

Pro Scalping is a manual system developed for the most efficient trading at any market conditions using the "buy low sell high" principle. The system consists of two main logical blocks: the block of trend determination and the block of price deviation from its median to find the most favorable points to enter the market.

Visualization of both actual and past signals is an important part of any manual system which is necessary to analyze its efficiency at the instrument with particular settings. The main signal is shown by arrows in many indicators. It gives appearance of high profitability but actually the price of enters much worse than it seems on the history. In Pro Scalping system past signals are shown by rectangles roughly limiting the time as well as the price range of signal forming.

Important note: rectangles arise only after the signal is exhausted and they are used to analyze the efficiency of the system in the past. For trading please use the indicator Buy Now/ Sell Now on the top of the chart or look after the price deviation and its position in relation to trend and signal lines.

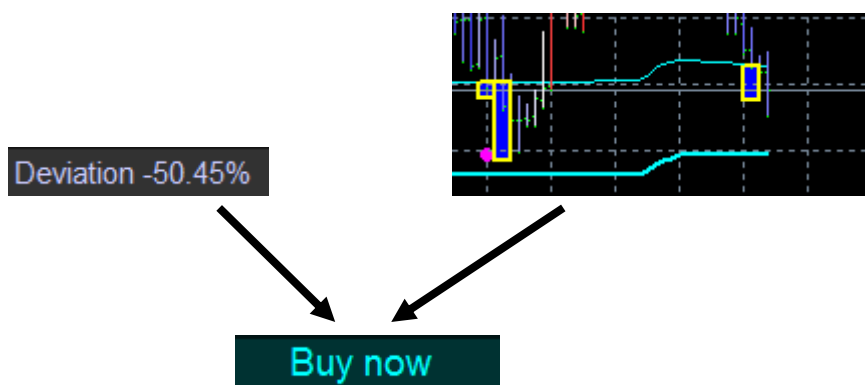
Entry signals

The system generates entry signals in trend direction in close vicinity to support/resistance. The vicinity to trend line is determined by signal line that is calculated on the base of standard deviation.

Entry rules for buy:

1. Trend goes up (the price is above the thick blue line).
2. The price is situated in the turning zone (the price is below the signal thin blue line).
3. The deviation is negative and its modulo is higher than the value determined by settings (for example 50%).

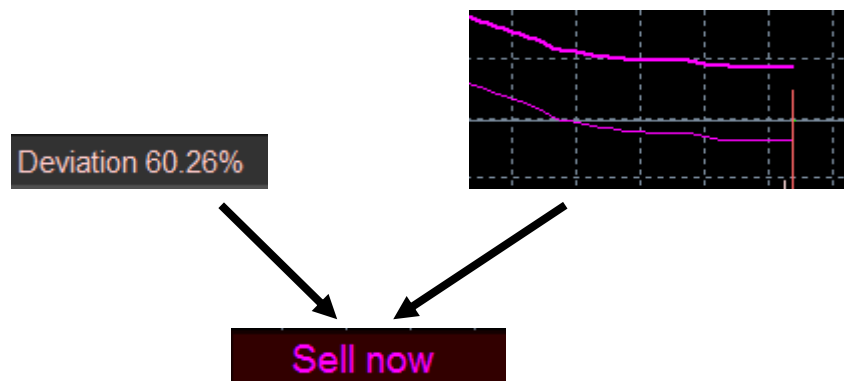
At the fulfilment of conditions you will see the message «Buy Now» on the top of the chart and also you will get alert and notifications if they are ON in settings.



Entry rules for sell:

1. Trend goes down (the price is below the thick magenta line).
2. The price is situated in the turning zone (the price is above the signal thin magenta line).
3. The deviation is higher than the value determined by settings (for example 50%).

At the fulfilment of conditions you will see the message «Sell Now» on the top of the chart and also you will get alert and notifications if they are ON in settings.



Close trades

The profitability of the system at any market succeeds by different exit rules in the case of continued trend (the mode of scalping in trend direction) and in the case of trend turning (the mode of trading inside the channel)

Exit signal is labeled by bubble of corresponding color.

If the trend doesn't turn, exit at the price reaches the wished deviation in trend direction (for example 50% for buy and -50% for sell).

Example of trading at up trend:



Example of trading at down trend:



If the price break through the trend line (the trend turns), exit at conditions of opposite entry is fulfilled.

Example of trading at flat:



There are situation in the example when the opposite signal was not form and the trend occurs again. Then we close again by deviation.

Buttons

Show panel

To show the panel of buttons for visualization setup and market review.

Color Chart

ON/OFF bars coloring in accordance with price deviation from its median.

Show boxes

To show rectangles of entry signals on the chart.

Show closes

To show bubbles of exit signals on the chart.

