

UTralVirtual

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UTralVirtual – is a utility for managing open positions and pending orders.

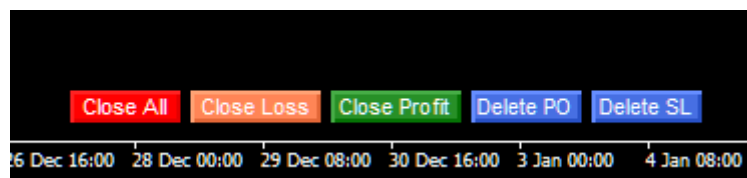
Five trailing stop modes: virtual, normal, total, percentage and mobile stop loss. Seven options: by points, by bar extremes, by fractals, by volumes, by MA, by Parabolic SAR and by ATR. Virtual stop loss and virtual take profit, which can be freely moved around the chart.

Opportunities

- 5 trailing stop modes: virtual, normal, total, percentage and mobile stop loss;
- 7 options: by points, by bar extremes, by fractals, by volumes, by MA, by Parabolic SAR and by ATR;
- virtual mobile stop loss - move manually;
- virtual mobile take profit - move manually;
- adding stop loss and take profit to all open positions;
- setting stop loss by: points, fractals, ATR indicator, daily High/Low;
- trailing stop for all orders opened on the chart;
- mini profit to start the trailing stop.
- setting up a trailing stop for of open positions by magic number and by direction;
- trailing of pending orders: by type, by direction, by points, fractals, by bar extremes;
- "hot buttons "on the chart for quick execution of commands;
- works on accounts with 4 and 5-digit quotes;
- for 5-digit accounts, the parameters are automatically increased by 10;
- a special parameter multiplier for working with cryptocurrencies, indices, futures, CFDs.

Hot buttons

Hot buttons are designed for quick execution of one command.



Close All – closes all open positions on the current chart.

Close Loss - closes, on the current chart, only positions that have a loss.

Close Profit - closes, on the current chart, only positions that have a profit.

Delete PO – deletes all pending orders on the current chart.

Delete SL - deletes, on the current chart, stop loss and take profit in all open positions.

Block 1. GENERAL SETTINGS

Allow the EA to work = true - if you select false, the EA will suspend its work, stop monitoring orders and will not move the stop loss.

Magic number = -1 - allows you to specify the EA, which orders (with which magic number) it needs to track. The magic number will be displayed on the chart for your convenience and appear in the right corner of the terminal's screen to the left of the EA.

The magic number -1 (the message "-1" will be displayed on the chart) means that the EA will work with all orders for this currency pair, including orders opened manually.

Positions:

- **Long only** - to trail the stop loss only for buy orders;

- **Short only** - to trail the stop loss only for sell orders;
- **Long & Short** - trailing stop in both directions.

123	Magic number (-1 for all)	-1
123	Positions: >	Long & Short
	Add SL and TP for all open orders	Long only
		Short only
123	Stop Loss by: >	Long & Short
123	Stop Loss in points	30

Add SL and TP for all open orders = true - the EA will set a stop loss or take profit for all open orders.

Variable	Value	
ab	___ 1. GENERAL SETTINGS ___	
	Allow the EA to work	true
123	Magic number (-1 for all)	-1
123	Positions: >	Long & Short
	Add SL and TP for all open orders	true
123	Stop Loss by: >	Points
123	Stop Loss in points	30
	Virtual stop loss	true
123	Take Profit in points	60
	Virtual take profit	true
123	Breakeven for one direction: >	Disabled
123	Profit to enable a breakeven	12
123	Breakeven level	2
123	Slippage	3

Stop Loss by:

- **Points** - the size of the stop loss on the points;
- **Fractals** - stop loss by the extreme fractal of the current chart;
- **ATR 14, D1** - stop loss size based on the ATR 14 indicator, for the D1 period;
- **High/Low D1** - stop loss by daily extremes.

