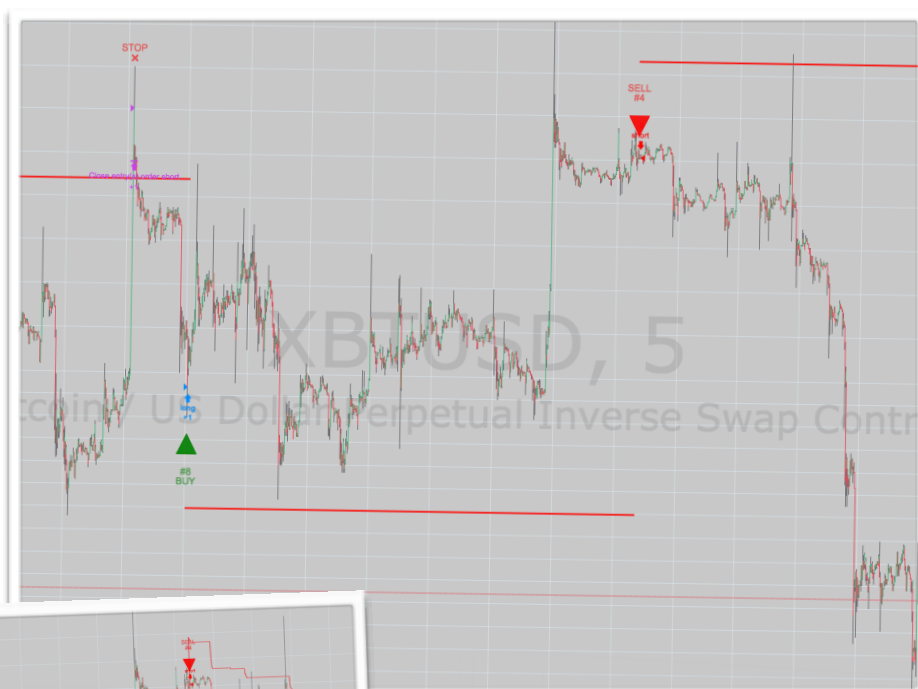# BOT for AUTOVIEW

XBTUSD - Bitmex - 5 minutes

CEO's WORDS

It is with great pleasure that I come personally to inform you of two more new developers in our project.

We have another great programming professional and a strong investor as advisor to further improve our strategies.

In this new update, we will not update the signals, which are always aimed at improving the inputs, removing possible conditions that indicate delayed / advanced inputs and outputs, and adding new signals.

We are extremely concerned about the safety of the new signals to ensure the best operations, mainly because the Bitcoins market is highly volatile and undergo major changes suddenly.

In this update, we released in the setup some values of some indicators used, giving better and greater options so that you can configure as you like, remembering that by default it is already configured with the best options for the market at the moment.

Unfortunately this update took longer than expected to be released due to my health condition, I needed to undergo 2 surgeries, an arthroscopy in the knee and later another on my shoulder, making it impossible for me to work with the keyboards for 3 weeks.

During that time, I made the team focus on some operator safety options such as **STOP LOSS**, **TRAILING STOP**, **TAKE PROFIT** and **TRAILING TAKE** that are now available in the bot setup along with the values that can be changed from the indicators used .

So, I look forward to the recovery of my shoulder so that I can return to improvement of the signs.

INDICATORS

We use in our bot, many indicators for the construction of the signs, which are:

. RSI (Relative Strength Index)

. WTB (Wave Trend with Bands)

. Bollinger Bands (de 21 e 200 periods)

. EMA - Expoential Moving Average (high and low) 9 e 21 periods

. SMA - Simple Moving Average (high and low) - 9 e 21 periods

. EMA and SMA of 200 periods

. Hull Moving Average

. Parabolic Sar

. Pivot Points (Daily)

All of these indicators are also available for lifetime subscription, and at a 50% discount for subscribers to this bot.

By inserting the indicators into your chart you can visually follow the signs and thus also collaborate in creating, changing and improving them.

STOP LOSS

STOP LOSS has been added to favor those anxious and cautious traders, who still do not trust the signals and want to protect their operations, it is configurable both for their visualization and for the definition of their values as shown in the figure below:

Intuitively it already defines when it appears on the buy signals or the sales signals.

