

You need to deliver the source codes, then leave me full ownership of the indicator, leaving me 100% copyright on it (for use, sale, publish or anything other) by accepting the job you accept this

The indicator must necessarily use #property strict and OnCalculate function. Do not use dll.

Leave all parameters external

Remember that it is necessary to deliver the indicator without errors

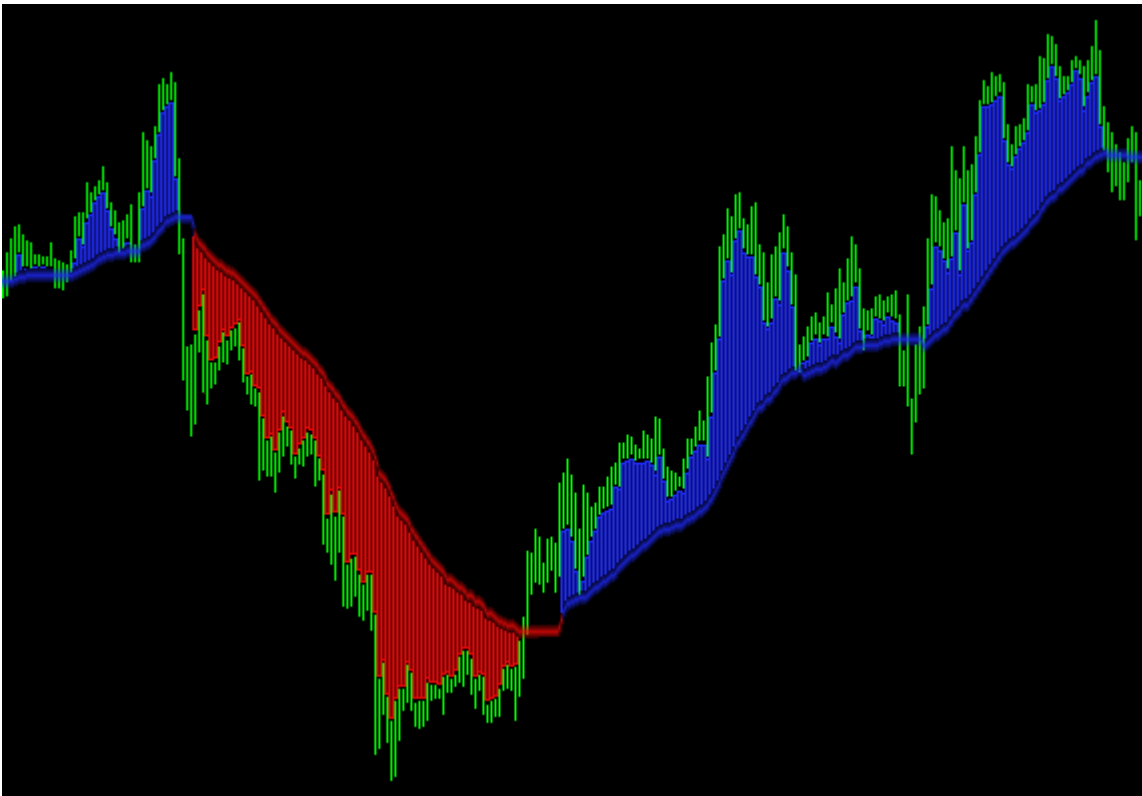
Indicator must be in MQL4 and MQL5 (MT4 and MT5 platform)

Base Rules

The indicator is based on "Moving average"

But totally replaced by a histogram (moving average must be not visible from in the chart)

Example image: (the indicator will be similar to this, but not in all details)



How to do?

Connecting the "Low" price when the MA is below

Then connecting the "high" price when the MA is above

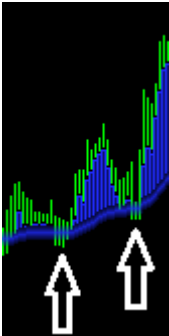
Default MA value: 50 periods, Linear weighted, Price Median

Additional rules:

- Trend change direction only if 10 consecutive bars are outside the histogram!

I try to explain it better...

