

UTrailingMT5 – universal trailing stop

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UTrailingMT5 – universal trailing stop, made in the form of an expert adviser, but without its own mechanism for opening orders. UTrailingMT5 EA is useful to any trader, but most of all like traders who trade hands, for them it will be a great assistant.

Opportunities

- 5 trailing stop modes: virtual, normal, total, percentage and mobile stop loss;
- 7 options: by points, by bar extremes, by fractals, by volumes, and by indicators;
- virtual mobile stop loss - move manually;
- virtual mobile take profit - move manually;
- adding stop loss and take profit to all open positions;
- trailing stop for all orders, all symbols opened in the terminal;
- setting up a trailing stop for of open positions: only by one symbol, by magic number, or by direction;
- trailing of pending orders: by type, by direction, by points, fractals, by bar extremes;
- closing all orders for the specified amount of the account Equity;
- closing orders on the fixed profit;
- closing orders on the percentage of loss;
- closing all orders in the "lock" with a profit;
- "hot buttons" on the chart for quick execution of commands;
- close all orders in the terminal using the "hot keys";
- working with cryptocurrencies (#Bitcoin, etc.), stocks, futures, etc.;
- operates on 4- and 5-digit accounts.

Hot keys

Shift + 0 – closes all open positions and deletes all pending orders.

To do it, you need to place the cursor over the price chart, where the EA is running, click on the chart with the left mouse button (select the chart) and then press "Shift" and "0" buttons in sequence.

Hot buttons

Hot buttons are designed for quick execution of one command.



Close All – closes all open positions and deletes all pending orders.

Close Loss – closes only orders that have a loss.

Close Profit – closes only orders with profit.

Delete PO – removes only pending orders.

Delete SL – removes stop loss from open orders.

Important: if the command "All symbols" = true is active, then when you press the "hot" button, the task will be executed for all orders and all positions currently open in the terminal! If "All symbols" = false, then the task will be performed only on the current currency pair on which the EA is installed.

Block 1. GENERAL SETTINGS

Variable	Value
1. GENERAL SETTINGS	
Allow the EA to work	true
Magic number (-1 for all)	-1
All symbols	false
Positions: >	Long & Short
Add SL and TP for all open orders	true
Stop Loss in points	30
Virtual stop loss	false
Take Profit in points	100
Virtual take profit	false
Breakeven for one direction: >	Disabled
Profit to enable a breakeven	15
Breakeven level	5
Slippage	3
Lot only for tester	0.01

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.

All symbols = false, if true, the EA will work with all orders opened in the terminal, on all symbols, and the message "All symbols" will be displayed at the top of the chart.

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.

All symbols	false
Positions: >	Long & Short
Add SL and TP for all open orders	Long only
Stop Loss in points	Short only
Virtual stop loss	Long & Short
	false

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

Stop Loss in points = 50 - 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. The distance from the current price to the virtual stop loss line is set by the "Stop Loss in points" parameter.

Take Profit in points = 50 - 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. The distance from the current price to the virtual take profit line is set by the "Take Profit in points" parameter.

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.
- If you change any external parameters in the properties of the EA, the position of the virtual stop lines may change or remain at the same levels, the EA will give you a choice.
- 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);
 - or "All symbols"= true;
 - or "Exit from the lock with a profit"= true.

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.

Virtual take profit	false
Breakeven for one direction: >	Disabled
01 Profit to enable a breakeven	Usual
01 Breakeven level	General, united
01 Slippage	3

Load

Profit to enable a breakeven = 11 – 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".
- The "General, united" breakeven works only on its own chart (where the EA is installed) and if the "All Symbols" mode is selected, then on other currency pairs, the breakeven will work in the "Usual" mode.

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

Block 2. CLOSING POSITIONS

Variable	Value
2. CLOSING POSITIONS	
Close by Equity	false
1/2 Amount of Equity, in the deposit curre...	3000
Fixed profit	false
1/2 Profit in the deposit currency	50
1/2 Close all orders at drawdown in %	100
Exit from the "lock" with a profit	false
1/2 Mini profit to exit the "lock"	5

Buttons: Load, Save, OK, Отмена, Reset

Close by Equity = false - if true, allow closing all open positions and deleting all pending orders when the account Equity reach the set value.

Amount of Equity, in the currency of the deposit = 0.0 - the amount of Equity at which all orders will be closed, the value can be higher than the account Balance.

Fixed profit = false - allow fixed profit.

Profit in the deposit currency = 50.0 - fixed profit amount in the currency of the deposit.

