



BitBot

Manual





Contents

| | |
|-----------------------------------------------|----|
| Login..... | 3 |
| First access – Select Trade Exchange | 3 |
| Select trading Currency..... | 4 |
| Select monitoring pairs..... | 4 |
| Selection Criteria | 5 |
| Tradable assets | 5 |
| Personal Investments..... | 6 |
| Start | 6 |
| Monitoring Dashboard..... | 7 |
| Graphics..... | 7 |
| Pair Values..... | 8 |
| Status..... | 8 |
| Monitoring Mode..... | 9 |
| Enable/Disable | 9 |
| Buy..... | 9 |
| Sell..... | 10 |
| Custom mode settings – TOP GAIN options..... | 11 |
| Custom mode settings – STOP LOSS options..... | 13 |
| Real Trade vs. Simulation..... | 14 |
| Pairs selection change | 14 |
| Load/Save current set | 14 |
| Log window..... | 14 |
| Log Files..... | 15 |
| Monitoring Dashboard menus..... | 15 |
| Telegram Integration..... | 15 |
| Miscellaneous | 16 |
| Asset refreshing rate..... | 16 |
| Stop monitor after consecutive loss | 16 |
| Fee management..... | 16 |



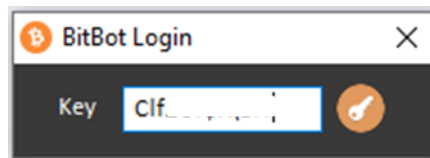
Login

Just after the purchase you will receive a unique key and a download link for BitBot.

Further releases of BitBot will be updated automatically and you won't need to download anything else.

The key you received is valid for 1 account, that means you can't share it on other computers. In case you need to have multiple instances feel free to ask us.

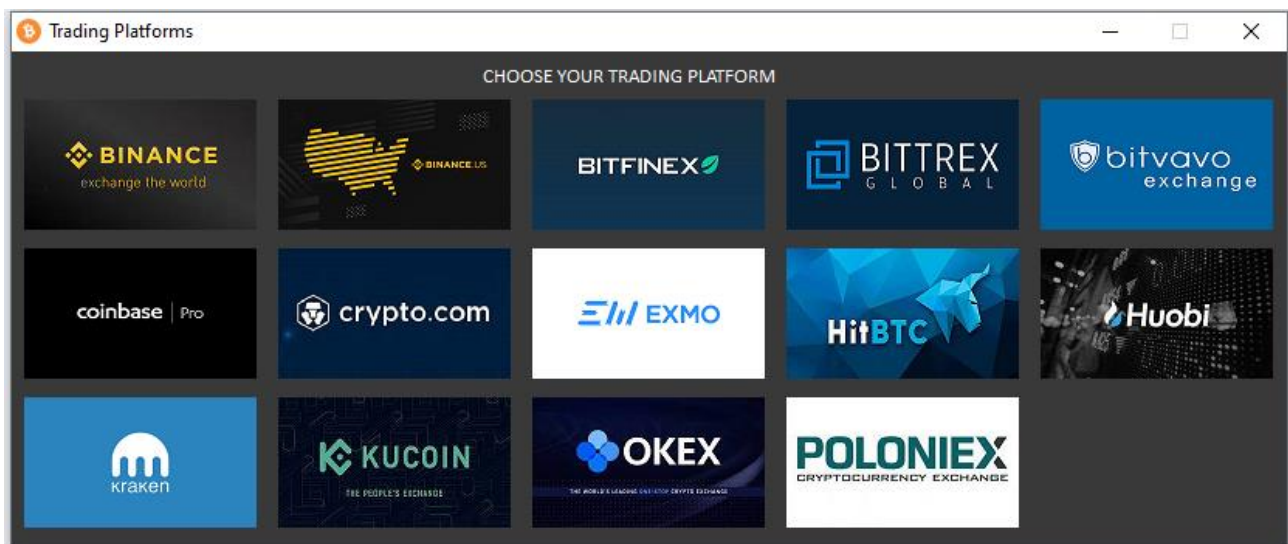
Launch executable and at the login prompt input the code you received