If the price goes against the operation it is activated at the crossing of the red line in the chart as in the figure below:

It is easy to use and understand, so any intermediate level trader will have no problems.

TRAILING STOP LOSS

Like **STOP LOSS** we also add the **TRAILING STOP LOSS** option to those avoid operators who feel good when using it.

It is configurable in the setup, however it must be careful that it is independent of **STOP LOSS** and has 2 values to configure, Initial and the price variation that you want to follow.
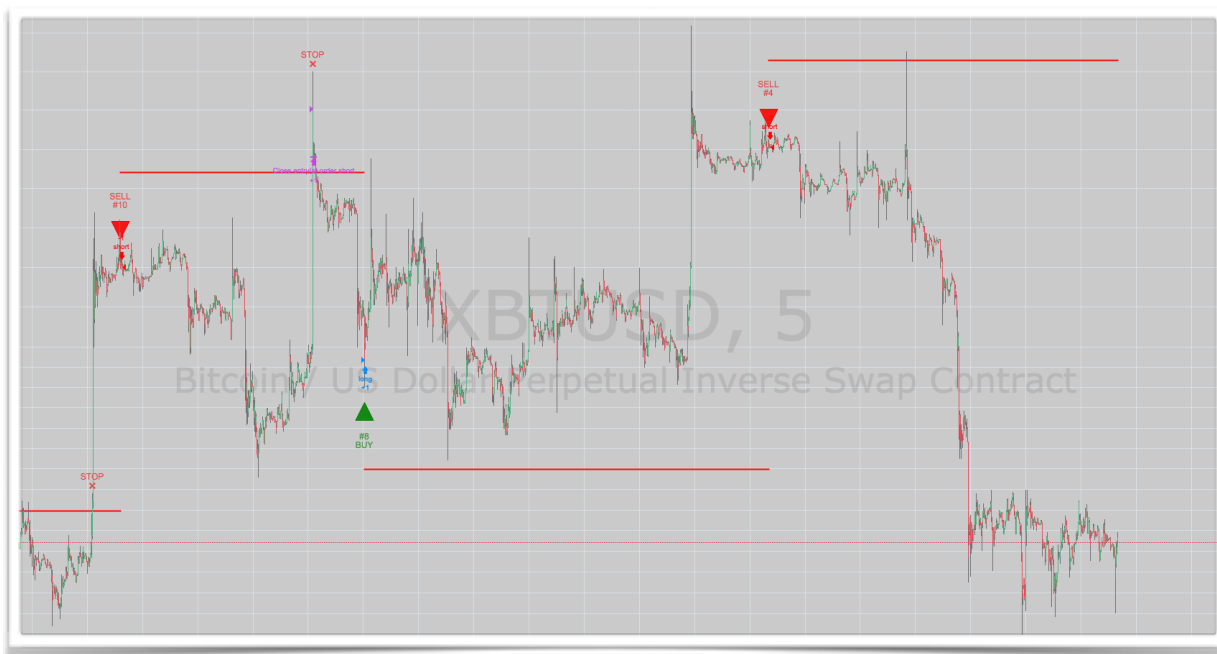
The basis of calculation is the closure of the m5 candle, since we indicate to just execute the orders in this way.

The image below shows the editable fields in the setup.

And visually it looks like the following image.

It's important to remind them to study their backtest configuration a lot *

In the image above we can see that the operations were closed with profit but in the operation of long we could have a greater profit if Trailing Stop Loss had not connected.