Close all at drawdown in % = 100, if Equity becomes less than the Balance by the set percentage, all orders will be closed.

Exit from the "lock" with a profit = false - exit from the "lock" is possible only if there is a difference between the sums of the volumes of lots. If there is such a difference, then a horizontal dotted line will appear on the chart – the level of exit from the castle. When the price reaches this line, all orders will be closed

Mini profit to exit the "lock" = 5.0 - here you can set the minimum profit value (in the deposit currency) at which closing all orders when exiting the lock.

Important: if "All symbols" = true, and there are open positions on other currency pairs, the EA will calculate the difference in lot volumes for all currency pairs, and when you exit the "lock" at breakeven, all orders in the terminal will be closed.

Block 3. TRAILING PENDING ORDERS

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.

↗ Pending orders trailing	false
☰ Trailing orders by: >	Points
☰ Timeframe for trailing orders: >	30 Minutes
☰ Pending orders type: >	current
☰ Direction trailing: >	1 Minute
01 Indent from High/Low and fractals	2 Minutes
01 Trailing level for Stop orders	3 Minutes
01 Step for trailing Stop orders	4 Minutes
01 Trailing level for Limit orders	5 Minutes
01 Step for trailing Limit orders	6 Minutes
	10 Minutes
	12 Minutes
	15 Minutes
	20 Minutes
	30 Minutes
	1 Hour
	2 Hours
	3 Hours

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
01 Indent from High/Low and fractals	Limit Orders
01 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
01 Indent from High/Low and fractals	Buy orders only
01 Trailing level for Stop orders	Sell orders only
01 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 4. TRAILING OPEN POSITION

Variable	Value
4. TRAILING OPEN POSITION	
Mode trailing stop: >	Normal
Timeframe for trailing stop: >	1 Hour
Trailing stop by: >	Points
Trailing stop level	20
Trailing step	2
Indent in points, except by "Points"	1
ATR period	14
Level of Volumes	100
Moving Average period	34
MA shift	0
MA method: >	Exponential
Applied price the MA: >	Close price
Step Parabolic SAR	0.02
Maximum Parabolic SAR	0.2
_ Trailing by percents: _	
1_Reduction in the lot on: >	10 %
1_Take Profit, points	20
1_Level breakeven, points	5
2_Reduction in the lot on: >	30 %
2_Take Profit, points	30
2_Level breakeven, points	10
3_Reduction in the lot on: >	80 %
3_Take Profit, points	60
3_Level breakeven, points	20

Buttons: Load, Save, OK, Отмена, Reset

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.

4. TRAILING OPEN POSITION	
Mode trailing stop: >	Normal
Timeframe for trailing stop: >	Normal
Trailing stop by: >	Total
Trailing stop level	Virtual
Trailing step	Percentage
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); or "All symbols"= true; or "Exit from the lock with a profit"= true.

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	2 Minutes
Indent in points, except by "Points"	3 Minutes
ATR period	4 Minutes
Level of Volumes	5 Minutes
Moving Average period	6 Minutes
MA shift	10 Minutes
MA method: >	12 Minutes
	15 Minutes
	20 Minutes
	30 Minutes
	1 Hour
	2 Hours

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.

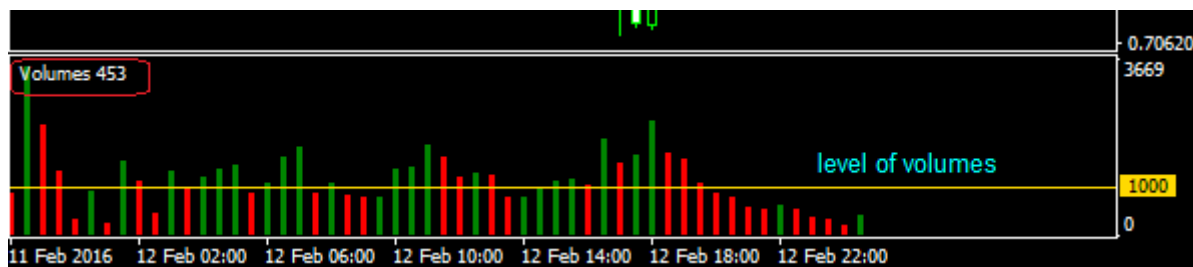
Trailing step = 2 - step of trailing: if the profit is 30 points, trailing will move a stop-loss to 2 points.

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.

