

Name of advisor / expert © " **INTERSECTION EA** ", the respective trademarks and logos are trademarks of Kalinka Capital OU (Estonia).

Attention! This program is protected by copyright law and international conventions. Illegal copying or distribution of this program, or any part of it, may result in severe administrative and criminal penalties and will be prosecuted to the fullest extent of the law.

Copyright © " Kalinka Capital OU " All Rights Reserved 2008 - 2019



Forex advisor Intersection EA

- Current version: v . 2 .0
- Release Date: 1 5/01/20 21
- For use in the Meta trading terminal Trader 5 - MetaQuotes Software Corp.
- **Purpose** : trade automation for making transactions in the trading terminal according to a predetermined algorithm of the strategy embedded in the adviser's code and trading settings.
- **Quotations Type**: 5 (1.12345) digit quotes.
- **Types of trading accounts** : ECN , NDD , Pro ,Standard , Cent ... all types of accounts supported by the Meta trading platform Trader 5.
- **Currency pair** : AUDUSD, AUDCHF, AUDJPY, AUDCAD, CADJPY, EURCAD, EURJPY, EURUSD, GBPCAD, GBPUSD, USDCAD, USDCHF, USDJPY

Instructions for use for Meta Trader 5.

Specifications and minimum requirements.

- **Leverage** : from 1:30. It is recommended to use for best results with minimal risks 1: 100 - 1: 200. To achieve maximum results, it is recommended to use 1: 500 with a load on the first position of no more than 1% of the deposit. How to establish the necessary volumes regarding your deposit and the number of tools used, read below in the instructions.

Fixed lot size	0.1
Margin % for lot calculation (0 - to use...	1

Attention! The use of leverage of 1: 500 and higher increases the load on the deposit and increases the risk of losing the deposit when using the withdrawal at no loss / averaging.

- **Money Management** : automatic control of the trading position volume to enter the market relative to the size of the trading account balance. It is possible to switch to a fixed volume - the " Fixet " parameter lot size " .
- **Limiting losses** : entering the market with positions with StopLoss .

- **Hedging and averaging** : Withdrawal at no loss / averaging is disconnected at the request of the trader . Hedging of unprofitable positions partially or fully due to the profit obtained from closed positions according to the specified parameters in the trading settings of the hedging module " Hedging module settings "
- **Used time frame**: H 1, H 2, H 4, H 8 to enter the market. For each timeframe in a set, trade settings are attached. Not all specified time frames may be suitable for the used currency pairs. Included settings can be offered only for a specific time frame suitable for a particular currency pair, taking into account its features.
- **Recommended minimum deposit**: trading with StopLoss of at least \$ 100 for each currency pair for a lot of 0.01. When trading using output at no loss / averaging, at least \$ 250 for each currency pair for a lot of 0.01.
- **Installation**: file format. ex 5 is installed in the "Advisors / Advisors " trading terminal folder . The folder is accessed via the navigation menu of the Meta trading terminal. Trader 5. How to install an adviser in a trading terminal, read on our website in the FAQ section.
- **Trading settings**: are delivered on the currency pairs specified at the beginning of this manual and on the advisor [description page](#) on our website.
- **Indicators**: search for a formed divergence or convergence by the instrument traded on a specific time frame. The algorithm of the advisor's work has the ability to select one of 21 (!) Market analysis strategies / classes. At the same time, 1 or 1 + 1 indicator out of 21 embedded in the code is used. The adviser for each of the 21 strategies / classes uses a certain combination of a group of indicators and the calculation of levels. we we will list everything used by indicators list - Accelerator, Accumulation / Distribution, Average Directional Movement Index, Average True Range, Awesome oscillator, Bears Power, Bulls Power, Commodity Channel Index, DeMarker , Force Index Momentum, Money Flow Index Oscillator, Relative Strength Index, Standard Balance, Standard Deviation, Relative Vigor Index. Additionally, indicators are being recalculated with predetermined ratios of volumes, open / close / maximum / minimum prices according to a given formula developed by traders together with our company's programmers. The indicator is selected in the advisor settings via the drop-down menu.
- **Types of transactions**: positions in the market SELL , BUY . For each currency pair and the selected time frame, the types of transactions differ depending on the behavioral factors of the selected instrument. In each trading setting, the necessary type of transaction is already pre-installed and no action or adjustment of this parameter by the user is required .
- **Informational content** : output to the chart of levels of fixation of total profits, voice notification about opening a position in the market and fixing profits. Info panel with indicators of a given target profit, current profit, and net profit, taking into account closed and open positions relative to a given date in the settings.

