



INFINITY TRADE UTILITY for Trend Line indicator

(User's manual)

The trading utility includes three components in one. The utility in AUTO mode can trade as a regular expert Advisor. The Utility also represents a trading panel for opening and tracking orders based on the indicator signals in MANUAL or SemiAUTO mode. There is a set of money management settings for orders and visualization of transactions through the INFINITY TrendLine PRO indicator as well.

Utility settings are extremely simplified and easy-to-use. The main menu of the trading panel looks complicated, but quite intuitive and understandable even for a beginner.

The trading panel displays the basic settings on the screen for the convenience of the trader.

INFINITY TradeUtility_TL
 Magic: 1111 Comment: Tradeutility_TL
 Tradedirect: ANY LotType: Percent
 StopLoss: by Ind TakeProfit: by Ind
 Breakeven: OFF Trailing: OFF
 MaxSpread: 30 SuccessRate: 40.0
 MaxDeviation Of Price: 50
 ===== T r e n d L i n e P R O =====
 Amplitude: 5 MHB: 35
 MaxHistory: 500 ShiftPips: 100
 HTF-Filter: OFF SuperSignal: OFF
 Lot1: 1.0 Lot2: 0.0 Lot3: 0.0
 TP1: 0.2 TP2: 0.0 TP3: 0.0

Manual
SemiAuto
AutoTrade

OnlySELL
ANY
OnlyBUY

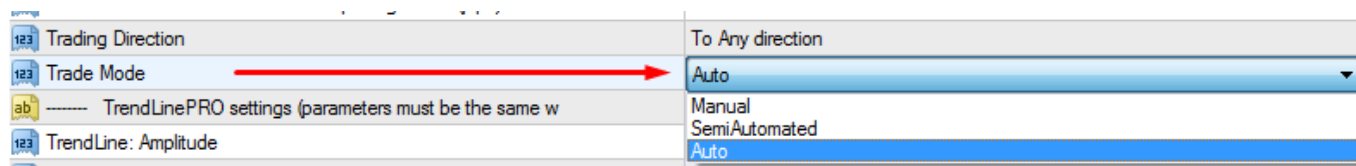
Indicator Signal:
No Signal

Confirm Signal
Skip Signal

Close All
EXIT

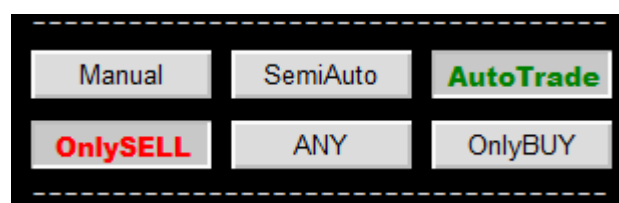
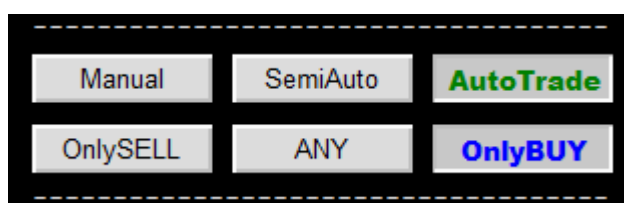
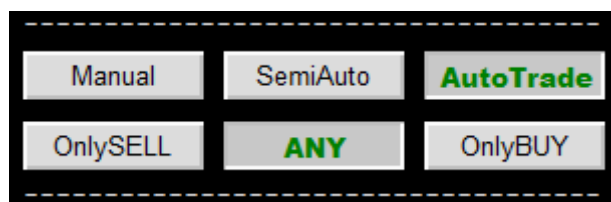
The utility works for several trading modes:

I. Automatic trading mode of the EA (AutoTrade)



When this mode is chosen the trading panels turns into AUTO TRADE (ANY) mode.

BUY only and SELL only trades are available.



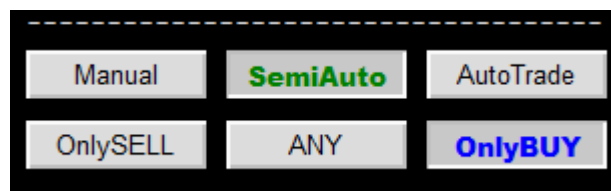
II. Manual trading mode of the EA (MANUAL)

This mode is set according to a previously configured template of TP and SL levels offered by TrendLine and other settings. When the signal is received, you only need to press the CONFIRM SIGNAL key and the orders and target levels will be set instantly. Or click to cancel SIGNAL SKIP.



