan=0  
and  
CloseLossTrades=false  
GreaterLossThan=0  
or  
CloseProfitTrades=false  
GreaterProfitThan=0  
and  
CloseLossTrades=true  
GreaterLossThan=0
```

Whether CloseRunAutoRestart=true or false ... the same Run continues, and the closed profit or loss trades are replaced with appropriate pending orders and the CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent calculations continue to keep track of the net value total of all trades closed plus the net value total of all open trades during the Run, until the open and closed trades combined net value triggers a CloseRun.

Also, when any trades are closed by these settings automatically... OrderTakeProfitPips and or OrderStopLossPips or ProfitPipsBeforeTrailStop and or TrailStopPips ... the same Run continues, and the closed profit or loss trades are replaced with appropriate pending orders and the CloseRunProfitPercent or ProfitMoneyBeforeTrailStop with TrailStopMoney, and or CloseRunLossPercent calculations continue to keep track of the net value total of all trades closed plus the net value total of all open trades during the Run, until the open and closed trades combined net value triggers a CloseRun.

Problem Solving

If your ForexGridMaster is not doing what you want it to do, then it's time to put on your detective hat. If your strategy has already been initiated on the chart then open the EA's property window and check your input settings thoroughly to make sure they are properly configured. 9 out of 10 times you will most likely find your problem there. The more familiar you are with the manuals and all the workings of the ForexGridMaster input settings the better.

Always look for error messages mostly in the "Experts" tab and sometimes in the "Journal" tab, both of which can be accessed at the bottom of the Terminal window which by default is along the bottom of your MT4 platform window. A new log file is created each day. You can view, select and copy paste the most recent day entries direct from the tab entries list. To get to the whole log file for that particular day or for any other day, right click any line entry on the

"Experts" and "Journal" tab and then choose "Open" and the pop-up window will show you a list of log files. Open a log file and you will see all the entries for that day. You can select the appropriate entries from the log file as well (perhaps easiest) and copy paste them into an email to us or even save the log files somewhere else such as your desktop, and then attach them to an email to us as part of a problem report if you need our help.

Please provide some or all (if appropriate) of the following information when reporting a problem to us...

- Broker:
- Micro, Mini or Standard account:
- Account Leverage (100:1, 200:1, 500:1, etc.):
- Acct Balance, Equity and Margin level:
- MT4 Platform build from "Help" in the top menu and then "About..." on the left):
- When you load your EA does it show a smiley face:
- What time-frame is the EA trading:
- Are there other instances of the EA or other EAs trading on the same platform? If so explain.
- Attach the preset ".set" file/s which can be the most important as it enables us to precisely recreate the problem and work on it directly.
- Attach Experts and Journal log files or copy paste appropriate entries into email. It is best to set LogActivity=true and LogDebugInfo=true and send us those log files when the problem occurs. You go to the Experts and Journal tab at the bottom of the Terminal window and right click on an entry and choose "Open" to view the whole log file for that day or any previous days, and then you save that log file to your desktop or somewhere and then attach them to an email to us and we will figure it out.
- If you think it is appropriate, send a copy of the Account Statement accessed from the "History" tab at the bottom of the Terminal window. Right click in the History entries, choose period of report and then choose "Save as Detailed Report" and save to desktop or wherever you can find it.
- If appropriate, send the chart image using the EA. Go to the top menu... "File", then "Save As Picture..."
- Please take your time and be thorough and include whatever other information you think may be helpful.

Your ideas and strategy contributions are most welcome. If there are any new inputs that you think can make ForexGridMaster even better and we agree, then we will add that feature, or we can customize it for you alone. We will continue to fine tune ForexGridMaster and keep up with any newer builds of MT4 that come out, so that it will always be as stable and reliable as possible. You will immediately be informed and have access to any upgrades.

Questions, comments, and suggestions are welcome regarding this manual and ForexGridMaster trading in general. Please use the section of the forum dedicated to FGM to provide feedback and help us to improve this manual, our robots and our interaction with other traders. The latest edition of this manual will be available for download from the FGM forum, and our newsletter will advise of any significant changes in our EAs or the manuals associated with them. Please subscribe to the newsletter if you wish to be kept informed of updates and new releases.

Sincerely, on behalf of the FGM Team at <http://forexgridmaster.com>,
James King, ForexGridMaster and ForexTradeManager Developer.

"Risk comes from not knowing what you are doing" - Warren Buffet

ALL TRADING INVOLVES RISK OF LOSS - Trading in the Off Exchange Retail Foreign Currency Market (FOREX) can be one of the riskiest forms of investment available in the financial markets due to the ability to trade at high leverage (500 to 1 with some brokers) and therefore is suitable mostly for sophisticated individuals and institutions. The possibility exists that you could sustain a substantial or complete loss of funds and therefore you should not invest money that you cannot afford to lose. Nothing in this presentation is a recommendation to buy or sell currencies and James King or ForexGridMaster.com is not liable for any loss or damage, including without limitation, any loss of profit or funds invested, which may arise directly or indirectly from the use of James King's or ForexGridMaster.com's products such as, but not limited to... trading robots, tools, information, etc. or reliance on such information. Past performance does not guarantee future results and this refers also to all past performance demonstrated on ForexGridMaster.com. Every investor should consider all advice and all offerings of products and services on their own merits and for suitability to the investor's personal needs and circumstances.