I need an Expert Advisor for MetaTrader4. the market entry signal is based on custom indicator Closing of positions - by the SL, TP, and by a reverse signal. All positions are accompanied by a trailing stop,

(all of the indicator parameters should be adjustable)

Each indicator settings is adjustable in the control panel

Make (stoploss - takeprofet) invisible to the broker

I want to work fully from one chart only, regardless of the time frame.

Multi-currency / multi-charts, as they will have to check all charts / currencies for the open market

Adding and deleting currency pairs must be available from the control panel

It must be available to turn on or off the timeframes from the control panel

I will need a week to test on a demo account (not a strategy tester) before making a payment, to make sure it meets all of the above requirements

StopLoss (SL) and TakeProfit (TP) - are fixed, adjustable by the parameters StopLossand TakeProfit:

The levels are specified in points of 5-digit quotes;

The levels are calculated relative to the price of opened position (the Ask price - for the long positions and the Bid price - for short positions);

If the value is too low, the stop should be set at a minimum allowed distance;

If the 0 values specified, the stops are not used.

If a long-position is opened, and the indicator line is below the current price, the stop is moved to the level of the indicator line;

If a short position is opened, and the indicator line is above the current price, the stop is moved to the level of the indicator line;

Moving the SL is permitted only in the direction of profit of the position - up for long position and down for short position;

If can not set the SL at the level of the line, it should be set at the minimum allowable distance (but only if it complied with the previous rule of moving in the direction of the profit);

The trailing stop feature should be configurable (AllowTrailing = true/false parameter).

If there is an opened position, and there is a opposite signal, the opened position must be closed and a new one must be opened (in the opposite direction).

For a new position the calculation of the lot must be called after closing the opened position.

The information on the opening/closing of positions and of modifications of the SL should be stored in the Journal;

If there are any errors, it must print a message describing the error.

I want the expert to work on the strategy tester

Open buy position:

The candle must touch the lower Bollinger band.

The Stochastic should be below 20.

Place a buy order when the next candle retrace back through the lower Bollinger band,

crossing D% line of the Stochastic indicator with your K% line for the indicator from bottom to top below the 20 level of the indicator and the trend towards exit from level 20.

Open sell position:

The candle must touch the upper Bollinger band.

The Stochastic should be top 80.

crossing D% line of the Stochastic indicator with your K% line for the indicator from Top to bottom upper the 80 level of the indicator And the trend towards exit from level 80.

Place a sell order when the next candle retrace back through the upper Bollinger band,

Exit position:

Closing of positions - by the SL, TP, and by a reverse signal

If no set stop loss, the default stop loss of the expert shall be as follows

buy position

Stochastic is below the 10 level

Place the stop loss below the 10 level of the indicator + 25 point (The points value must be controlled from the expert control panel)

Ex. EUR/USD Purchase order opened

Stochastic crosses the level of 10 and the price at this moment 1.22651

Stop Loss =1.22651+25=1.22401

TP

When the Lines Stochastic indicator crossing above the 80 level

Once the Lines Stochastic indicator cross the 80 level down Close the buy position

When the Lines Stochastic indicator crossing above the 50 level, Move stop loss at entry level

sell position

sell position

Stochastic is upper level 90

Place the stop loss upper the level 90 of the indicator + 25 point (The points value must be controlled from the expert control panel)

Ex. EUR/USD Purchase order opened

Stochastic crosses the level of 90 and the price at this moment 1.22651

Stop Loss =1.22651+25=1.22901

TP

When the lines Stochastic indicator crossing under the 20 level, Once the Lines Stochastic indicator cross the upper 20 level Close the sell position

When the lines Stochastic indicator crossing under the 50 level, Move stop loss at entry level

Control in the take profit points -stop loss from the control panel

Exit from the position is when the specified profit or reverse signal is reached when the price reaches one of them first

When the price reaches the specified number of stop loss points, the center is closed, and the reverse signal is ignored

A buy position and a sell position should not be opened on the same time frame at the same time

An example of a EUR / USD time frame is 15 minutes

Only one order is opened on the 15 minute time frame and the rest of the signals are ignored until the open position is closed

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Magic: a unique identifier through which EA recognises and manages its own positions.