* - There are differences between the backtest and actual as is already known to advanced traders.
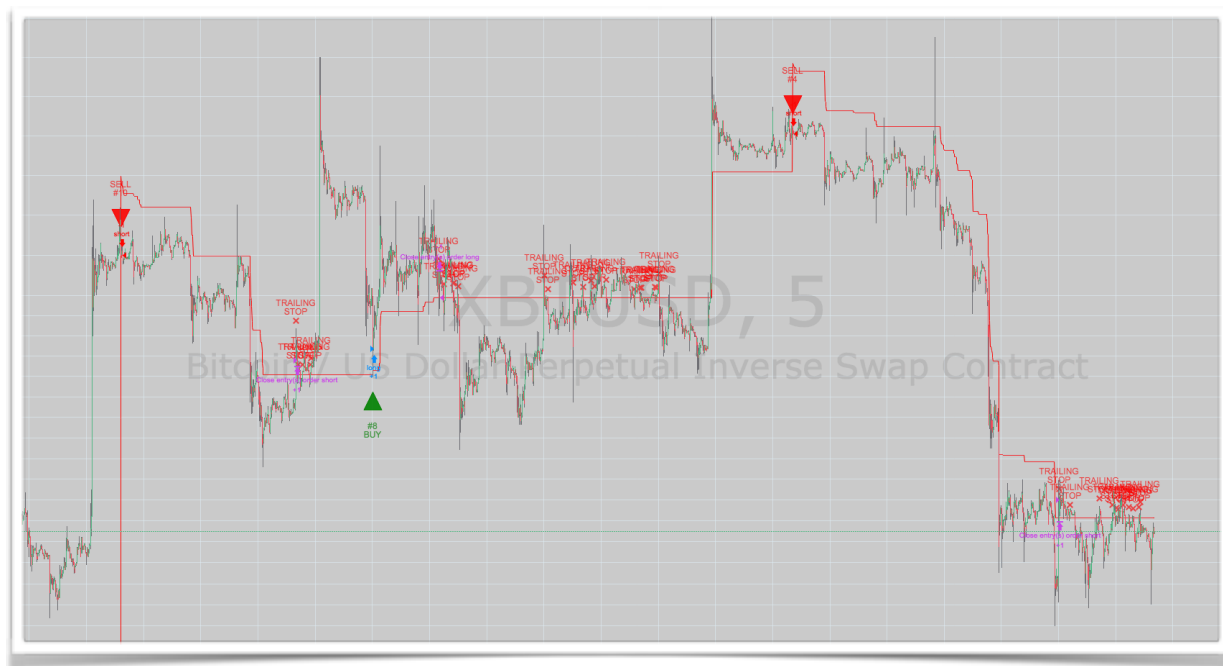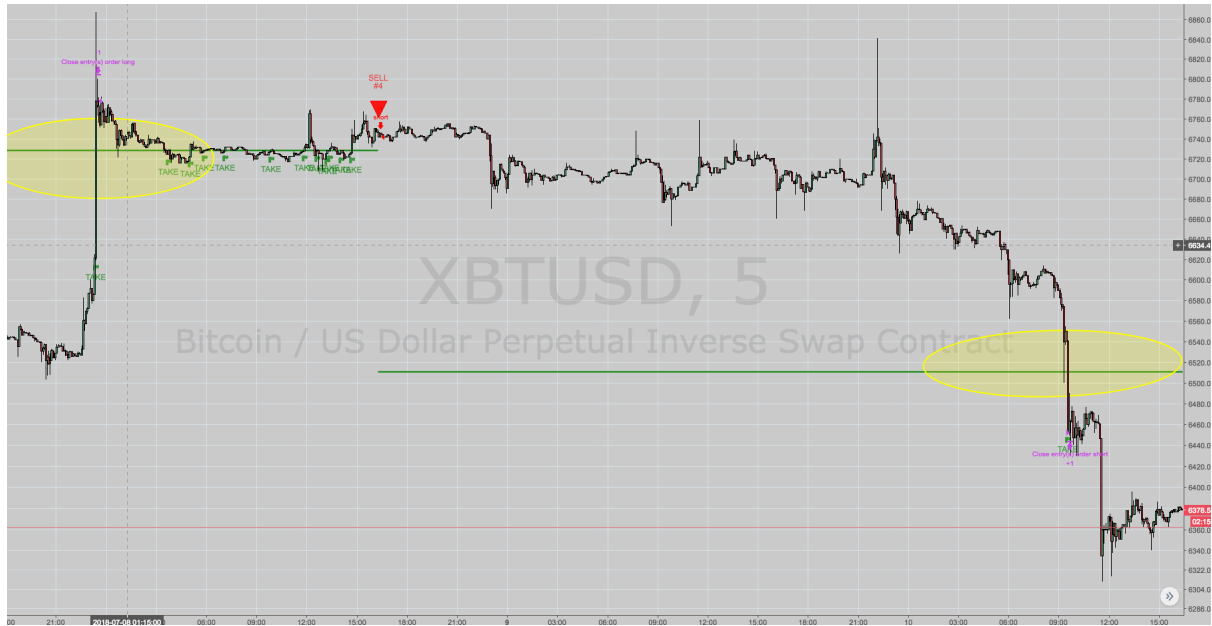
TAKE PROFIT

Also configurable via setup but with one more detail.