III. Semi-automatic mode of the EA (SemiAUTO)

When the signal is received, the Utility activates the indicator signal on its own and sets the target TP and SL levels, then it switches to MANUAL mode. The user can choose which trade to take Only SELL/ANY/Only BUY. The trade will be closed automatically by TP, SL or the opposite signal of the indicator.



Setting up orders

This might be the most important part in trading, since your profit and risk depend on the order settings. The utility has three MM (Money Management) control parameters:

Fixed LOT (use this setting to apply a fixed lot)

123	Lot Type	Fixed
1/2	Lot Size for TP1	0.5
1/2	Lot Size for TP2	0.5
1/2	Lot Size for TP3	0.5

Risk % of Balance (risk calculation per StopLoss level to the account balance). This is set for each order, the allowable loss is set as % of the Deposit and the SL distance from the entry price. The further SL the smaller the trading lot is.

123	Lot Type	RiskPercentage of Balance
1/2	Lot Size for TP1	1.0
1/2	Lot Size for TP2	1.0
1/2	Lot Size for TP3	1.0

% of Balance (a certain percentage of the balance is set). The size of the trading lot is floating, depending on the increase or decrease of the account balance.

123	Lot Type	Percentage of Balance
1/2	Lot Size for TP1	5.0
1/2	Lot Size for TP2	5.0
1/2	Lot Size for TP3	5.0

You can set your risk amount for each order.

The distance of orders is set in the same way as in the TrendLine indicator. If the value =0, the order is not used.

Indicator parameters setting

<input type="checkbox"/> ---- INFINITY TrendLine PRO SETTINGS (must be the same) ...	
<input type="checkbox"/> Amplitude	6
<input type="checkbox"/> ExtremeRange for calc TP/SL-target (bars)	35
<input type="checkbox"/> TP1 (target level)	0.2
<input type="checkbox"/> TP2 (target level)	0.3
<input type="checkbox"/> TP3 (target level)	0.5
<input type="checkbox"/> ShiftPips for SL (SL=ExtremeRange+ShiftPips)	0

All parameters must match the indicator settings to correctly display trades and match the indicator and Utility signals.

Settings by TrendLine indicator are prior when INDICATOR is selected.

123 Use StopLoss and TakeProfit from	Indicator
123 TakeProfit	GeneralSetting
123 StopLoss	Indicator
123 Breakeven (0 - Breakeven don't use)	0
123 Trailing (0 - Trailing don't use)	0
Close the deal at the opposite signal	true
1/2 SuccessRate value for opening a deal for every TP (%. 0 - don't	40.0
123 Max-deviation of the SPREAD when opening a deal (pips)	30
123 Max-deviation of the PRICE when opening a deal (pips)	50
123 Trading Direction	To Any direction
123 Trade Mode	SemiAutomated

You can also use the TP and SL values in the utility Settings (General Setting).

In **GeneralSettings** mode all three orders will be closed at the same level of TakeProfit or StopLoss instead of calculating by the extremes of the ZigZag indicator. ***To create the effect of trading three orders with different TP sizes in General Setting mode, use three versions of the Utility on different charts of the same pair with different magic values.***

If you use several versions of the Utility and/or other bots on the same pair, the magic numbers for managing orders of different Utilities should differ by number. Otherwise, orders can be closed incorrectly by other bots.

Variable	Value
ab ----- GENERAL SETTINGS -----	
123 Magic	1111
ab Comment	TradeUtility_TL

Related parameters

Breakeven – the function converts the order into a breakeven area after the set value of pips.

Trailing - activates SL at a specified distance from the price above the entry point. This is actually a breakeven as well just following the maximum value of the price.

Close the deal at the opposite signal of indicator – if the value is active, it will close orders when the signal of the opposite trend is received (it is recommended to use the true value)

123 Breakeven (0 - Breakeven don't use)	50
123 Trailing (0 - Trailing don't use)	75
Close the deal at the opposite signal	true

TP1: 78 (83%)
TP2: 155 (60%)
TP3: 233 (48%)
SL: 488

SuccessRate – the success % is set, trading at any TP level is not available below this value. This value is displayed on the indicator panel for each TP and varies depending on the removal of the TP level from the entry point.