Description of forex trading strategy advisor Intersection EA.

Intersection EA is a fully automated program (trading robot) that performs trading transactions in the foreign exchange market in accordance with a given algorithm and individual trading instruments settings for each instrument. Intersection EA is perfect for both beginners and for professionals who have a solid experience in trading in the financial markets.

The trader has 21 (!) Strategies / classes of search for divergence and convergence with different time intervals, from technical to fundamental analysis, which allows entering the market and fixing profits within a day or keeping deals fundamentally from several days to several weeks, moving along the trend and taking away all long-term market movement.

We have developed several strategies and a number of trading settings, especially for managing traders of PAMM accounts and personal investors who manage their capital personally.

Trading strategy: Entering the market is a search for a formed divergence or convergence by the instrument traded on a specific time frame. The algorithm of the advisor's work has the ability to select one of 30 (!) Market analysis strategies / classes.

Trading options - scalping , intraday trading, long-term trading - a fundamental movement with the analysis of older time frames.

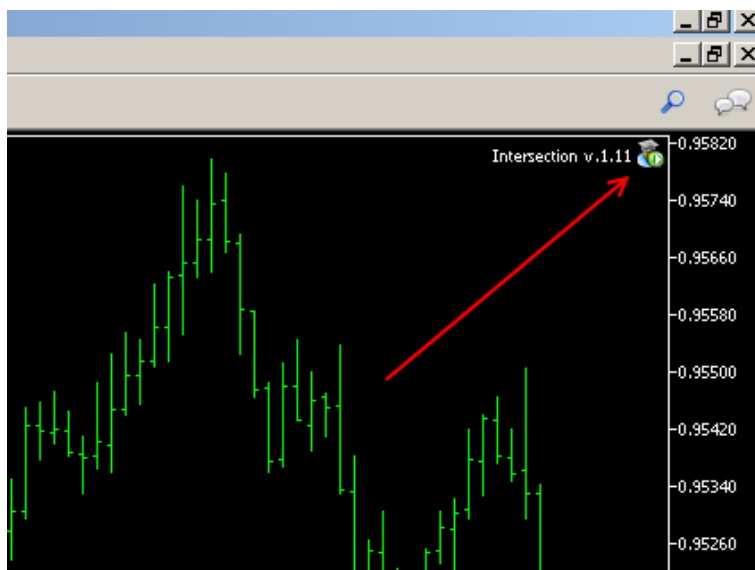
Parameters and trading settings

The Expert Advisor uses **52 (!)** Parameters for adjusting trade settings. Further we will tell about each setting with a detailed description of the results obtained.

The EA settings window can be opened in the Meta terminal. Trader 5 in two ways.

3

1. Double-click the left mouse button on the adviser symbol in the upper right corner of the chart where the adviser is installed.



2. Call the advisor settings menu via the F7 key.

After opening the advisor's settings window, you can manually change any parameter available in the settings, or load the ready-made trading settings supplied in the kit you purchased via the "Load / Load " button .

Intersection v.1.11 1.10

Common Inputs Dependencies

Variable	Value
Hour of trade beginning	0
Minute of trade beginning	30
Enable trading stop time	true
Trading stop hour	23
Trading stop minute	0
Trading stop hour on Friday	18
Trading stop minute on Friday	0
Fixed lot size	0.1
Margin % for lot calculation (0 - to use...	5
Amount of bars for TakeProfit	10
Minimal TakeProfit in points	80
To fix profit when trend changes	true
StopLoss, points	150
Amount of bars for opening block (0 - ...	5
Time of position's life in minutes (0 - to...	15
Candle size for entry filter (0 - to disa...	300
Trail enabling	true
Trail start in points	100
Averaging enabling	true
Amount of position drawdown in points	200
Averaging profit in % from the deposit	1
True-lot is calculated in % from balanc...	true
-----> SAR indicator settings	
Step	0.02
Maximum	0.2
-----> Intersection indicator settings	
Type Indicator	RSI
number of steps backward	0
level of Demark points; 2 = central ba...	5
level of Demark points; 2 = central ba...	1
Period	14
Method	Simple
Shift	0
Price	Median price
Number Buffer	0
Fast EMA Period for MACD, OsMA	12
Slow EMA Period for MACD, OsMA	26
Signal Period for MACD, OsMA	9
K period for Stochastic	13
D period for Stochastic	5
Slowing for Stochastic	3
Price for Stochastic	Low/High
b	0.7
ShowBars	100
-----> Hedging module settings	

Load Save

OK Отмена Reset

Given the flexibility of the EA's trading settings, you can also change the trading settings yourself, creating your own individual trading algorithm.