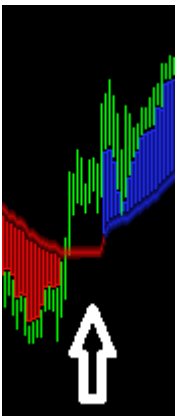
Check the image below



In this image 3 candles are out of the histogram (MA), they pierce it -> however in this case, the signal will not become short

As to become short signal (and the histogram in red) we need 10 candles (variable from settings!!!) which consecutively pierce the histogram.

Example image for a trend change:

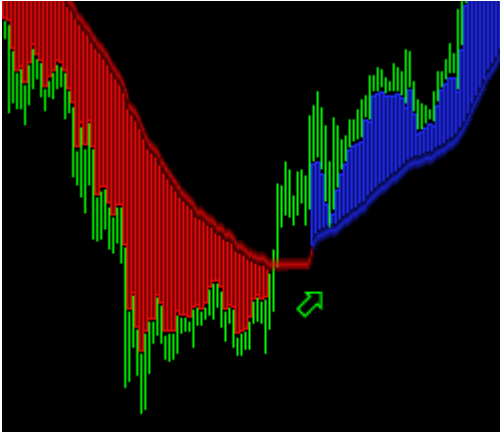


Then in this case, we have 10 candles (variable from settings!!!) which are consecutively out of the short histogram -> So, the indicator change "Trend" and change "Color" (to blue in this case)

Arrows

The arrow appears when the trend changes, (of the histogram) so if we have a downtrend, we have a red arrow, otherwise green arrow

Example image:



You can see the Green Arrow, appear as soon as the new up trend is start

Important: arrows must be Buffers

Colors

The color of the "sell" histogram and of the "buy" histogram must be Red and Blue

Instead, the arrow colors must be Red (short trend) and Green (long trend)

Others Rules and elements

Insert object trend lines, 6 bars long (-----), as in image: (ignore the arrow)



+ a text with TP 1 and SL 1 written

They will act as a stop loss and take profit

But it will not be just 2, it will be 5 for take profit and 5 for stop loss

So TP1, TP2, TP3, TP4, TP5 and SL1, SL2.....

At these predefined distances:

$TP1 = 0.8 * AtrDistance$

$TP2 = 1.1 * AtrDistance$

$TP3 = 1.5 * AtrDistance$

$TP4 = 2.1 * AtrDistance$

$TP5 = 3.0 * AtrDistance$

$AtrDistance = ATR(14 \text{ Periods, Current timeframe})$

Same for Stop Loss

The distance must be calculated from the bar open price (the bar with the Arrow!)

Note: Please enter the option to disable any take profit and stop loss, and the option to change the distance

(Colors lime and red, dimension 1)

Panels and Statistics

The indicator will be equipped with a small information panel

This panel indicates these info:

- Percentage of success
- Number of Positive signals
- Number of Negative signals

it is positive if the price touches the take profit first and it is negative if the price touches the stop loss first

Example of the panel:

Indicator Name	
Description	Data
Accuracy	95%
Positive	179 of 189 signals
Negative	10 of 189 signals

(not use the same style and text, is only an example)

Important: Enter percent of success as a buffer, so that it can be easily “captured” by the market scanner