1/2 SuccessRate value for opening a deal for every TP (%. 0 - don't	40.0
123 Max-deviation of the SPREAD when opening a deal (pips)	30
123 Max-deviation of the PRICE when opening a deal (pips)	50

Max-deviation of the SPREAD – protection of spread deviation:



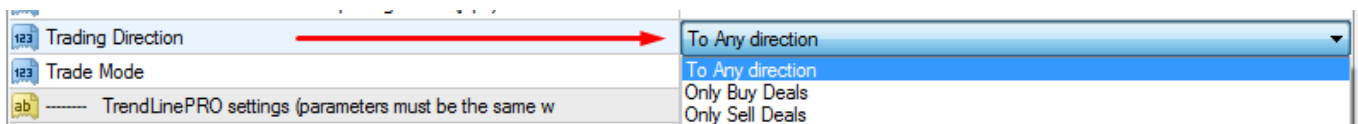
This parameter should be 3-5 times higher than the average spread on the trading tool from H1 and above and 1.5-2 times higher when scalping at M30 and below.

The real value of the spread on the pair and abnormal deviation can be measured by the indicator [INFINITY STATISTICS](#).

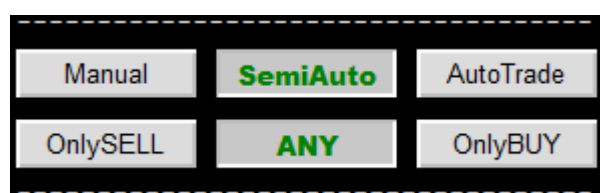


Max-deviation of the PRICE – this parameter is similar to the previous one. However, sometimes the trade cannot open at the indicator price. In this case, the Utility can try to enter the market within the signal bar and within the current parameter range. If the parameter is equal or less than the spread, the trade does not open. We recommend setting this value 2-3 more than the spread.

Trading Direction – with this parameter, you can select the trades, which the Utility completes by default in any trade mode. After changing the chart or pair or activating the Utility, these parameters are set as the main ones, but they can be changed in the trading panel on the chart.



Trade Mode – this is necessary to define the default trade mode. These parameters can be changed like Trade Direction, it can be changed at the Utility panel, at the chart. However, these parameters are set as major when changing the chart or the pair or when the Utility is activated.



<input type="checkbox"/> Unlimited time to make a deal	false
<input type="checkbox"/> Calculation Range (bars)	500
<input type="checkbox"/> Use Open/Close Time Filter	false
<input type="checkbox"/> OpenTime for Signal	00:00
<input type="checkbox"/> CloseTime for Signal	23:59

Unlimited time to make a deal - parameter allows you to confirm the transaction not only on the first bar, but at any time of the whole trend.

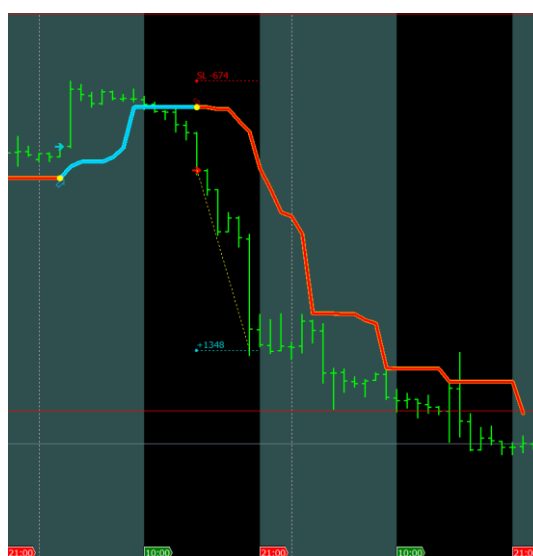
Calculation Range (bars) - parameter in the Utility settings is recommended to set no more than 500, so as not to overload the terminal memory.

Use Open/Close Time Filter - used to exclude new signals in the range of the 24 hour period. If a new signal falls within a selected range, it is rejected during calculations and notification.

Recommend to use intraday trading only.



