

Storm Instructions

This file explains the settings and how they can be used or modified to control trades. Here is a picture of the settings window. Following are line by line instructions.

MagicNumber: The number you want the EA to assign to positions it opens and manages.

TRADING_Inputs: Below you will enter trading inputs

Lots: Enter the number of lots you want positions to be opened with.(remember to use good money management in your lot selection, never risk more than 2% of your account balance on a single trade if you want to be successful. If you have the EA opening multiple trades it needs to be much, much less than that.)

ProfitTarget: Enter the number of pips in profit you would like the EA to close trades.

Stoploss: Enter the number of pips in loss you would like the EA to close trades.

TrailingStart: Enter the number of pips in profit you would like to start a trailing stop.

TrailingStop: Enter the number of pips you want to trail profit by. (Please note the following example: If you

have the trailing start set to 25 and the trailing stop set to 50 the EA will start trailing your position by 50 pips when you are 25 pips in profit. This means if the market reverses before you are 50 pips in profit you could take a loss on the position. However if both are set to 50 than the EA will start trailing at 50 pips profit with a 50 pip trailing stop.)

MaxTrades: Since Storm can place multiple trades, enter the max amount of positions you would like to have open at once.

OnlyUpOrDown: Since Storm can add positions as it moves up and renew these positions when the market retraces this setting if set to true will only allow positions to be added as the market goes up for longs and only as it moves down for shorts. It will not renew positions when the market retraces.

Shift: The number of bars back the RSI value is taken from.

RSI_Inputs: Below you will enter the RSI settings that will control when to buy or sell. *(Please note that these RSI settings are additional conditions that must be met to open trades. If you want the logic in the EA to be run without consideration for the RSI values below than set the RSI Buy level to 0 and the RSI Sell Level to 100.)*

RSI_TimeFrame: Enter the timeframe you want to use for the RSI. Acceptable inputs are 1,5,15,30,60,240,440,10080,43200.

RSI_Periods: Enter the number of periods you want to use the average of.

RSI_Buy_Level: Enter the value (1 to 100) that you want the RSI value inputs in the previous steps for longs

to be ABOVE for the EA to open long positions. (ie: When the 240 timeframe 10 period RSI is above BuyLevel 50)
Please note that if you set this to 0 then the EA will buy whether the market is moving up or down and it will buy at intervals you enter in the **Threshold** setting. For example if the Threshold is 25 and the RSI_BuyLevel is 0 then the EA will buy every 25 pips the market moves up or down like a grid. If you change the RSI_BuyLevel to 50 than it will buy every 25 pips up or down as long as the RSI is above 50. It will open as many trades as you entered in the **MaxTrades** input above. The way it behaves can further be altered by the **RetraceFilter** input in the "filters" section below. More will be explained below when we get to that setting.

RSI_Sell_Level: Enter the value (1 to 100) that you want the RSI value inputs in the previous steps to be below for the EA to open short positions. (Works just the opposite as the RSI_Buy_Level above).

Threshold: Enter the number of pips you want between your orders. (for example if you enter 25 then the EA will open another position if the market has moved 25 pips from your last order. If there are not more positions open than your Maxtrades input.)

PSAR_Inputs: Below you will enter the inputs that control the dynamic trailing stop.

UsePSARTrailing: If set to true it activates a trailing stop for positions that uses the PSAR indicator with the settings you enter below, to trail positions. If you have multiple positions open it will set all the position's stop's to the PSAR value you input. This means when the market retraces and hits the PSAR trailing value all your positions

will be closed, regardless of profit or loss.

PSARTIMEFRAME: Enter the timeframe you want to use for the PSAR that will trail positions.(1,5,15,30,60,240,1440,10080,43200)

PSARStep: Enter the step value.

PSARMax: Enter the max value. _____

RetraceRSI_Inputs: These settings will control how the EA behaves when the market retraces. Normally if these settings are set to **false** (for illustration purposes we will refer to long positions, the opposite would be true for short positions) the EA will place additional orders as the market moves up, it will place new orders at the intervals that you choose in the threshold settings. For example: If you have the threshold set to 25 than every 25 pips the market moves up the EA will open a new trade. If the positions take profit and the market retraces the positions will be reentered when the threshold is hit again. The EA will continue to add longs every 25 pips as the market moves down until the RSI value falls below the RSI buy level that you set. If you want to trade a grid then that is exactly what you want to do, just set the RSIbuyLevel to 0 and the RSISellLevel to 100, and set these filters to false, also the higher you set the RSIbuylevel the sooner it will stop putting on buy orders as the market retraces.(for example we frequently use a 40 RSIbuyLevel when we do a carry trade strategy.)

But if you set these filters to **true**, you will then enter two RSI periods in the next settings, one will be a longer timeframe than the other. Then the EA will change how it

enters the trades as the market retraces. As the market retraces the EA will continue to reenter trades as the market moves down *but only if the shorter period RSI is greater than the longer period RSI. Once the shorter RSI falls below the longer one it will stop reentering trades. The opposite is true for short positions. This stops the reentry much sooner than if set to **false**.*

RetraceFilter: Set to true if you want to activate the retrace filter.