1 Beginners are recommended to work with the adviser for some time on a demo account .

MODULES

Target profit from a given date - the best solution to the main task of managers!

Traders of our parent company Forex Invest Group OU was tasked to create a multi-tasking module of the target profit. Which should conduct calculations from a given date and take into account profits / losses on closed positions, positions in the market and the number of currency pairs used during the accounting

period. This task was completed, and this module was implemented by Intersection. EA as part of our customers, as well as traders Forex Invest Group OU, manages the funds of investors.

Properties of the module and its actions.

- Accounting profit loss from the starting date set in the settings.
- Total counting for all open and closed positions on the trading account, regardless of whether the transactions were opened or closed by Intersection EA, third-party robots / advisors, scripts, or manually.
- Permanent accounting of the profit / loss balance by the number of used and used currency pairs in a given period.
- Profit fixation through the closure of all transactions on the account upon reaching a predetermined threshold to achieve the target profit.
- Using this module, the account balance can be changed in any direction, both in the increase and decrease. Intersection EA will respond to these changes and make the appropriate adjustments to the calculations in accordance with the changes. Which in turn greatly relieves the load from managers trading on PAMM accounts.

Loss hedging module.

The action algorithm was very lacking for traders who trade with the use of output at no loss (averaging). Now there is no reason to worry about the possible decline of the deposit due to the lingering problem with a losing position, and its debts by withdrawing to the total profit on the same instrument. In that case, if a problem losing position appears suddenly or the account balance "sank" by 10% or more, the module is activated. Recall though the trading strategy for divergence and convergence is one of the most profitable strategies with more than 95% profitable trades, but losing trades are rare, but they occur.

Now, with the help of a loss hedging module, losing positions are removed by making profit with other tools. And in most cases, even before the output module is triggered at no loss / averaging. Due to this module, the possible drawdowns of the deposit have been halved together, and the profit factor and the expectation grow.

Restriction of trade in time.

For each currency pair, the start and end time of the search for the entry point is specified, during the period of greatest activity and the maximum likelihood of the analysis execution accuracy. As a result, periods of unstable trading of a currency pair and the provision of spontaneous influence of other instruments on the exchange rate of the currency pair being traded are excluded as much as possible.

ADVICE PARAMETERS, TRADING SETTINGS

All trade settings are available for changes and optimization in the INTERSECTION advisor EA .

Hour of trade begining = 0; Hour start trading in the new trading day. The time from which the forex advisor is allowed to open trades in the presence of a signal.

Minute of trade begining = 30; Minutes of the start of trading on new trading days. The time from which the forex advisor is allowed to open trades in the presence of a signal.

Enable trading stop time = true ; Activation of the function of the end of trading on the current day. With the active function, the adviser will close all profitable positions, except for averaging positions in profit. True = feature is active, false = feature is disabled.

Trading stop hour = 23 ; The hour of the end of trade .

Trading stop minute = 00 ; Minute end of the trade .

Trading stop hour on Friday = 18 ; The hour of the end of trading on Friday . Time on Friday, in which the adviser will close all profitable positions, except averaging ones . **The function is always active and does not turn off.**

Trading stop minute on Friday = 00; Minutes of the end of trade on Friday. Time on Friday, in which the adviser will close all profitable positions, except averaging ones . **The function is always active and does not turn off.**

Fixed lot size = 0.1 ; Fixed lot size .

Margin% for lot calculation (0 - to fixed lot) = 0.1; % margin for calculation lot (0- fixed . lot)

Amount of bars for TakeProfit = 10; The number of completed bars to determine the level of TakeProfit . The maximum or minimum price of completed bars / candles of the working time frame is taken.