EA_Comment: type a comment, if I wish to mark the trade

The expert must automatically add a comment to each position to know the time frame for opening the trade **(very important)**

Example

Add comment M1 when a trade opens on the M1 time frame

Add comment H4 when a trade opens on the H4 time frame

MaxSPREAD: maximum allowed spread.

Slippage: maximum allowed slippage.

Stealth Mode : a mode which conceals stoploss and takeprofit levels in program logic, making them invisible to brokers.

Emergency Stop

this parameter ensures a second level of protection, when Stealth Mode is used. At values greater than zero it activates a second level of true (Emergency) StopLoss on a greater distance then the virtual hidden StopLoss is located.

As an example if Stealth Mode is used and the hidden “system” StopLoss is 60 pips and the EmergencyStop 100 pips, then the emergency StopLoss will be placed 160 pips away from the trade entry price.

StopLoss: distance to stoploss levels in standard (5 digits) pips.

TakeProfit: distance to takeprofit levels in standard (5 digits) pips.

Break Even Start Peeps - Determines the number of trade profit points you should earn and after which the stop loss is moved to the entry price (5 digits) pips

Trail Stop Start Pips: Start trailing stop after (5 digits) pips.

Trail Stop Move Pips: Move trailing stop (5 digits) pips.

SecureProfit: minimum profit to be guaranteed where the position’s

FixedLots: the extent of the fixed trading volume.

AutoMM: automatic risk management activates at values greater than zero:

- Example 1: at AutoMM = 2, EA opens positions equal to 0.2 lots (20,000) given account extent of 10,000. This places 2 percent of the account extent at risk per individual transaction .

AutoMM_Max: the maximum permitted risk expressed as a percentage of the account per individual transaction

MaxAccountTrades: this parameter you could limit the number of simultaneously opened trades in account. The default value is zero, which means that by default this option is disabled.

MaxAccountDD Stop: the maximum allowed drawdown for the account in percent. The option activates at values greater than zero. This option is based on the current drawdown, which is the difference between the current account balance and equity.

Balance Stop ($):

Stop opening new trades if balance is below this value

Drawdown Stop (%):

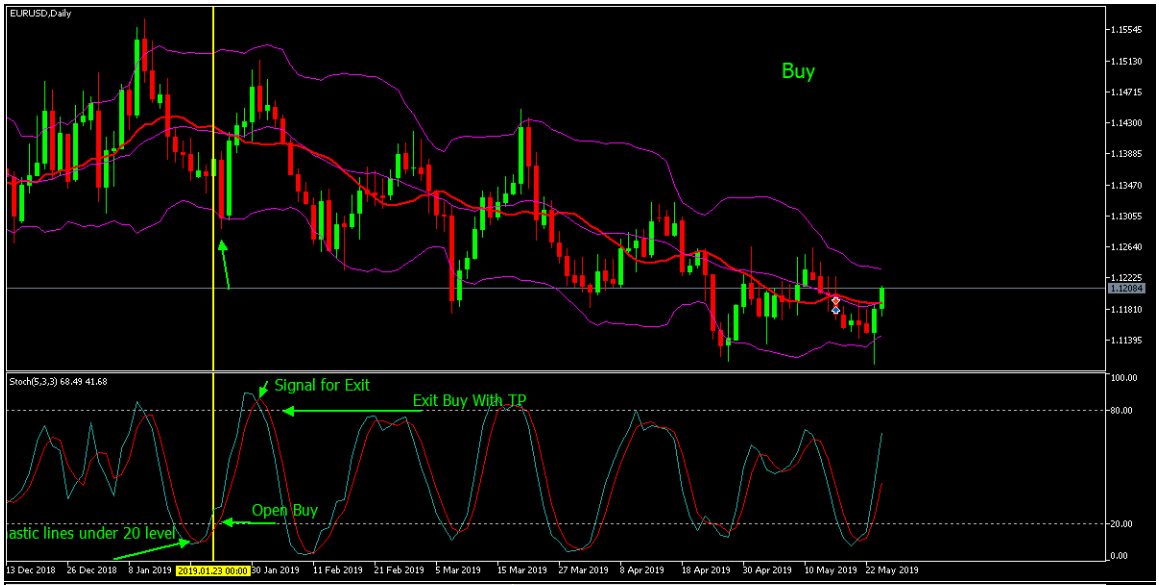
Stop opening new trades if floating drawdown is above this value

