

Exper Advisor - MT5

Top Bottom SCALPER 1.0



EA_TOP_BOTTOM_1.0

MARKETS

BM & F Bovespa

Forex

PLATFORM

MT5

OPERATION

Analyze the Tops and Bottoms formed from the ZigZag indicator.

Identify specific formations, through the fibonacci projection, to defines entries and positions.

PURPOSE OF THIS EA

- Operating the fractals of a movement, following its trend.
- Look for longer operations that start from a rupture.
- Mantain positioned in tendence as much time as possible by automatically analyzing and changing open positions as new Tops / Bottomsunds are formed.
- Look for small, fast and short operations that offer reasonable Risk vs. Return.
- Operate only in probalistically favorable conditions.
- Generate statistical data for future probabilistic analysis of events.

IMPORTANT!

Special needs.

EA needs to draw some specific figures in the Chart to make it easier to read, check EA behavior and identify any failures.

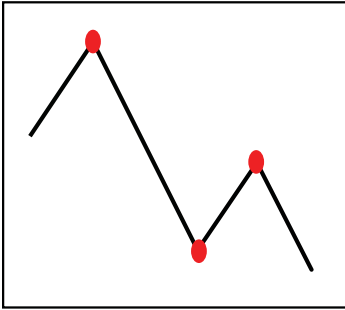
Elements that need to be drawn:

- Channel A1T, A1B**
- Channel A2T, A2B**
- Projection of fibonacci and its levels**
- Top and Bottom Name(TB-1, TB-2, TB-2 ...)**
- ZigZag Indicator**
- FiboLimitMax**
- FiboLimitMin**
- A1**
- A2**
- MaxStopLossSize**

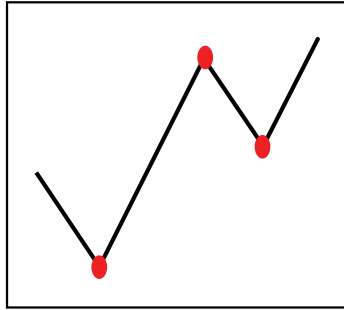
IDENTIFY THAS FORMATIONS:

SCALP

Move Down



Move Up



FLOW CHART EA_TOP_SCALPER_1.0 (Possible actions)

START

Clean Data

Run “**Check**”

Check

SetUp informations

Run “**TB_Scalper_Check**”

TB_SCALPER_CHECK

If True

Run “**Pendign_Order**”

If True

Run “**Open_Buy**”

If True

Run “**Open_Buy**”

If False

Run “**Start**”

OPEN_SELL

If True

Run “**Open_Sell**”

If False

Run “**Start**”

OPEN_BUY

If True

Run “**Open_Buy**”

If False

Run “**Start**”

PENDING_ORDER

If True

Price hit Pending_Sell_Order

Run= “**Sell_Order**”

If True

Price hit Pending_Buy_Order

Run= “**Buy_Order**”

If

Price don't hit any Pending Order

Run= “**Pending_Order**”

LOGIC OF EVENTS

START

Clear Data

Run”**Check**”

CHECK (SetUp parameters)

Lot Size

MaxLossDaily(0=Unlimited) Default=0

MaxGainDaily (0=Unlimited) Default=0

TimeFrame

1min/5min/15min... Default=5 Min

TrailingStop

True

False

MaxStopLoss

True

False

TimeFilter

True

False

StarTime

00:00

CloseTime

00:00

LastTimeToOpenNewOrder

00:00

OperationDirection

Sell

Buy

Sell and Buy

MarketOrder

True

False

ZigZag Indicator

ExtDepth/ Default=8

Fibo_Limit_Max

Proportional to X(Accept decimal values)Default=130,0%

Fibo_Limit_Min

Proportional to X(Accept decimal values)Default=15,0%

RetFibo

Proportional to X(Accept decimal values)Default=60,0%

MarginA1

Proportional to X(Accept decimal values)Default=5,0%

MarginA2

Proportional to X(Accept decimal values)Default=5,0%

TrailingStop

Proportional to X(Accept decimal values)Default=5,0%

MaxStopSize

(in points) Default=5000pts

Risk_Return01

Z(Accept decimal values)Default=3

Risk_Return02

Y (Accept decimal values)Default=2

Risk_Return03

W (Accept decimal values)Default=1

Run “**TB_Sclaper_Check**”

TB_SCALPER_CHECK

Clear **Fibonacci**

Clear **A1T**

Clear **A1B**

Clear **A2T**

Clear **A2B**

Clear **A1**

Clear **A2**

To Define

TB-3=A1

TB-2=A2

Length_Of_Segment A2_A1=X

Draw Fibonacci

A1=0%

A2=100%

Strategy=**Scalper**

If

Scalper=**False**

Run”**Start**”

If

TB-1<TB-2

MarketOrder=**True**

Price<**VarLimitMax**

OperationDirection=**Buy**

Open_Buy_Order

TakeProfit=TB-1+x.(**VarRiskReturn2**)

StopLoss=TB-1

Run “**Open_Buy**”

If

TB-1>TB-2

MarketOrder=**True**

Price>**VarLimitMax**

OperationDirection=**Sell**

Open_Sell_Order

TakeProfit=TB-1-x.(**VarRiskReturn2**)

StopLoss=TB-1

Run “**Open_Sell**”