	Add SL and TP for all open orders	true
123	Stop Loss by: >	Points
123	Stop Loss in points	Points
	Virtual stop loss	Fractals
		ATR 14, D1
123	Take Profit in points	High/Low, D1
	Virtual take profit	true

Stop Loss in points = 30 - the stop loss size in the points

Virtual stop loss = true - the stop loss is invisible to the broker, if true, the horizontal line of the virtual stop loss will appear on the chart. The line can be moved by hand, in any direction.

Take Profit in points = 60 - the take profit in the points.

Virtual take profit = true - the take profit is invisible to the broker, if true, the horizontal line of the virtual stop loss will appear on the chart. The line can be moved by hand, in any direction. It is provided to close orders only if there is profit on the current currency pair.

Important:

- Virtual Stops can be used together with real Stops. To guarantee in case of loss of communication with the broker or sudden computer shutdown.
- Virtual stop loss and virtual take profit do not work if: or there are positions open in the opposite direction (i.e. if there is a lock);

Breakeven for one direction: - breakeven mode.

- **Usual** - works separately with each order;
- **General, united** - one common stop loss for all orders of the same direction;
- **Disabled** - breakeven is disabled.

123 Breakeven for one direction: >	Disabled
123 Profit to enable a breakeven	Usual
123 Breakeven level	General, united
123 Slippage	3

Load

Profit to enable a breakeven = 12 – level of take-profit in points, at which a breakeven is enabled

Breakeven level = 1 – sets the level, at which a stop loss must be moved: if set to 1, then the position will be closed, when the profit is 1 point; if set to 0, then the position will be closed with the profit of 0 points.

Important: the "General, united" breakeven works with both one order and several, sets the stop loss at a single breakeven level. At the same time, some orders (if there are more than 1) may be closed with a loss. But at the same time their total profit will not be lower than the set value "Breakeven level".

Slippage = 3 - the level of slippage in points on the volatile market it is better to increase.

Block 2. TRAILING PENDING ORDERS

Variable	Value
ab __2. TRAILING PENDING ORDERS__	
✓ Pending orders trailing	false
123 Trailing orders by: >	Points
123 Timeframe for trailing orders: >	30 Minutes
123 Pending orders type: >	Stop Orders
123 Direction trailing: >	All orders
123 Indent from High/Low and fractals	5
123 Trailing level for Stop orders	15
123 Step for trailing Stop orders	3
123 Trailing level for Limit orders	20
123 Step for trailing Limit orders	3

Load

Save

Pending orders trailing = false, false, if true, the EA will trail pending orders.

Trailing orders by:

- **Points** - the pending order will move by the points.
- **High/Low** - the pending order will move by the fractals.
- **Fractals** - the pending order will moved by High/Low.

Pending orders trailing	false
Trailing orders by: >	Points
Timeframe for trailing orders: >	Points
Pending orders type: >	High/Low
Direction trailing: >	Fractals
	All orders

Timeframe for trailing orders: = «30 Minutes» - choice of the timeframe by which you want to work with trailing stop for pending orders.

Trailing orders by: >	Points
Timeframe for trailing orders: >	30 Minutes
Pending orders type: >	current
Direction trailing: >	1 Minute
Indent from High/Low and fractals	5 Minutes
Trailing level for Stop orders	15 Minutes
Step for trailing Stop orders	30 Minutes
Trailing level for Limit orders	1 Hour
Step for trailing Limit orders	4 Hours
	1 Day
	1 Week
	1 Month

Pending orders type:

- **Stop Orders** - trailing stop orders only (Buy Stop и Sell Stop).
- **Limit Orders** - trailing limit orders only (Buy Limit и Sell Limit).
- **Stop & Limit** - trailing stop and limit orders together.