01 MA shift	0
MA method: >	Exponential
Applied price the MA: >	Simple
1/2 Step Parabolic SAR	Exponential
1/2 Maximum Parabolic SAR	Smoothed
	Linear weighted

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

MA method: >	Exponential
Applied price the MA: >	Close price
1/2 Step Parabolic SAR	Close price
1/2 Maximum Parabolic SAR	Open price
	High price
__ Trailing by percents: __	Low price
1_Reduction in the lot on: >	Median price
01 1_Take Profit, points	Typical price
	Weighted price

Step Parabolic SAR = 0.02.

Maximum Parabolic SAR = 0.2.

__ Trailing by percents: __	
1_Reduction in the lot on: >	10 %
01 1_Take Profit, points	No %
01 1_Level breakeven, points	10 %
	20 %
2_Reduction in the lot on: >	30 %
01 2_Take Profit, points	40 %
	50 %
01 2_Level breakeven, points	60 %
	70 %
3_Reduction in the lot on: >	80 %
01 3_Take Profit, points	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 5. OTHER SETTINGS

Variable	Value
5. OTHER SETTINGS	
Alerts modified stop loss	true
Language: >	English
Background: >	Light
Font size in messages: >	Medium
Show info messages	true
Show hot buttons	true
Show the Stop Out line	true
Multiply parameters by: >	Disabled

Buttons: Load, Save, OK, Отмена, Reset

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

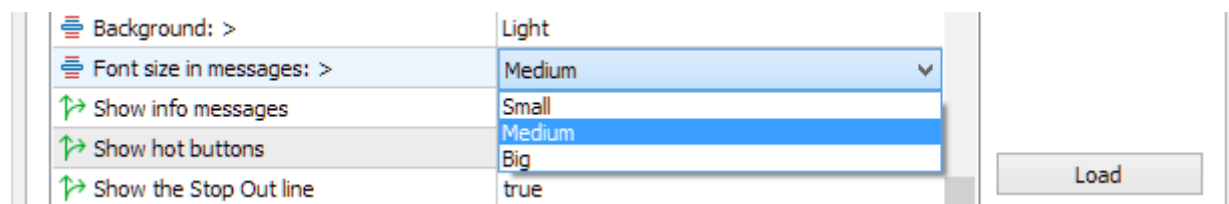
Language: = English – switch the language on the info panel can be English or Russian.

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.



A screenshot of a software interface showing a list of settings. The 'Font size in messages' dropdown menu is open, displaying three options: 'Small', 'Medium' (which is highlighted), and 'Big'. Other settings visible include 'Background' set to 'Light', 'Show info messages' (with a green arrow icon), 'Show hot buttons' (with a green arrow icon), and 'Show the Stop Out line' set to 'true'. A 'Load' button is visible on the right side of the settings panel.

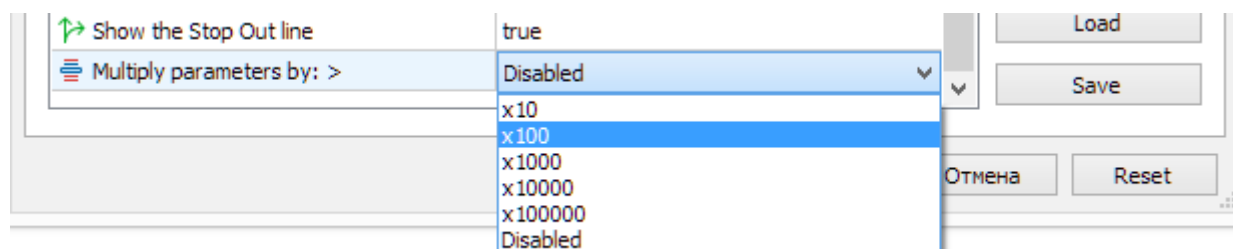
Show info messages = true - displays textual information about the financial status of the account and currently active commands on the chart, if false, it does not show messages.

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

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

Show the Stop Out = true -show the Stop Out line, only if the margin level is below 500%.

Multiply parameters by: = Disabled - disabled, select and set the desired multiplier.



A screenshot of a software interface showing a list of settings. The 'Multiply parameters by' dropdown menu is open, displaying several options: 'Disabled' (highlighted), 'x10', 'x100', 'x1000', 'x10000', 'x100000', and 'Disabled' (at the bottom). Other settings visible include 'Show the Stop Out line' set to 'true'. Buttons for 'Load', 'Save', 'Отмена' (Cancel), and 'Reset' are visible on the right side of the settings panel.

Select the necessary multiplier to automatically increase all the parameters in the EA by the required values for this instrument (stocks, futures, cryptocurrency, etc.).

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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