Minimal TakeProfit in points = 80; Minimum TakeProfit . The value in points. It is set by the specified parameter if the minimum or maximum of completed bars / candles is in the negative zone of the position being opened.

To fix profit when trend changes = true; Fix profit at shift trend . When the function is active, positions are opened without a set TakeProfit , the position will be closed at the signal of a trend change against the open position and a position will be opened in the direction of the newly formed trend. True = feature is active, False = feature is disabled.

S topLoss , points = 150; Level of loss reduction for the StopLoss level specified in points . **Function is active at UseAverage = false .**

Amount of bars for opening block (0 - to disable) = 5; Qty. bars of the ban discoveries positions (0 is disabled) . For a period and a specified number of bars / candles, it is prohibited to open new positions in the same direction in which the position on the same instrument was closed. The function counts from the bar / candle on which the last position of the instrument was closed .

Ti , e of position's life in minutes (0 - to disable) = 15; Time of life position min Uta (0- disabled) . Time limit open position in the market. When the set parameter is reached, the position will be closed if it is in profit. If the position is in loss, the adviser will wait until the position reachesthe minimum profit of about 1 point and close it.

Candle size for entry filter (0 - to disable) = 300; The size candles filtering input (0 is disabled) . The value in points. If the size of the completed candle is greater than the size specified in the settings and the candle is directed against the direction of the position being opened, the signal to open the position will be ignored and the position will not open.

Trail enabling = true ; Enable trawl . True = trail enabled. False = use trawl disabled.

Trail start in points = 100 ; Value at points . When a position reaches a profit of more than a specified value, the trawl will be activated and wait for a signal from the indicator to install and modify the trawl.

Average enabling = true ; Enable averaging / output at no loss. True = feature is active. False = function is switched off, the position opened with StopLoss on the set in the settings level billing StopLoss.

Amount of position drawdown in points = 200 ; The size drawdowns positions at points . If the value is greater than or equal to the specified value, the adviser will wait for a signal to open a position for output to the total profit of a loss-making position.

Averaging profit in % from the deposit = 1.0 ; Profit averaging / total profit averaging in% of the deposit .

True-lot is calculated in% from balance, False-lot is set to = true; Volume openable positions averaging . True-lot by percentage of balance, False-fixed lot equal to the previous position .

Parabolic SAR Indicator Settings

Step = 0.02; ParabolicSAR indicator default setting

Maximum = 0.2; ParabolicSAR indicator default setting

SETTING THE DIVERGENCY AND CONVERGENCE SEARCH MODULE

Type indicator = | dropdown menu | . A choice of 21 indicators is offered.

Number of steps backward = 0 ; Offset in the number of steps back. Very fine tuning. It is recommended to use in the range from 0 to 3.

Level of Demark points; 2 = central bar is above (below) the 2 bars to the left = 5 ; level points DeMark . Example : 5 = central bar will be above (below) five bars on the left);

level of Demark points; 2 = central bar is above (below) the 2 bars on the right = 1; level points DeMark . Example: 1 = the central bar will be higher (lower) than one bar to the right);

P eriod = 8; The period of the indicator.

M ethod = | dropdown menu | ; averaging method.

S hift = 0; shift average.

P rice = | dropdown menu | ; type of price.

Number Buffer = 0 ; The number of completed bars / candles in the buffer from the current.

Fast ENA Period for MACD , OsMA = 12; period fast average .

Slow ENA Period for MACD , OsMA = 26; period slow average .

S ignal period for MACD , OsMA = 9; period signal lines .

Kperiod for Stochastic = 13; period the lines By.

D period for Stochastic = 5; period the lines D.

S lowing for Stochastic = 3; slowdown

P rice for Stochastic = drop down menu ; type of prices.

b = 0.7; averaging value for calculating the arithmetic mean value. **It is not recommended to change, very fine tuning. Before changing a value that differs from the recommended developer settings, check the results in the strategy tester.**

S howBars = 100; the number of bars / candles, on the working time frame, which will be used to analyze the market. 0 (zero) - all available history is used in the trading terminal.

SETTING THE HEDGING MODULE

ATTENTION! When using a hedging module when trading on multiple currency pairs, the module should be enabled on only one Expert Advisor, as well as the module of the target profit. On all other advisers installed on other pairs, **turn off (!) Everywhere** .

