

General comments on trading modes

Indicators

List of MA's

MA1

MA2

MA3

MA4

All entries are joined together by "AND" logic All Exits are joined by "OR" logic

All Entries and Exits have a toggle --- Use entry#/Exit# True/False

Specific operations – Entries

Entry 1 is the price movement (E1v) pips in any direction enters a trade in that direction.

Entry 2 - Space entry, to be used to make trades or to suspend possible trades when the MA's are too close together and the market is flat. The space will be variable(E4v) and will have two MA's selectable from a drop down boxes as the Fast and slow Mas

Entry 3 MA's Cross – will trade in the direction the faster MA crosses the slower MA by (E5v) pips. This entry also will have two MA's selectable from drop down boxes as the Fast and slow Mas There will be another variable to specify how many candles after the cross the signal is still valid. Unless a cross back happens

Exits

Exit 1 MA Space < E4v

Exit 2 is cross back of the two chosen MA's from the Entry5 by E5v

Exits will be joined using OR logic

| Item | Variable | Default value | Description | Order |
|------|---------------------|---------------|--|-------|
| 1 | Lot | 0.1 | Fixed Lot size if we don't want to use Money Management | |
| 2 | Max_trades | 1 | Maximum number of open trades on one chart at the same time. | |
| 3 | Max_Spread | 5 | Maximum Spread below which trades can be opened. If spread is above the number of Pips now new trades can open. | |
| 4 | | | Entries === all entries are logical AND joined | |
| 5 | Entry 1 Candle Pips | TRUE | Enter a trade after the price moves E1v Pips in the direction of the move. | |
| 6 | E1v | 5 | Pips value of candle entry | |
| 7 | Entry 2 MA's Space | FALSE | Toggle to enter when the space between the fast MA and the slow MA is more than E2v pips. Fast below slow is sell. Fast above slow is buy. | |
| 8 | E2v | 5 | Pips space | |
| 9 | E2 Fast MA1 | 5 | | |
| 10 | E2 Slow | 20 | | |

| | | | | |
|----|------------------------|-------|--|--|
| | MA2 | | | |
| 11 | Entry 3 MA cross entry | FALSE | Enters a trade in the direction indicated by The faster MA crossing the Slower MA. By E3v pips. | |
| 12 | E3v | 5 | Entry cross minimum pips | |
| 13 | E3GF | 10 | Entry 3 is good for E3GF candles - this means once the cross has happened the signal will be a trade signal for the amount of candles shown by this variable | |
| 14 | E3 Fast MA3 | 3 | | |
| 15 | E3 Slow MA4 | 50 | | |
| 16 | | | Exits === all Exits and logical OR joined | |
| 17 | Exit 1 | TRUE | Mas Space (Entry 2) Distance less than variable E2v | |
| 18 | Ex Space variable | Ex1v | Default value from E2v but can be manual input | |
| 19 | Exit 2 | TRUE | The Cross back of the two Chosen Ma's from Entry 3 by E3v | |
| 20 | SL Exit | 0 | Stop loss in Pips | |
| 21 | TP Exit | 0 | Take Profit in pips | |
| 22 | TS Exit | FALSE | Use TS | |
| 23 | TS_start | 20 | Start trailing at pips | |
| 24 | TS_step | 5 | Trail by updated every Step pips | |
| 25 | TS_trail_by | 10 | Trail behind by pips | |
| 26 | BE | TRUE | Use BE or not - BE exit is a SL exit since the function sets a SL | |
| 27 | BE Start | 5 | Start BE after some pips of equity for this trade. | |
| 28 | BE prof | 1 | Minimum pips to lock in at BE start | |
| 29 | TH | TRUE | Trading hours use or not | |
| 30 | | | Actions on Trading hours expired. | |
| 31 | Close_all | TRUE | Close all open trades at Stop hour and stop min true | |
| 32 | Close_prof | TRUE | Close all Profitable trades at Stop hour and stop min true | |
| 33 | Close_lose | TRUE | Close all Losing trades at Stop hour and stop min true | |
| 34 | | | Trading hours settings | |
| 35 | TH1Sh | 6 | Start hour | |
| 36 | TH1Sm | 30 | Start minute | |
| 37 | TH1Eh | 7 | Stop hour | |
| 38 | TH1Em | 30 | Stop minute | |
| 39 | UFC | False | Use Friday close | |
| 40 | FCh | 18 | Stop hour | |
| 41 | FCm | 0 | Stop minute | |