Timeframe for trailing orders: >	30 Minutes
Pending orders type: >	Stop Orders
Direction trailing: >	Stop Orders
Indent from High/Low and fractals	Limit Orders
Trailing level for Stop orders	Stop & Limit
	15

Direction trailing:

- **Buy orders only** - trailing pending orders, only on buy.
- **Sell orders only** - trailing pending orders only on sell.
- **All orders** - trailing all pending orders.

Pending orders type: >	Stop Orders
Direction trailing: >	All orders
Indent from High/Low and fractals	Buy orders only
Trailing level for Stop orders	Sell orders only
Step for trailing Stop orders	All orders
	3

Important: the trading direction for pending orders does not depend on the choice of the "Positions:" (Long only or Short only).

Indent from High/Low and fractals = 5 in points.

Trailing level for Stop orders = 15 - in points, the distance of pending orders from the current price, if it becomes larger the EA pulls pending orders closer to the price.

Step for trailing Stop orders = 3 in points.

Trailing level for Limit orders = 20 - in points, the distance of pending orders from the current price, if it becomes larger the EA pulls pending orders closer to the price.

Step for trailing Limit orders = 3 in points.

Block 3. TRAILING OPEN POSITION

Variable	Value
ab __3. TRAILING OPEN POSITION__	
1/2 Mini profit (\$) in the currency of deposit	0.0
123 Mode trailing stop: >	Normal
123 Timeframe for trailing stop: >	1 Hour
123 Trailing stop by: >	Points
123 Trailing stop level	20
123 Trailing step	2
123 Indent in points, except by "Points"	1
123 ATR period	14
123 Level of Volumes	100
123 Moving Average period	34
123 MA shift	0
123 MA method: >	Exponential
123 Applied price the MA: >	Close price
1/2 Step Parabolic SAR	0.02
1/2 Maximum Parabolic SAR	0.2
ab __Trailing by percents: __	
123 1_Reduction in the lot on: >	10 %
123 1_Take Profit, points	20
123 1_Level breakeven, points	5
123 2_Reduction in the lot on: >	30 %
123 2_Take Profit, points	30
123 2_Level breakeven, points	10
123 3_Reduction in the lot on: >	80 %
123 3_Take Profit, points	60
123 3_Level breakeven, points	20

LoadSave

Mode selection:

- **Normal** - standard trailing stop, starts trail only when there is profit.
- **Total** - by one (average) stop loss closes all open orders in one direction, including
- **Virtual** - trailing stop invisible to the broker, a horizontal dotted line, blue in color, will appear on the chart.
- **Percentage** - when a new level of profit (3 levels in total) is reached, the trade volume will be partially reduced by a fixed percentage.
- **Mobile stop loss** - stop loss follows the price like a trailing stop immediately after the order is opened.
- **Disabled** - trailing stop is disabled and does not work.

1/2 Mini profit (\$) in the currency of deposit	0.0
123 Mode trailing stop: >	Normal
123 Timeframe for trailing stop: >	Normal
123 Trailing stop by: >	Total
123 Trailing stop level	Virtual
123 Trailing step	Percentage
123 Indent in points, except by "Points"	Mobile stop loss
	Disabled
	1

Important! Virtual trailing stop do not work if: or there are positions open in the opposite direction (i.e. if there is a lock).

Timeframe for trailing stop: = «1 Hour» - choice of the timeframe by which you want to work with trailing stop (except for Points).

Mode trailing stop: >	Normal
Timeframe for trailing stop: >	1 Hour
Trailing stop by: >	current
Trailing stop level	1 Minute
Trailing step	5 Minutes
Indent in points, except by "Points"	15 Minutes
ATR period	30 Minutes
Level of Volumes	1 Hour
Moving Average period	4 Hours
	1 Day
	1 Week
	1 Month

Trailing stop by:

- **Points** - standard trailing stop by points;
- **High/Low** - the High/Low of the previous bar;
- **Fractals** - by fractals;
- **Volumes** - by volumes;
- **Moving Average** - by moving average;
- **Parabolic SAR** - by Parabolic SAR;
- **ATR** - by ATR.