The closing of the operation can be done in two different ways:

1. Imediatamente ao cruzar a linha verde

In this way the transaction will be closed as soon as the price reaches the defined value, making it impossible to change the value, be it Take Profit or Stop Loss.

2. <u>After crossing in the opposite direction to the movement of the operation</u>

In this option the operation will only be closed after crossing the price in the opposite direction of the operation, thus allowing a new adjustment of the signals to better values, both Take Profit and Stop Loss.
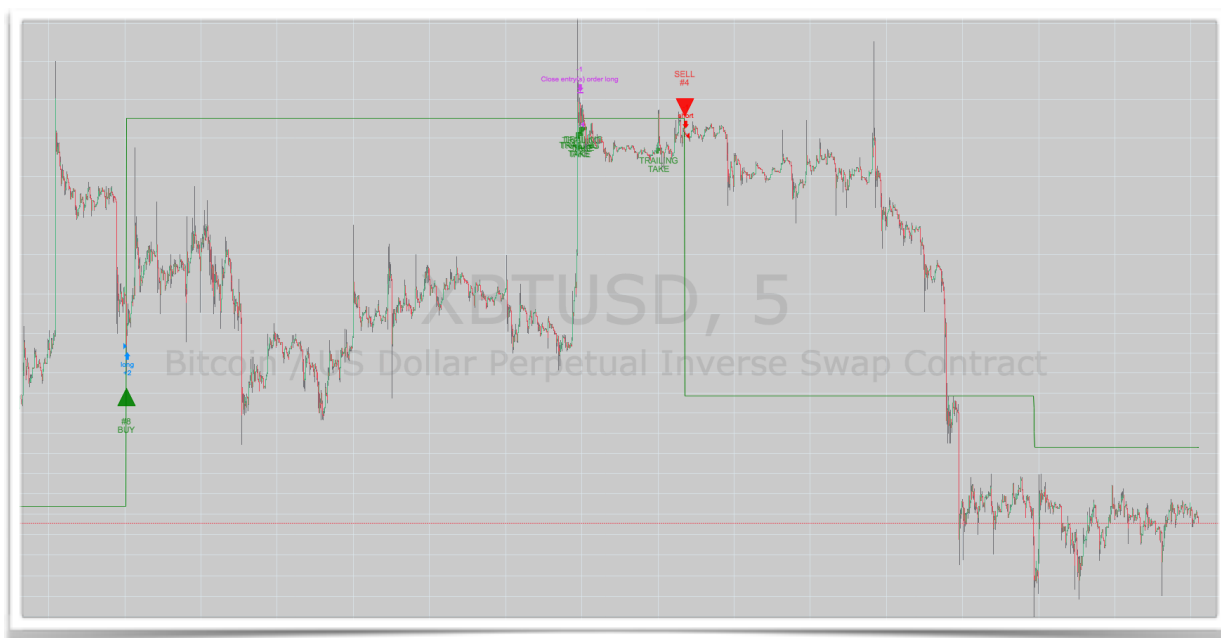

TRAILING TAKE PROFIT

It works as *Trailing Stop Loss* but for *Take Profit*. In this option *Take Profit* a preset price-based variation.

The values are adjustable in the *setup*, as shown below.

In the **Start Trailing Take With a (In%**) will be the initial value and it will only start tracking the price after the **Variation Of The Trailing Take (In%)** is greater.

The image below shows the example.

Note that in the purchase operation the trailing take profit did not change, because the price did not get 2% above the initial value, already in the purchase operation, which is still in progress, the trailing was not reached and it was changed to a lower value.