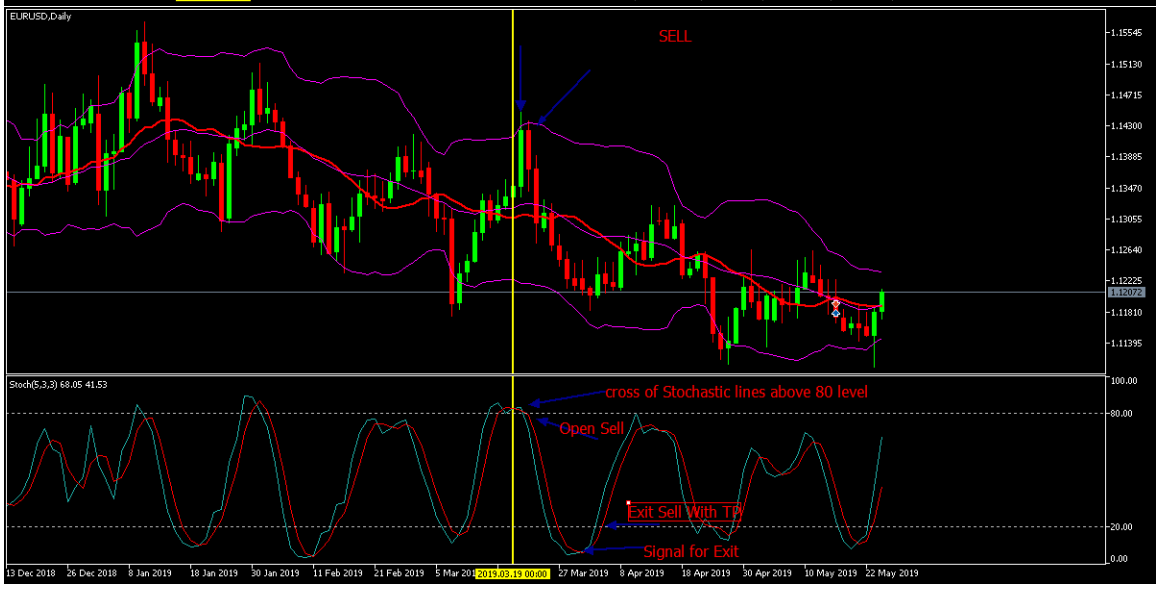
Total Lots:

Max allowed total lots of open trades

Clean code with comments for easy editing later

The original code is required


EURUSD,Daily
Buy
Stoch(5,3,3) 68.49 41.68
Signal for Exit
Exit Buy With TP
Open Buy
astic lines under 20 level


EURUSD,Daily
SELL
Stoch(5,3,3) 68.05 41.53
cross of Stochastic lines above 80 level
Open Sell
Exit Sell With TP
Signal for Exit

sperd= 0.0 pips
sl=00 / tp=00

Time frame=ok
M1/M5/M15/H4/D

AutoMM=EN OR DI
Risk=0.5
Tradinglot=0.01

Currency pairs Allow

EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD
EUR/USD	GBP/USD	XAU/USD