Enable hedging ; true - module is enabled, **false** - module is disabled .

Position drawdown in points = ten; drawdown of the position in points , after which the position will be listed on the hedge queue at the expense of the gained profit.

Hedging coefficient = 0.8 ; hedging ratio . A part of the profit is set, which will be used to cover the loss in the most unprofitable position.

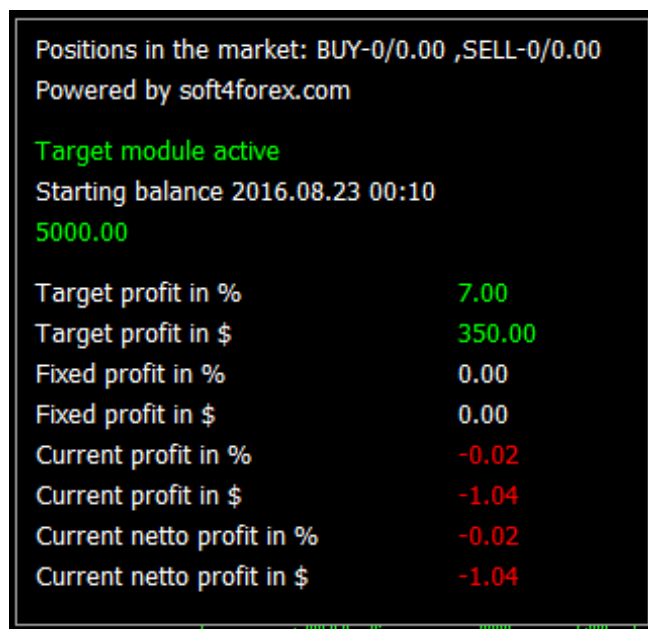
Example: the parameter is set to 0.8, the profit is fixed at \$ 100. Part of the profit in the amount of \$ 80 will be used to cover the loss of the most losing trade, and \$ 20 dollars will remain on the account balance. A value of 1.0 corresponds to the use of all the profits, for the last closed deal, to cover the loss of the losing trade itself.

Attention! When fixing the total profit by the positions used in averaging, the resulting profit is not used by this module to cover losses on the most unprofitable transaction.

Intervals = 5 ; the interval of the request for the state of an account to find the most unprofitable position in seconds.

Deposit drawdown in % to enable (0 - to disable) = 10; deposit deposit in% subject to more than a specified parameter, the module wakes up from sleep mode.

SETTING THE TARGET PROFILE MODULE



The screenshot shows a trading terminal window with a black background and green and red text. At the top, it says 'Positions in the market: BUY-0/0.00 ,SELL-0/0.00' and 'Powered by soft4forex.com'. Below that, it says 'Target module active' in green. Then, 'Starting balance 2016.08.23 00:10' and '5000.00' in green. A table follows with profit and loss data. The table has two columns: the first column contains labels for profit and loss in percentage and dollars, and the second column contains the corresponding values. The values for target and fixed profit are 0.00, while current and current netto profit are negative values.

Target profit in %	7.00
Target profit in \$	350.00
Fixed profit in %	0.00
Fixed profit in \$	0.00
Current profit in %	-0.02
Current profit in \$	-1.04
Current netto profit in %	-0.02
Current netto profit in \$	-1.04

Enable target profit ; true - the module is active . **False** - the module is turned off.

To use date and time for control values ; true - taking profit from the specified start date for calculating profit / loss. **False** - counting and recording profits within the day. Every new day, the results of the previous day are reset, and the calculation starts again, taking into account the current situation on open positions in the market.

Attention! In the case of multi-currency trading (trading several instruments) when using this module, it should be active only on one of the used charts. On the remaining charts in the advisor settings, it should be turned off. See the description of the module on page №3 of this manual.

Date / time of control values ; The date of commencement of the profit / loss account to achieve the established target profit. After fixing the target profit, you need to set a new date corresponding to the latest date of fixing the target profit. The date must be set if " **To use date and time for control values** " = **true** .

9

Target profit in % for each pair = 1.0 // target profit in % for each instrument separately.

The Target profit in % for the day for date / time control = 1.0 // target profit in % of balance sheet accounts on set date .

Example: the parameter is set to 1.0. During the accounting period until reaching the target profit, the adviser used 7 currency pairs to trade. The module will take into account the number of used currency pairs and multiply them by the percentage of target profit set in the settings. The result will be a target profit of 7%.