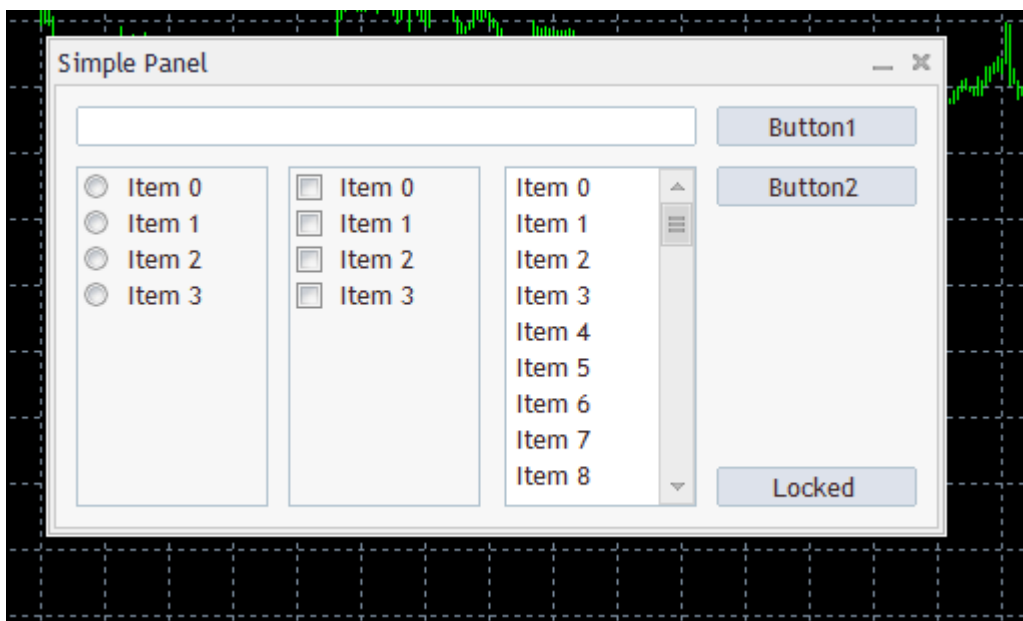
Further Settings

- put the option to disable the histogram
- put the option to disable the arrows
- put the option to disable the red and green targets lines
- Put the option for hide the Info Panel
- leave all the MA settings customizable
- remember, the MA and its buffer must not be visible
- Enter the ability to activate or deactivate: Signal Alert, Push notification on phone, email notification, beep sound (on the arrow signal)
- Enter the maximum limit of 3000 bars to apply the indicator (editable from settings)

Market Scanner

The market scanner must be a separate indicator (file), moreover, it must incorporate the indicator, so that it can also be used without having the indicator in the platform. (#resource)

It must be in window format, as in the image:



You can find this example in indicators -> Examples -> SimplePanel

So with the possibility of reducing it and closing it

Then in this specific case the scanner must be similar to this:

INDICATOR NAME + SCANNER				
	M1	M5	M15	M30
EURUSD	69.23	63.71	69.60	75.86
GBPUSD	67.94	70.48	70.25	74.38
AUDUSD	65.93	72.57	69.29	67.97

On the left the pairs and on the right the timeframes

All buttons must be clickable, in fact if I click on "EURUSD" text, the chart must be change on EURUSD chart

If I click on M1 Timeframe, the chart must be change on M1 timeframe

If I click a button in the intersection of M15 and GBPUSD, the chart must be change on M15 GBPUSD

It also has to color the selected timeframe and pairs in blue, as in the attached image

Symbols	M1	M5	M15	M30
EURUSD	67.52	70.95	70.57	74.38
GBPUSD	70.29	70.25	79.01	74.38

The numbers inside the buttons indicate the "success rate"

The number inside can be in 2 colors:

- White: if the success rate is more then 60%
- Black: if the success rate is lower then 60% (this amount, "60%" It must be customizable from external settings)

The buttons color instead identifies the trend of the last signal (if downtrend -> red dot -> "clrTomato" button)

Up trend = Lime button

If the signal has occurred in the last 5 bars (variable from settings), the color of the button will be more dark, so for example for near Downsignal will be clrCrimson, for near upsignal will be clrDarkGreen.

Note: the scanner must be compatible with any Suffix and Prefix

Others Market scanner settings:

Symbol: string with symbols separated by comma

Timeframe M1: true/false

Timeframe M5: true/false

..... (others timeframes)

Number of bars for recent signals: 5 by default

Minimum acceptable success rate: 60% by default

Signal Alert: true false -> It can show any signal that occurs in ANY timeframes and pairs indicated in settings (also for phone, email and beep sound)

Push notification on phone: true false

email notification: true false

beep sound: true false

Panel positions...

Text font size...

Colors...

Main Indicator Settings...

Before delivering, perform these checks

Check that there is no error divide 0 or Array out of range, and that the indicator works on:

- Backtest with all ticks, control points and only open price
- Backtest in some timeframe
- Backtest with some financial instruments (pairs and indices)

Market Scanner:

- Check for errors
- Check that it can work without the indicator in the platform
- Check if it interferes with the main indicator, if both are in the chart (delete objects, modify buffer etc ...)
- Check that by adding multiple pairs and timeframes, it doesn't get too slow

Also try to open many charts to see if the indicator continues to work correctly, or if it breaks