LongPeriods: Enter the longer period RSI Value to be used for filtering.

LongTimeFrame: Enter the time frame used for the longer period RSI above (1,5,15,30,60,240,10080,43200)

ShortPeriods: Enter the shorter period RSI Value to be used for filtering.

ShortTimeFrame: Enter the time frame used for the shorter period RSI above (1,5,15,30,60,240,10080,43200)

LevelFilter: If set to true this filter allows you to enter prices that you dont want the EA to place orders below or above. See below. This functions as a break out filter if you chose to use it.

UpperLevel: Enter the price that you want the market to be above before the EA starts opening positions.

LowerLevel: Enter the price that you want the market to be below before the EA starts opening positions.

EquityManagement: The settings in this section will allow you to control profit taking by the equity of your positions or account.

UseMagicNumber: If this is set to **true** the equity that is managed only includes trades with the magic number that is entered in the "MagicNumber" input.

If you set this to **false** then the EA will track equity for all trades in the account.

EquityProfitTarget: Enter the amount in dollars of

all positions being managed by this feature to be in profit for the EA to close all positions spelled out above.

EquityStopLoss: Enter the amount in dollars of all positions being managed by this feature to be in loss for the EA to close all positions spelled out above.

EquityTrailing: Enter the amount in percentage of profit that you want the EA to trail the profit of all considered positions by.

EquityTrailStart: Enter the amount in percentage of profit that you want to be in profit when the EA starts trailing by the amount in "**EquityTrailing**".(for example if you have a 10,000 dollar account and enter 5 here the EA will start trailing profit when you are up 500.00 dollars. Then it will continue to modify the stop by the percentage entered in "equity trailing above".

MoneyManagements: These settings allow the EA to chose your lot size for you based on your account equity or balance. This is the math it uses to chose lot size is as follows. (The smaller of your account balance or account equity multiplied by Risk then divide that by your account leverage and that will give you the lot size.)

MoneyManagement: If set to **true** the EA will automatically chose the lot size for you that it will open trades with based on the % of risk you chose below. (note as of 12/07 this feature choses lot size for both longs and shorts. If you want the longs to be a different lot size than the shorts than set this to false and chose lot sizes manually).

BrokerAllowsFractionalLots:If your broker allows fractional lots than set this to true otherwise set to false.

Risk: Enter the % of Account Balance you want to risk.

Martingale Hedge feature: The following inputs will control when hedge positions are entered and how they are

managed. Please note that if you want all positions the EA opens to be hedged, including the hedge positions, you will need to set all the magic numbers to the same number.

MgHedge: If set to true the EA will hedge positions. That is positions with the magic number entered in the "**MagicNumberToHedge**" setting below. If set to false the EA will not hedge positions.

UseStandardHedge: If set to **true** the EA will open a trade in the opposite direction then the one it is hedging. (if the original order was a long it will open a short or viceversa). If set to **false** the EA will open a trade in the same direction as the original trade. (longs for longs and shorts for shorts, used for averaging in to positions).

PipsDown: Enter the number of pips you want the positions opened to be down for the EA to open a hedge position on that one trade.

MagicNumberToHedge: Enter the same magic number you entered at the top in the MagicNumber setting.

MgStopLoss: Enter the stop loss in pips for hedge positions that are opened to hedge positions.

MgTakeProfit: Enter the take profit in pips for hedge positions that are opened to hedge positions.

MgLotsmultiplier: Enter the number that you want to multiply the lots in the position that is being hedged by, to open the hedge with. (for example if the original position was opened with 2 lots and you enter 2 here the EA will open the hedge position with 4 lots)

MgMaxTrades: Enter the max amount of hedge trades you want against the original position. (if you are running a full martingale this is the max amount of trades it will allow the EA to double up on.)

MgMagicNumber: Enter the number you want the EA to assign to hedge trades, if you want the hedge trades to be hedged enter the same number as in MagicNumber.

MgTrailingStart: Enter the number of pips you

want hedge trades to be in profit before the MgTrailingStop starts to trail the hedge trade.

MgTrailingStop: Enter the number of pips you want to trail hedge trades with.

Close All On Reversal: The following features are currently for your discretionary use. We are still currently testing to see if we can leave these settings run all the time. But you can use them to help you lock in profits. The way they work is this: They use a long period RSI and a short period RSI and when the short crosses below the long all long positions are closed, the opposite for short positions. A good time to implement this is if you have several trades that are in profit and price has hit resistance. If you turn this on then if the market retraces it will close all your positions for a net profit if you use a low timeframe in the timeframe settings, 15,30 or 60 . But if price moves through resistance then it will not close your positions and you can continue making more pips.

CloseAllOnReversal: If set to true it will activate the following settings.

caorLongPeriods: Enter the number of periods you want for the longer RSI.

caorLongTimeFrame: Enter the timeframe for the long period RSI.

caorShortPeriods: Enter the number of periods you want for the shorter RSI.

caorShortTimeFrame: Enter the timeframe for the short period RSI.

caorSignalReadPeriod: This setting tells the EA how often to check the above conditions. Enter it in minutes.