Recommended when using the target profit within the day " **To use date and time for control values** " = **false** , do not overstate the % target profit, but proceed from the calculation of the total profit in the range of 1-2% in total for all used instruments. When using the target profit based on the specified starting date " **To use date and time for control values** " = **true** to proceed from the calculation within 10-15% of the total target profit for all used tools.

INFORMATION PANEL SETTINGS

To show panel = true ; Show panel on graph = True . Do not show the info panel = False .

Background color ; background color info panel.

SizeFont = 10; Font size

Font Color ; Font color

Color of positive values ; Positive color

Color of negative values ; Negative color

OTHER SETTINGS

To enable the position opening sound ; On line sound on opening positions . True = Voice is enabled. False = voice guidance is turned off.

Sound file used for position opening ; The name of the sound opening position in the market.

To enable the profit closing sound ; Turn on the sound to close the profit position. True = Voice is enabled. False = voice guidance is turned off.

Sound file used for profit closing ; The name of the sound file fixing profit position.

To enable the loss closing sound ; Turning on the sound to close a losing position. True = Voice is enabled. False = voice guidance is turned off.

Sound file used for loss closing ; The name of the sound file fixing a loss-making position.

To enable the hedge pos . closing sound ; The inclusion of sound partial closure of the volume of a loss-making position using the professional position. True = Voice is enabled. False = voice guidance is turned off.

Sound file used for hedge pos . closing ; Sound file name work hedge module .

M agic number ; Position ID

Order comments ; By PURPORT to orders . Reflected in the terminal in the column "comments".

Slippage ; allowable slippage at the price of the order to the price of execution by the broker in points.

" In the trading settings for the adviser, the default files are installed with voice guidance in English . To select a Russian voice track, change the text of the file with the text eng to rus . "

Attention! All trade settings are linked to the GMT +2 time zone . If the time of your broker's terminal has a different time zone, you need to adjust the parameters **Start Trade Hour , Stop Trade** relative to GMT +2 +/- the difference of your broker's time zone.

Trade settings files, updates

Included with the advisor are the trading settings for currency pairs specified on the advisor [description page](#) on our website . Trade settings are located in the " Trade Settings " folder , which is located in the advisor's folder / archive with the name "EA_ Intersection " that you received after payment .

When new forex updates of Intersection EA advisor or trading settings for it are released, we will notify you in the newsletter of our website or send updates to your email address registered when you purchased the advisor.

Optimization of trading settings

The bundle you purchased has a "for_optimization _ magelan " file , which contains a predefined set of optimized setting ranges. You can optimize several or one settings that you define by ticking the selected parameter in the advisor properties settings window in the terminal tester.

If you have questions and you are not sure that you will be able independently to configure or select optimization parameters, contact the administrators of our tech. support on our.

Our recommendations: we recommend to follow the rules of deposit risk management. For each currency pair on a position with a lot size of 0.01, you need a \$ 100-250 deposit. For example, if you decide to enter the market with a volume of 0.5 lots, you need to make calculations to determine a sufficient deposit for trading. When using automatic lot calculation, we recommend not to exceed the total value in the **Margin % for setting lot Calculation (o - to fixed lot)** in total for all currency pairs **not more than 1 .o** .

.....

Our contacts:

Website: <https://www.mql5.com/en/users/kalinkakapital/>

Online chat technical support is available on pages of our site.

The working hours of technical support on working days, from Monday to Friday, from 10 -00 to 19 -00 on GMT +2.

We wish you profits!

Trading on Forex and other financial products is highly risky and can lead to significant losses. Trading in the market may not be suitable for everyone. You need to be aware of all the risks when asking for help from independent financial advisers if you have questions or doubts.



ENOUGH OF THINKING!
ROBOTS WILL DO IT FOR YOU!

11

Name of advisor / expert © " **INTERSECTION EA** ", the respective trademarks and logos are trademarks of Kalinka Capital OU (Estonia).

Attention! This program is protected by copyright law and international conventions. Illegal copying or distribution of this program, or any part of it, may result in severe administrative and criminal penalties and will be prosecuted to the fullest extent of the law.

Copyright © " Kalinka Capital OU " All Rights Reserved 2008 - 2019