Timeframe for trailing stop: >	1 Hour
Trailing stop by: >	Points
Trailing stop level	Points
Trailing step	High/Low
Indent in points, except by "Points"	Fractals
ATR period	Volumes
Level of Volumes	Moving Average
	Parabolic SAR
	ATR

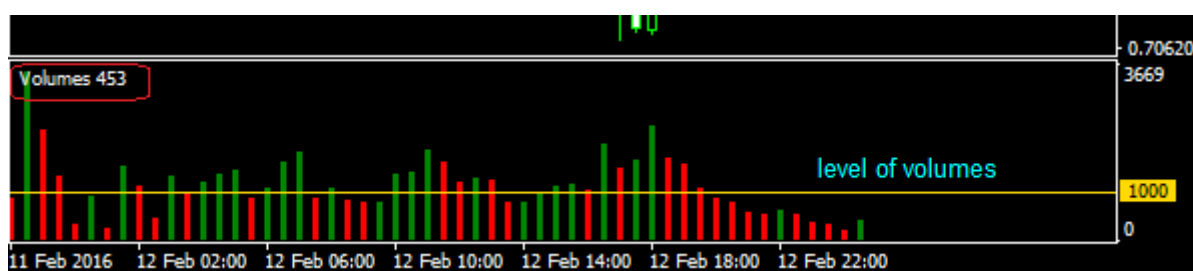
Trailing stop level = 20 - trailing stop level in points.

Trailing step = 2 - step of trailing: if the profit is 30 points, trailing will move a stop-loss to 2 points.

Indent in points, except "by Points" - the distance in points from the stop loss to the maximum or the minimum of the bar or the fractal.

ATR period = 14 - period ATR (Average True Range). ATR, you can adjust the trailing stop distance from the price using "Indent in points, except by Points" by increasing or decreasing its value. If Buy order, then the amount "Indent ..." + the ATR level is deducted from the Bid price. If Sell order, then the amount "Indent ..." + the ATR level is added to the Ask price.

Level of Volumes = 100 - sets the level volumes. Trailing stop is work if columns of a volume histogram are lower than a pre-set level – 100, if the columns are higher than the level, then trailing will be temporarily disabled, until the columns are lower than the pre-set level, for 5-digit brokers automatically increases to 10.



Moving Average period = 34

MA shift = 0.

MA method: = Exponential.

123 MA shift	0
123 MA method: >	Exponential
123 Applied price the MA: >	Simple
1/2 Step Parabolic SAR	Exponential
1/2 Maximum Parabolic SAR	Smoothed
ab _ _ Trailing by percents: _ _	Linear weighted

Applied price the MA: - choosing price to calculate the moving average.

123 MA method: >	Exponential
123 Applied price the MA: >	Close price
1/2 Step Parabolic SAR	Close price
1/2 Maximum Parabolic SAR	Open price
ab _ _ Trailing by percents: _ _	High price
123 1_Reduction in the lot on: >	Low price
123 1_Take Profit, points	Median price
123 1_Level breakeven, points	Typical price
	Weighted price
	5

Step Parabolic SAR = 0.02.

Maximum Parabolic SAR = 0.2.

ab _ _ Trailing by percents: _ _	
123 1_Reduction in the lot on: >	10 %
123 1_Take Profit, points	No %
123 1_Level breakeven, points	10 %
	20 %
123 2_Reduction in the lot on: >	30 %
123 2_Take Profit, points	40 %
123 2_Level breakeven, points	50 %
	60 %
123 3_Reduction in the lot on: >	70 %
123 3_Take Profit, points	80 %
	90 %

1_Reduction in the lot on: = 10 % - the choice of the first percentage for a first reduction of lot size.

1_Take Profit, points = 20 - the first Take Profit after which there will be the first partial closure of the position, reducing the volume of the lot by a fixed percentage.

1_Level breakeven, points = 5 - the first level of breakeven before the first partial closing of the position.

