

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	

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			Hedge Function	
59	Use Hedge	True/ False	Toggle to use or not - the hedge function. The hedge will be a single trade whose lot size is set to cover all open trades. And negate further losses.	
60	HV1	30%	The percentage of the start of days equity lost prior to setting the hedge cover trade	
61	HV2	20	The hedge trade, once set, has only one function, to protect the pot. To carry out this function it should be set with a SL so it will come out costing the use of the function by the value of the SL the purpose of the SL is to limit the entries and exits of the Hedge when the price hovers around the opening value of the hedge.	
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)

Hedge function

When the accumulated Equity is less than 30% (Hv1) from the days starting equity then a hedge trade will be placed to control the account equity. This trade will have a (HV2) Stop loss (20) and if closed by the SL it will be able to be reopened more than once if the conditions are satisfied. Only one hedge will be open at a time.

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