First access – Select Trade Exchange

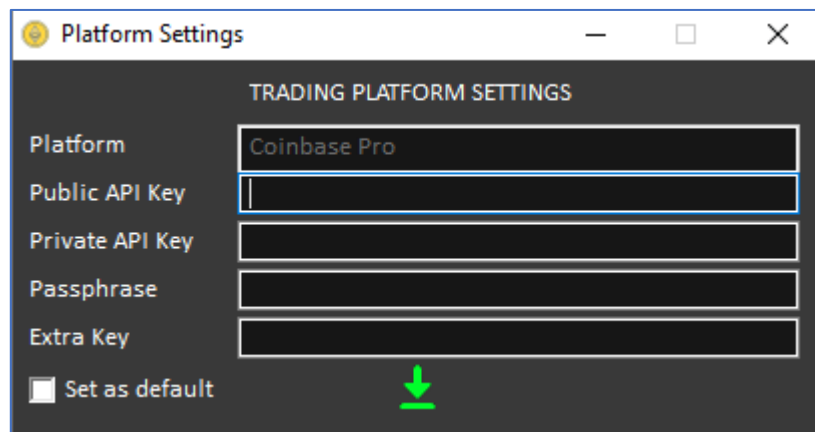
First time you log on BitBot you will be asked to link it to your preferred Trade Exchange platform.

If your platform is missing or still not active feel free to ask us and we will provide support for that.



Select the desired platform and click on it.

A new window will open with the settings needed to link BitBot with the chosen Trade Exchange



The 'Platform Settings' window is titled 'TRADING PLATFORM SETTINGS'. It contains five input fields: 'Platform' (set to 'Coinbase Pro'), 'Public API Key', 'Private API Key', 'Passphrase', and 'Extra Key'. Below these fields is a checkbox labeled 'Set as default' and a green downward arrow icon.

You will need to fill data both with your Public and Private API key.

If you are not usual to work with APIs look on specific document explaining how to request APIs from your Trade Exchange.

Remember to set the platform as default, checking the proper box, and save settings.