In the image below we use an initial value of 4% and a variation of 1%.
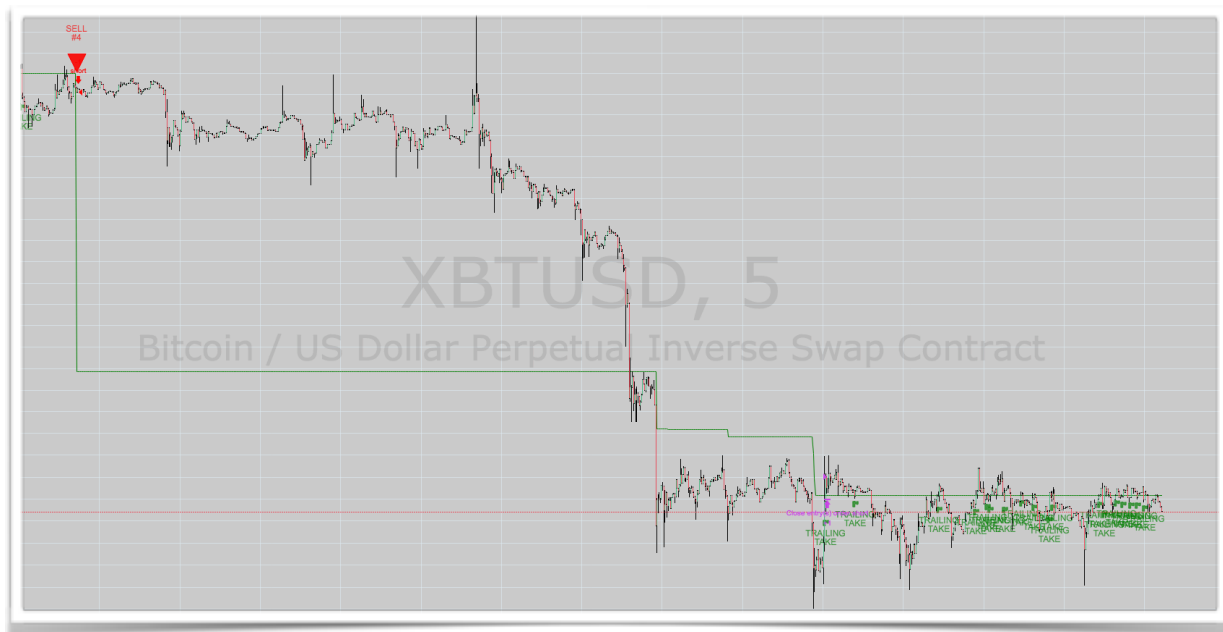
In this case, the trailing changed and remained at 1% of the lower closing, consequently the operation was closed at the moment the price crossed the green line.

STUDYING THE STRATEGY

We always point out to our subscribers that the strategy study should always be performed before the total configuration of our bot, and to expand the possibilities that we inserted these various configuration options.

In particular for the Backtest (Strategy) we put two options to facilitate the decision making in the configuration of the signals. Making it possible to choose to operate against the trend (which we do not indicate) or favor.

In the downtrend, the ideal is to sell in the signs of sale and close the operations in the signs of purchase, in a high tendency, the reverse.

In case of Bitmex, where the pair is Inverse Contract, in a bearish scenario the only way to protect the operation is the short x1, but the preference and the risk will depend on each operator.

Below is the explanation of each script's Backtest (strategy)

1. <u>LONG in BUY SIGNAL</u>

The backtest will simulate the execution of a purchase order every time a BUY SIGNAL appears on the chart

2. <u>SHORT in SELL SIGNAL</u>

The backtest will simulate the execution of the sales order every time some SELL SIGNAL appears on the chart.

Thus, we have the option to work in the bearish scenario selling on the sell signals and closing the operation on the buy signals, in a bullish scenario we have the option to buy in the buy signals and close the operation in the sell signals and if the choice is a turned hand leave both options enabled.

<u>Transferring strategy to STUDY script</u>

Also as it is known to all subscribers, the configuration of order execution depends solely on the operator and Autoview *, where the command line will be placed in the message field of the Tradingview alert, thus following are some options for the options described above.