Market review

Turns on the review dashboard that shows trends and deviations for 28 majors and crosses at time frames from M5 to D1 and also entry signals for them.

Parameters

To open the panel of system's settings which allows one to change parameters right from the chart excepting re-initialization.

Find best parameters

To carry out optimization of trend parameters at the OptimizationPeriod.

Apply

To apply settings after they are changed.

Parameters

ShowSignalBoxes

To show signal rectangles.

ColorBars

To color bars correspondingly to price deviation from its median.

ShowCloseSignals

To show close signals by bubbles.

BarsCount

The depth of history for calculation. This parameter has no impact on the current signal (at 0 bar) if it is > 500.

RegressionDegree

The degree of regressions used to calculate price deviation from its median.

DeviationFactor

The coefficient of price deviation.

ScalpingPeriodCoeff

The period's coefficient of regressions. A big set of regressions of different period is used for calculation. The period vary from 20 to 200 and is multiplied by *ScalpingPeriodCoeff*.

SignalColor

Deviation percent that is necessary to form entry signal.

CloseColor

Deviation percent that is necessary to form exit signal.

Dynamic_Period

The period of volatility for calculation of signal line.

Dynamic_Range

The coefficient of volatility for calculation of signal line.

MinBoxSize

The minimal size of signal rectangles in points. This parameter is needed for good visualization at high time frames in the case when the price break through the signal line only for a few points (such a rectangle wouldn't be visible).

TrendCalcPeriod

The period of moving averages used for trend detection.

TrendCalcMethod

The type of moving averages used for trend detection.

0 - Simple Moving Average

1 - Exponential Moving Average

2 - Wilders Moving Average

3 - Linear Weighted Moving Average

4 - Triangular Moving Average

5 - Least Square Moving Average

6 - Smoothed Moving Average

7 - Hull Moving Average

RangeCalcMethod

The method of trend channel calculation to determine support and resistance.

1 - Bollinger

2 - Envelopes

3 - ATR

BandsRange

The coefficient of trend channel width to determine support and resistance.

OptimizationPeriod

The depth of history for optimization of trend parameters. Press "*Find best parameters*" button to carry out the optimization.

Alert_Open

To show alert at entry signal.

Alert_Close

To show alert at exit signal.

SendMail_Open

To send e-mail at entry signal.

SendMail_Close

To send e-mail at exit signal.

SendPush_Open

To send push notification at entry signal.

SendPush_Close

To send push notification at exit signal.

Market review dashboard

Press "Market review" button on the panel to see the market review dashboard.

The forming of the review may take few seconds and first launch takes more time. At that the terminal freezes. Thus it is recommended to open the dashboard at one chart.

There must be not more than 10 000 bars in chart in MT4 settings to use the dashboard. Otherwise it would take too much memory loading history for all pairs and time frames.

The dashboard is not refreshed automatically to reduce the computer's job. You need to close and open it again to refresh.

The dashboard uses the parameters from the current chart at which the dashboard was launched. All parameters of the system are dynamic and are suitable equally good for all instruments and time frames.

EURUSD	M5	M15	M30	H1	H4	D1
GBPUSD	M5	M15	M30	H1	H4	D1
USDCHF	M5	M15	M30	H1	H4	D1
USDJPY	M5	M15	M30	H1	H4	D1
USDCAD	M5	M15	M30	H1	H4	D1
AUDUSD	M5	M15	M30	H1	H4	D1
EURAUD	M5	M15	M30	H1	H4	D1
EURCAD	M5	M15	M30	H1	H4	D1
EURCHF	M5	M15	M30	H1	H4	D1
EURGBP	M5	M15	M30	H1	H4	D1
EURJPY	M5	M15	M30	H1	H4	D1
EURNZD	M5	M15	M30	H1	H4	D1
AUDCAD	M5	M15	M30	H1	H4	D1
AUDCHF	M5	M15	M30	H1	H4	D1
AUDNZD	M5	M15	M30	H1	H4	D1
AUDJPY	M5	M15	M30	H1	H4	D1
GBPJPY	M5	M15	M30	H1	H4	D1
GBPNZD	M5	M15	M30	H1	H4	D1
GBPCHF	M5	M15	M30	H1	H4	D1
GBPCAD	M5	M15	M30	H1	H4	D1
GBPAUD	M5	M15	M30	H1	H4	D1
NZDJPY	M5	M15	M30	H1	H4	D1
NZDUSD	M5	M15	M30	H1	H4	D1
NZDCAD	M5	M15	M30	H1	H4	D1
NZDCHF	M5	M15	M30	H1	H4	D1
CADCHF	M5	M15	M30	H1	H4	D1
CADJPY	M5	M15	M30	H1	H4	D1
CHFJPY	M5	M15	M30	H1	H4	D1

● ● The color of time frame corresponds to the current trend.

■ The color of underlining is the current deviation of the price from its median.