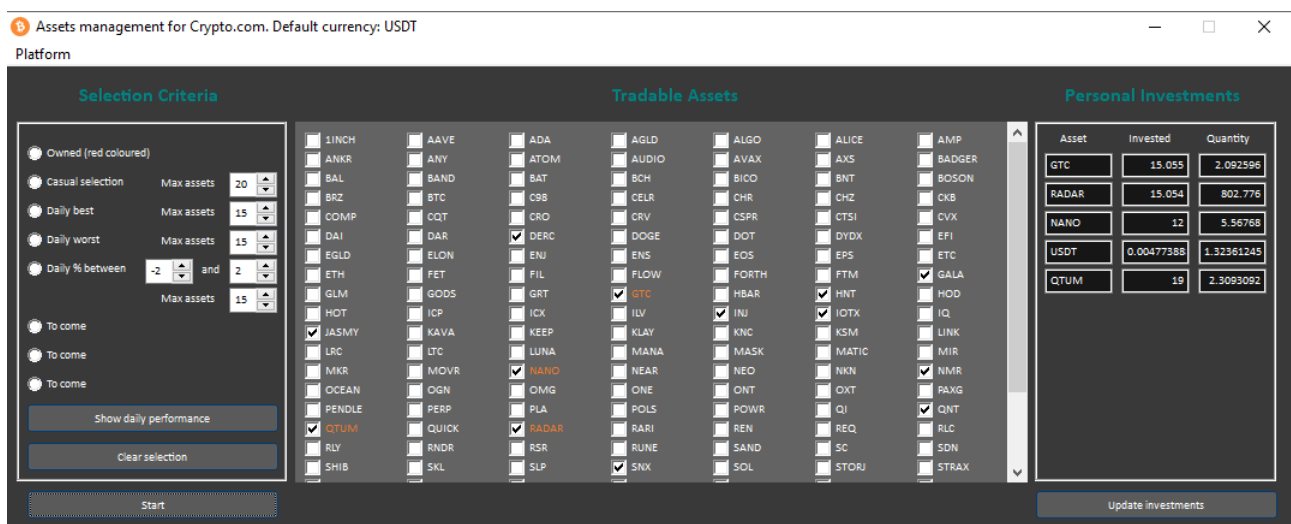
Select trading Currency

You will then be prompted to select, among all the currencies available on the selected platform, which will be your default one. Just select it and save. You could change it again at any time.

Select monitoring pairs

After login or after having chosen the Trade Exchange, BitBot will connect to the default Trade Exchange (you can see it in the displayed text) and you will see **all** the possible **assets** available on your Exchange

In **red** you will see asset you own



The 'Assets management for Crypto.com. Default currency: USDT' window is divided into three main sections: 'Selection Criteria', 'Tradable Assets', and 'Personal Investments'.

Selection Criteria: Includes radio buttons for 'Owned (red coloured)', 'Casual selection', 'Daily best', 'Daily worst', 'Daily % between', 'To come', and 'To come'. It also has 'Max assets' dropdowns and a 'Show daily performance' button.

Tradable Assets: A grid of assets with checkboxes. Assets like 'BTC', 'ETH', 'LTC', 'ADA', 'DOT', 'BNB', 'XRP', 'Ethereum', 'Bitcoin', 'Cardano', 'Dogecoin', 'Binance Coin', 'Ripple', 'Ethereum Classic', 'Bitcoin Cash', 'Monero', 'Dash', 'Zcash', 'Ethereum Classic', 'Bitcoin Cash', 'Monero', 'Dash', 'Zcash' are listed. Some assets are highlighted in red, indicating they are owned.

Personal Investments: A table showing the investment status of selected assets.

| Asset | Invested | Quantity |
|-------|------------|------------|
| GTC | 15.055 | 2.092596 |
| RADAR | 15.054 | 802.776 |
| NANO | 12 | 5.56768 |
| USDT | 0.00477388 | 1.32361245 |
| QTUM | 19 | 2.3093092 |

The window is divided in 3 zones:

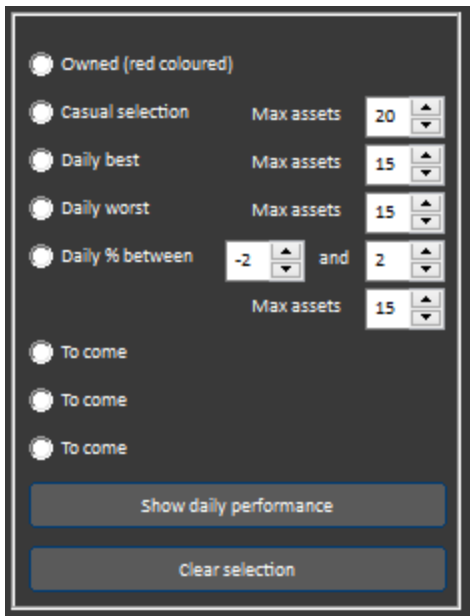
LEFT: Asset selection criteria

CENTER: Complete list of all tradable assets



RIGHT: Your invested assets and quantities

Selection Criteria



The dialog box contains the following options and controls:


- ☐ Owned (red coloured)
- ☐ Casual selection Max assets: 20
- ☐ Daily best Max assets: 15
- ☐ Daily worst Max assets: 15
- ☐ Daily % between -2 and 2 Max assets: 15
- ☐ To come
- ☐ To come
- ☐ To come
- Show daily performance
- Clear selection

- **Owned:** Select this to automatically check all your owned assets
- **Casual Selection:** Select how many assets and click
- **Daily best/Daily worst:** select how many assets to show and click the radio button. BitBot will then gather real time info on all tradable assets and will check the *max* assets you decided to select.
- **Daily between:** as previous criteria but you can choose a % between whom to select

You can add/remove any asset once the criteria has been selected, i.e. you can add some/all owned assets to daily best.