Example_1: The Time Filter is turned off, as a result of which the indicator counts all transactions including nightly ones while the market is in flat and there are many false signals. **Result = 2565 pips**



Example_2: The Time Filter is set to "sleep" from 20:00 to 6:00. Such a setting has a positive effect on trade. **Result = 4044 pips**

Message notification

Notifications can be set differently (Alert/Push/Email) as in TrendLine indicator:

ab	Message notification	
<input checked="" type="checkbox"/>	AlertON	true
<input checked="" type="checkbox"/>	PushON	true
<input type="checkbox"/>	EmailON	false

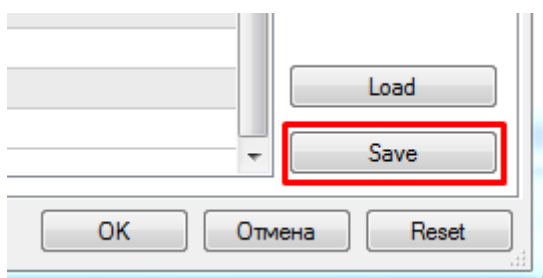
To learn how to set Push notifications go to:

https://www.metatrader4.com/ru/trading-platform/help/setup/settings_notifications

To learn how to set Email notifications go to:

https://www.metatrader4.com/ru/trading-platform/help/setup/setup_email

For ease of using TRADE UTILITY_TL individual settings for each pair or timeframe should be saved in *.set file



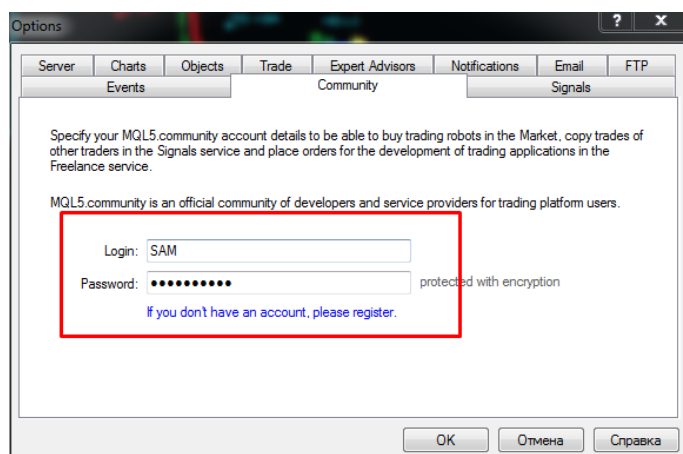
FAQ:

1. Why do we need the Utility?

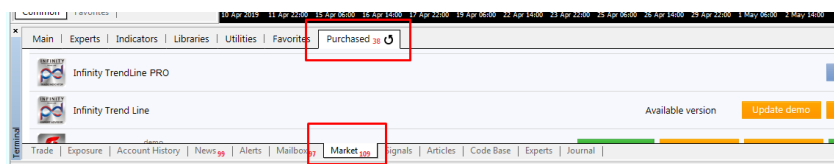
The utility is needed to open and track transactions in your scenario when a trader needs to make automatic or manual trades in a given trend direction.

2. How to install or update purchased INFINITY?

Log in to the MT4 terminal under your username and password ID on the MQL5.



Go to the Market folder and check the INFINITY in the Purchased folder. Install it on your MT4 terminal.



The INFINITY will be in the Market folder.



Attach the INFINITY to the chart.

3. What is the difference between the Utility and the EA?

Any trading robot contains some trading strategy in its logic and trades only according to the specified algorithm. The utility has another task, it performs the function of automatic support of the transaction, but does not perform trading operations for any one strategy. You can use the utility in a variety of ways (channel trading, trending / anti-trending, using the HTF filter or in your own strategy with classic indicators)

4. Why do the results differ from the rate of the Success Rate on the display when you run the utility in automatic mode?

The indicator counts the number of pips for each of the three TP or SL levels and does not take a spread, and the Utility counts the result in the Deposit currency. It all depends on the size of trading lots and leverage used. There are no such settings in the indicator.

Remember that the Utility is not an expert Advisor that you have attached to the chart and forgotten. The utility is necessary for you as an assistant in trading, but the decision on the transaction is yours.

The best trading results are achieved by using selective trading with different filters.

5. How is the Utility installed in the terminal and how long can I use it?

After payment, the Utility is automatically installed in your MT4 terminal and activated. You have 10 activations (one for each version of Windows. When you upgrade Windows or install on a new computer, the number of activations decreases.) Each activation (installation) has an unlimited duration.

6. Which mode is better for trading?

We would advise you to start with manual mode on a demo account, after which you can switch to semi-automatic mode and trade on a real account.

7. How do I know that the signal came from the indicator and it's time to open a trade?

You can configure the Utility to notify you by Alert or push notification or email.