2_Reduction in the lot on: = 30 % - the choice of the second percentage for a second reduction of lot size.

2_Take Profit, points = 30 - the second Take Profit after which there will be a second partial closure of the position, reducing the volume of the lot by a fixed percentage.

2_Level breakeven, points = 10 - the second level of breakeven before the second partial closing of the position.

3_Reduction in the lot on: = 80 % - the choice of the third percent for a third reduction of lot size.

3_Take Profit, points = 60 - the third Take Profit after which there will be a third partial closure of the position, reducing the volume of the lot by a fixed percentage.

3_Level breakeven, points = 20 - the third level of breakeven before the third partial closing of the position.

Important! If after finishing the trailing stop by percentage, if the position is still saved and if the price continues to move in the desired direction, then the usual trailing stop will start working.
You can choose in advance by which indicator this trailing stop will work or you can leave it by "Points".

Block 4. OTHER SETTINGS

4. OTHER SETTINGS	
Alerts modified stop loss	true
Language: >	English
Background: >	Light
Font size in messages: >	Medium
Show info messages	true
Show hot buttons	true
Multiply parameters by: >	Disabled

Alerts modified stop loss = true - stop loss modification sound signal if false, the sound is disabled.

Language: = English – switch the language on the info panel can be English or Russian.

Alerts modified stop loss	true
Language: >	English
Background: >	English
Font size in messages: >	Russian

Background: = Dark - selects the color background of the chart Dark or Light.

Language: >	English
Background: >	Light
Font size in messages: >	Light
Show info messages	Dark

Font size in messages: = Small - you can choose the font size small, medium, big.

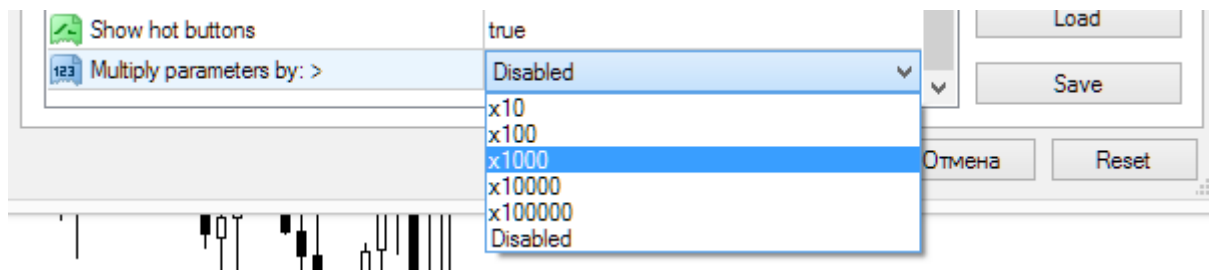
Background: >	Light
Font size in messages: >	Medium
Show info messages	Small
Show hot buttons	Medium
Multiply parameters by: >	Big

Show info messages = true - displays textual information about the financial status of the account and currently active commands on the chart, if false, it does not show messages.

Show hot buttons = true - yes, show, false - no.

Important: do not show, "hot buttons" in the strategy tester do not work!

Multiplier for cryptocurrency = Disabled - disabled, select and set the desired multiplier.



"Multiply parameters by" is useful for instruments with a non-standard quote for cryptocurrencies, indexes, CFD futures, etc. How much you need to increase all the parameters in the EA for it to work correctly on this instrument, you can find out from the specification of the instrument.

For example: in InstaForex for an account with a 4-digit quote, the spread and stop level for **#Bitcoin** is 12000 points. Therefore, you need to choose the multiplier "x1000", then the stop loss of 30 points will be set at a distance of 300000 points from the price (30 x 1000). For **#Ethereum** spread of 200 points means you need to choose the multiplier "x100" and then stop loss will be 3000 points (30x100). For **#Ripple** spread 50 points - you need to select "x10" and stop loss will be 300 points (30x10).

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