BEARISH TREND

1. *SELL SIGNAL*
a=account e=bitmex s=xbtusd b=short q=qty t=market/limit

2. *BUY SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market/limit

BULLISH TREND

1. *BUY SIGNAL*
a=account e=bitmex s=xbtusd b=long q=qty t=market/limit

2. *SELL SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market/limit

TURNED HAND

In this option we must put 2 commands separated by an *ENTER* or by the special character |.

The first command must be to close the position and the second to execute the desired order, we advise that the closing be market, thus making the order to be executed immediately, since the command of the new position can be made for *limit* or *market*, it depends only on the choice of the operator, and we also advise you to use the delay command with 2 seconds interval, so that the closing order of the position is executed, the new calculated balance and the new order are free to execute.

From the experience of our team, when we do not use the delay, the orders can not be executed or executed in a partial way or even only decreasing the position if the quantity is smaller.

1. *BUY SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market | a=account e=bitmex s=xbtusd b=long t=market/limit delay=2

2. *SELL SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market | a=account e=bitmex s=xbtusd s=short t=market/limit delay=2

<u>*AGGRESSIVE x CONSERVATIVE*</u>

Another option to operate in favor of the mixed trend is:

<u>*BEARISH TREND*</u>

Selling a lot more than the purchase, that is, instead of just closing the operation on the buy signal we make a more conservative entry and the sell signals a more aggressive entry. Getting the commands as follows.

1. *SELL SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market | a=account e=bitmex s=xbtusd b=short q=100000 t=limit/market delay=2

2. *BUY SIGNAL*
a=account e=bitmex s=xbtusd c=position t=market | a=account e=bitmex s=xbtusd b=long q=10000 t=limit/market delay=2

So we will be selling 100,000 contracts in sell signals and buying 10,000 contracts in buy signals.

BULLISH TREND

Buy more aggressively and sell more conservatively.

1. *BUY SIGNAL*

a=account e=bitmex s=xbtusd t=market | a=account e=bitmex s=xbtusd b=long q=100000 t=limit/market delay=2

2. *SELL SIGNAL*

a=account e=bitmex s=xbtusd t=market | a=account e=bitmex s=xbtusd b=short q=10000 t=limit/market delay=2

So we will be buying 100,000 contracts in buy signals and selling 10,000 contracts in sell signals.

IMPORTANT CONSIDERATIONS

These options increase the range of options of each operator, and also open up great possibilities of changing the gains, so we emphasize the importance of the study of the backtest (strategy).

>>>>> IMPORTANT WARNING <<<<<

With each change in the setup values, the old alerts should be deleted and new alerts with the new conditions should be added. You can not turn on or off an option to disable the alert, as Tradingview will continue with the alert set in the old settings.

What to expect of the next updates?

For the next update we are preparing improvements to the signs, both sales and purchases, and you can help us. For this, we are providing a 50% discount on the lifetime subscription of the indicators used (and cited at the beginning of this report), also facilitating payment up to 3x.

Também estamos trabalhando fortemente em associar mais 2 tempos gráficos maiores, melhorando assim a confirmação dos sinais mediante a tendência de timeframes maiores. Mas isso tudo tem que ser muito cauteloso devido ao *REPAINT* que o uso de timeframes diferentes causam no código. Tudo será muito bem estudado para trazer segurança e confiabilidade ao script.

Volunteer employees

Send your collaboration for the growth and improvement of the project, these improvements will give you prizes in discounts on subscriptions, and can even reach 100%.

To become a contributor, you must have access to the indicators and send to your contact@criptotraderbr.org your proposals for signs and changes, if your suggestion is added in the next update you will receive a 10% discount for each suggestion approved by our team.

FINAL CONSIDERATIONS

It is a great pleasure to be able to share our work and success with you and have great pleasure in helping you as our project collaborators.

Our commitment is great for code improvements, always aiming security of operations and profit maximization, but as in any project, failures may occur, because the market is uncertain and requires changes and adjustments of strategy as time passes by.

Our intention is to keep everything updated and to find the perfect robot, and for the safety of our subscribers, we have a maximum number of subscriptions available, and we are already reaching this limit.

Be proud to be part of our project because we are very proud to have them as customers.

That's it for now and have great profits.

Tavinholkpk

CEO