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|----|----------------------------------|---------------|--|--|
| 42 | | | Basket close functions | |
| 43 | Basket Suspend | TRUE | After any basket close condition has been met the "True" option will suspend trading till start of next trading times. (usually next day) | |
| 44 | Use Close by basket Profit | TRUE | Toggle True or False to use all trades basket close for Profit | |
| 45 | Basket Profit \$ | 20 | | |
| 46 | Use Close by basket Loss | TRUE | Toggle True or False to use all trades basket close for Loss | |
| 47 | Basket Loss \$ | 20 | | |
| 48 | Use close by Day Profit and Stop | TRUE | Toggle True or False to use Day Profit close | |
| 49 | Day Profit \$ | 20 | | |
| 50 | Use close by Day Loss and Stop | TRUE | Toggle True or False to use Day Loss close | |
| 51 | Day Loss \$ | 20 | | |
| 52 | | | Money Management functions | |
| 53 | Money Management | True False | Use money management or fixed lot size | |
| 54 | MMAF | 1000 | The Aggression Factor used to calculate the value per pip to set the lot size at. Equity first thing in the morning / Aggression factor = lot size \$value | |
| 55 | MMBF | 20 | The Basket Factor is the number of Lot values you want to set the basket close value at. This number is reflected in the Day basket as well as the All basket | |
| 56 | FQ | Drop Box | The Value of the lot size is to be recalculated by this setting in this FQ selectable Drop down. It can be (Daily, Weekly-Sun, \$1000, x2, Manual, Continuous) | |
| 57 | MaxL | 10 | The maximum allowed value of the money management function Lot size result. | |
| 58 | | | | |
| 59 | | | | |
| 60 | | | | |
| 61 | | | | |
| 62 | MA1 | | Period | |

| | | | | |
|----|-----|--|--------|--|
| 63 | MA1 | | Method | |
| 64 | MA1 | | Price | |
| 65 | MA1 | | Shift | |
| 66 | MA2 | | Period | |
| 67 | MA2 | | Method | |
| 68 | MA2 | | Price | |
| 69 | MA2 | | Shift | |
| 70 | MA3 | | Period | |
| 71 | MA3 | | Method | |
| 72 | MA3 | | Price | |
| 73 | MA3 | | Shift | |
| 74 | MA4 | | Period | |
| 75 | MA4 | | Method | |
| 76 | MA4 | | Price | |
| 77 | MA4 | | Shift | |

Algorithms

The lot size SL, TP, TS BE should be no problem

Trading hours

We have one sets of trading times – trading of the EA will start at Start time and end at end time. Times are specified in Hours and Minutes – Questions on trading hours, the user should program them. If the times are all set to 0 then the function does not run.

Lines 46 to 50 are to specify the action to be taken when trading time is ended.

No trades shall open outside of the trading times.

Basket Close

4 Basket closes are included

First two are a profit and a loss basket which closes only when the value has been reached – will remain open as long as that takes to happen. Once closed profit or loss will reopen when all Entries are again True.

Second two are Day profit and loss baskets. They will remain open till the target has been reached then stop trading till the next day.

A “close_all” function should be written to use with Basket close so the close all trades can be performed as quickly as possible when the basket target is triggered. This is to address the problem we observed where the EA opens more trades looking for a few dollars and gets into trouble doing this. The other addition we have requested is the option to suspend trading till next day once the basket close criteria has been reached.

Money management is to be linked to Basket close.

The algorithm should be calculated using a selectable frequency (FQ) anything from once per day to once every time the pot makes another pot value as follows:- pot available equity size / input variable “aggression factor”(AF) such that if the pot is 1000 and the AF is 1000 the lot size will be 0.1 making the \$/pip approximately \$1 per pip. The basket Factor (BF) will set the close value of the basket to be (BF) times the lot size.

FQ selectable Drop down can be (Daily, Weekly-Sun, \$1000, x2, Manual, continuous)

Friday Close and Trading hours

BE SL TP fixed lot size

In the event we run several copies of this ea is there a simple way to make them trade at different times – like 3:10 instead of 3:00 – if so can add the offset variable as an input.

Display modes on screen

Mode 1

Start of day Equity

Min and Max Equity for the day

Lot size & Value

Basket Target

Trading hours “from – to”

Mode 2

Debug settings

Show internal values of set variables and status of all entries and exits