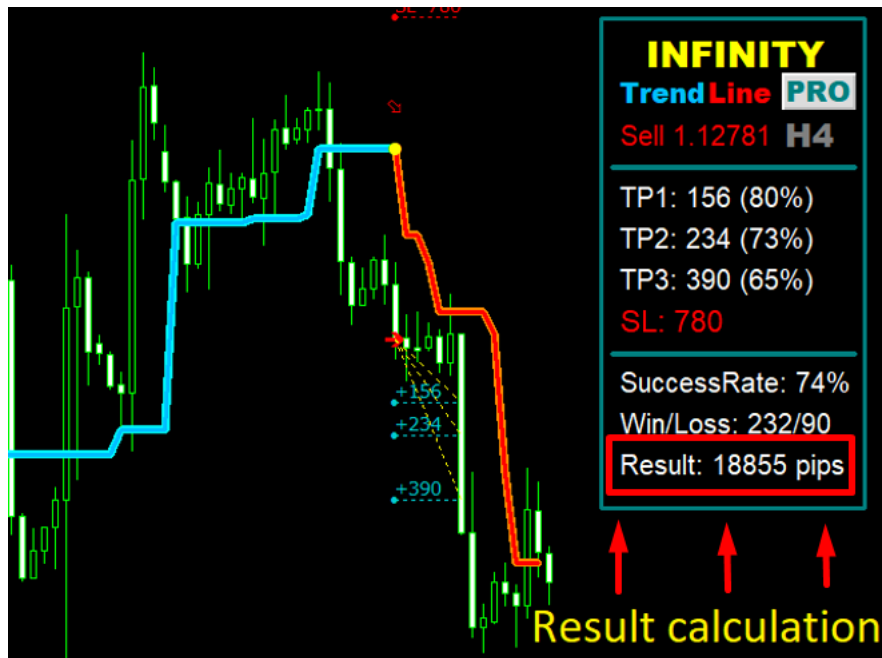
After receiving a signal in MANUAL mode, you need to make a decision to confirm the transaction or refuse the transaction.

In semi-automatic mode, the Utility will enter in the specified direction and then switch to manual trading mode.

8. How can I set the parameters of the utility correctly?

It is very important to set the same parameters for the INFINITY TrendLine PRO and Trace Utility indicator, then the trades and the indicator signals will be the same.

First, select the settings of the TrendLine PRO indicator so that the indicator panel has the maximum number of pips in the Result parameter for a sufficiently large period of Calculation Range (bars). I use the range from 3500 (half a year) to 7000 (year) for the H1 chart, for representativeness of calculations. Then, save these settings to *.set the file and transfer these settings to the utility settings.

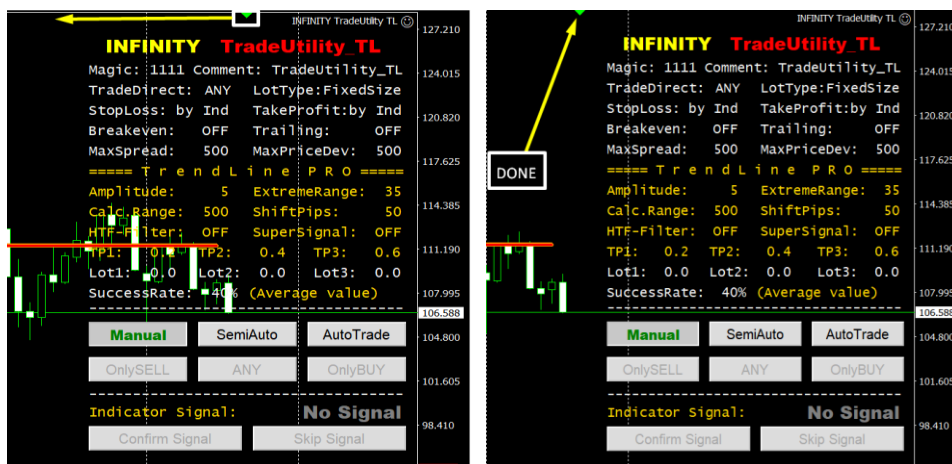


9. What parameters should I use to work with the utility?

It all depends on your target and your trading strategy. The TrendLine indicator and the Utility have many configuration options. You can scalp for 5-30 minutes or trade long on D1-MN1 or use your "secret" filters and settings.

10. How to move the edge of the candles when using Utility?

Pull the triangle in the upper right corner of the chart.



Any questions or errors identified in the INFINITY TrendLine_TL send to e-mail: profitcamp@mail.ru

We will appreciate your evaluation of INFINITY products on the market.