If

TB-1<TB-2

MarketOrder=**False**

Price<**VarLimitMax**

OperationDirection=**Buy**

Pending_Buy_Order in TB-2

TakeProfit=TB-1+x.(**VarRiskReturn2**)

StopLoss=TB-1

Run “**Pending_Order**”

If

TB-1>TB-2
MarketOrder=False
Price>VarLimitMax
OperationDirection=Sell
Pending_Sell_Order in TB-2
TakeProfit=TB-1-x.(VarRiskReturn2)
StopLoss=TB-1
Run "Pending_Order"

If False
Run "Start"

BUY_OPEN

If
StopLoss=True
Run "Start"
If
StopGain=True
Run "Start"
If
TimeLimit=True
Run "Start"
If
New_Bottom=True
StopLoss=(New_Bottom)
TakeProfit=New_Bottom+ (VarRiskReturn1)
Run "Buy_Open"

If
New_Top<=Previous_Top
Close Buy Order
Run "Start"

SELL_OPEN

If
StopLoss=True
Run "Start"
If
StopGain=True
Run "Start"
If
TimeLimit=True
Run "Start"
If
New_Top=True
StopLoss=(New_Top)
TakeProfit=New_Top - (VarRiskReturn1)
Run "Sell_Open"

If
For Falso
Run "Start"

If
New_Bottom>=Previous_Bottom
Close Sell Order
Run "Start"

PENDING ORDER

Wait next candle be formed

If

Price hit Pending_Sell_Order

Run="Sell_Order"

If

Price hit Pending_Buy_Order

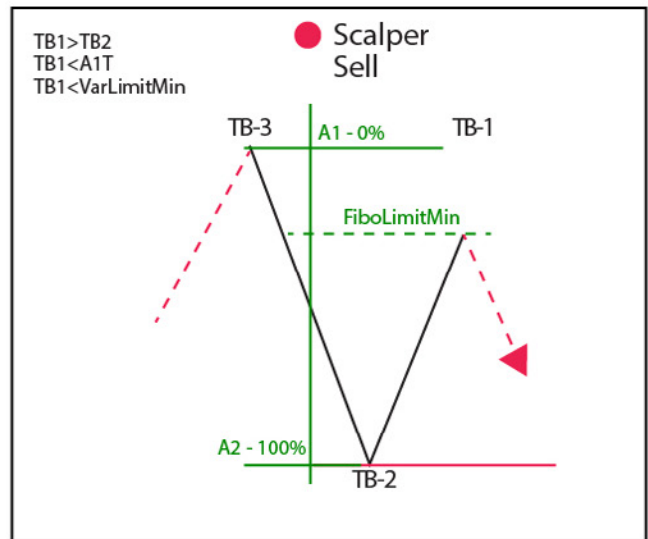
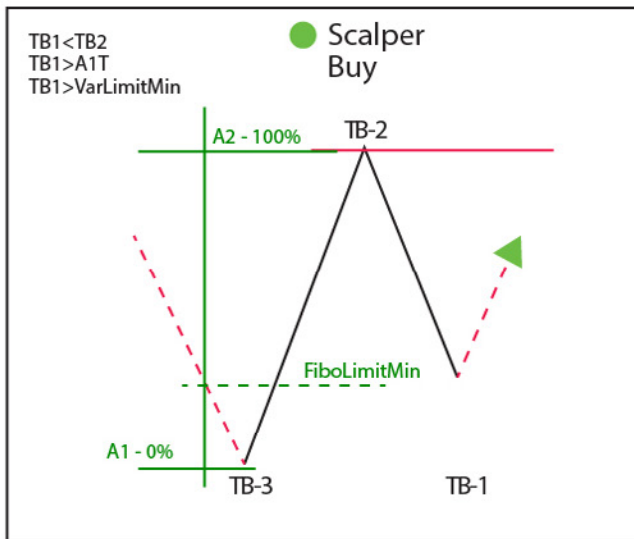
Run="Buy_Order"

If

Price dont hit any Pending Order,

Run= "Pending_Order"

ENTRY PARAMETERS



SETUP PARAMETERS

Lot Size	0.0
MaxLossDaily (in points)	00
MaxGainDaily (in points)	00
TimeFrame	1min5min/15min...
TrailingStop	True/False
MaxStopLoss	True/False
Filter Time Ativado	True/False
StarTime	00:00
CloseTime	00:00
LastTimeToOpenNewOrder	00:00
OperationDirection	Buy/Sell/Buy and Sell
MarketOrder	True/False
ZigZag Indicator	ExtDepth - Default=8
Fibo_Limit_Max	Proportional to X(Accept decimal values)Default=130,0%
Fibo_Limit_Min	Proportional to X(Accept decimal values)Default=15,0%
Margem A1	Proportional to X(Accept decimal values)Default=5,0%
Margem A2	Proportional to X(Accept decimal values)Default=5,0%
TrailingStop	Proportional to X(Accept decimal values)Default=5,0%
MaxStopSize	(In points) Default=5000pts
Risk_Return01	Z(Accept decimal values)Default=3
Risk_Return02	Y (Accept decimal values)Default=2

1- Please, create a rules and conditions to “Trailing stop” and “Max Stop Size”

2- **TB-1, TB-2, TB-3....** Is just a names to identify previous Tops and Bottoms, is don't are a arithmetics values.

3-All Prefix “Var” is a reference to an external value, inserted in Setup.