└ Entry signal is displayed by yellow angle.

Gray color means the lack of history for the time frame of the symbol.

You can use the dashboard either for the searching of signal or for determination of signal strength of the symbol.

Relatively weak signals

EURUSD	M5	M15	M30	H1	H4	D1
GBPUSD	M5	M15	M30	H1	H4	D1
USDCHF	M5	M15	M30	H1	H4	D1
USDJPY	M5	M15	M30	H1	H4	D1
USDCAD	M5	M15	M30	H1	H4	D1
AUDUSD	M5	M15	M30	H1	H4	D1
EURAUD	M5	M15	M30	H1	H4	D1
EURCAD	M5	M15	M30	H1	H4	D1
EURCHF	M5	M15	M30	H1	H4	D1
EURGBP	M5	M15	M30	H1	H4	D1
EURJPY	M5	M15	M30	H1	H4	D1
EURNZD	M5	M15	M30	H1	H4	D1
AUDCAD	M5	M15	M30	H1	H4	D1
AUDCHF	M5	M15	M30	H1	H4	D1
AUDNZD	M5	M15	M30	H1	H4	D1
AUDJPY	M5	M15	M30	H1	H4	D1
GBPJPY	M5	M15	M30	H1	H4	D1
GBPNZD	M5	M15	M30	H1	H4	D1
GBPCHF	M5	M15	M30	H1	H4	D1
GBPCAD	M5	M15	M30	H1	H4	D1
GBPAUD	M5	M15	M30	H1	H4	D1
NZDJPY	M5	M15	M30	H1	H4	D1
NZDUSD	M5	M15	M30	H1	H4	D1
NZDCAD	M5	M15	M30	H1	H4	D1
NZDCHF	M5	M15	M30	H1	H4	D1
CADCHF	M5	M15	M30	H1	H4	D1
CADJPY	M5	M15	M30	H1	H4	D1
CHFJPY	M5	M15	M30	H1	H4	D1

Reliable signals for sell (trend goes down at all higher time frames)

Panel of settings

You can change the main parameters of Pro Scalping system right from the chart. "Apply" button becomes maroon after you write a new value. Click it to apply changes.

RegressionDegree	<input type="text" value="1"/>
DeviationFactor	<input type="text" value="1.00"/>
ScalpingPeriodCoeff	<input type="text" value="0.30"/>
SignalColor	<input type="text" value="50"/>
CloseColor	<input type="text" value="50"/>
Dynamic_Period	<input type="text" value="200"/>
Dynamic_Range	<input type="text" value="0.20"/>
TrendCalcPeriod	<input type="text" value="100"/>
TrendCalcMethod	<input type="text" value="1"/>
RangeCalcMethod	<input type="text" value="2"/>
BandsRange	<input type="text" value="0.20"/>

The parameters of the block of trend determination which you can optimize

The parameters of the block of trend determination are marked by light gray. An optimization can be applied for them by pressing "Find best parameters" button. The optimization takes from few seconds to one minute. At that the terminal freezes. The optimization of all parameters is not used because it would take too much time.

Trading recommendations

The system is well suitable for all instruments and time frames from M5 to D1. Spread could eat up to half of profit at M1, thus I don't recommend to trade at M1. The impact of fundamental cycles is very significant at W1 and MN and technical analysis works bad on such time scales.

As it was mentioned above you can use the review dashboard to increase the reliability of enters. If the signal is in opposition to trends of all other time frames it is better to skip such a signal.

Look after news all the time. If you plan to open a trade at M5 check the presence of news for 2-3 hours in future. If a trade at H1 there desirable to be no important news for a day in future. Remember that the higher time frame the more time could be needed for the forming of a good exit point. And it is extremely desirable to exit before news

Be careful entering in a short time after news. If the signal forms due to strong move at news it is better to skip this signal because the move can continue. Remember that news like speech or press conference have a duration.

Do not open trades later than in 2 hours after NY opening in the case of intraday trading. Otherwise there could be no enough volatility for exit.

It is admissible to use grids in tandem with Pro Scalping system. It can be dense grid in the range of signal forming or grid with big step beyond the signal.

I use grids beyond the signal with step of 10 points for M5, 20-30 points for M15, 30-50 points for H1. At this I don't use lot multiplier. It allows me to use relatively small step.

Choose lot size in such a way that the load of deposit doesn't exceed 30% at trading 10-15 pairs simultaneously. There is no point to trade 1-2 pairs by big lot. It is better to trade all pairs by small lot to have a possibility to outstay and to average loss if necessary.

Signal can often arise at several correlated pairs simultaneously. For example at all pairs with GBP. It means that the reason of signals is in the move of pound which can continue for all pairs. Thus it is recommended to open trades for 1-2 of these pairs choosing the most reliable signals from the review dashboard.