If you want to see a Top/Worst 10, you can click on **Show Daily Performance**.

This will lead to 2 new window that will show you the current situation



| BAD PERFORMERS | |
|----------------|--------|
| OXT | -5.87% |
| CRO | -5.86% |
| RADAR | -5.46% |
| CKB | -5.04% |
| EGLD | -4.5% |
| INU | -4.22% |
| ANY | -3.94% |
| MASK | -3.93% |
| DOGE | -3.74% |
| PENDLE | -3.56% |

| TOP PERFORMERS | |
|----------------|--------|
| EPS | 17.53% |
| SKL | 8.38% |
| RNDR | 6.41% |
| DYDX | 6.32% |
| IOTX | 6.25% |
| WAXP | 5.61% |
| ICP | 5.34% |
| PERP | 5.22% |
| AGLD | 5.15% |
| LUNA | 4.76% |

Tradable assets

A complete, scrollable list of assets. In red the owned ones. Just click to add to monitoring list.



Personal Investments

| Personal Investments | | |
|----------------------|------------|------------|
| Asset | Invested | Quantity |
| GTC | 15.055 | 2.092596 |
| RADAR | 15.054 | 802.776 |
| NANO | 12 | 5.56768 |
| USDT | 0.00477388 | 1.32361245 |
| QTUM | 19 | 2.3093092 |
| Update investments | | |

All your investments will be shown here, including currency available for trade.

If some value is missing you will be prompted (this will happen for sure at 1st start) to input invested value for that assets.

If for any circumstance you need to change invested value you can directly change it here and click “Update investments” to save it.

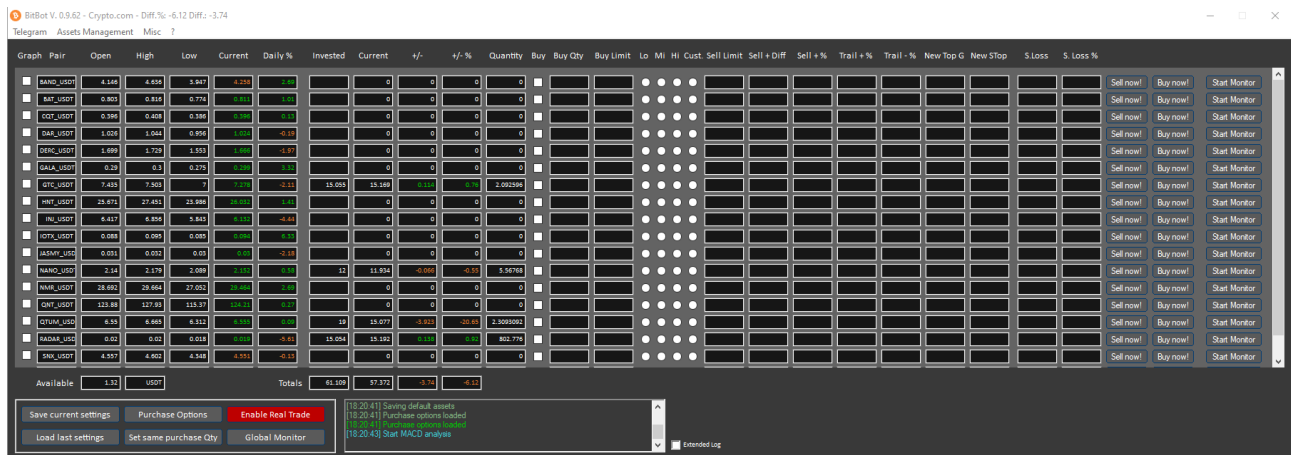
Start

Once you have selected assets to monitor you can click **Start** to show the Monitoring Dashboard



Monitoring Dashboard

After a loading delay (around 5 seconds) the Dashboard will be filled by all values

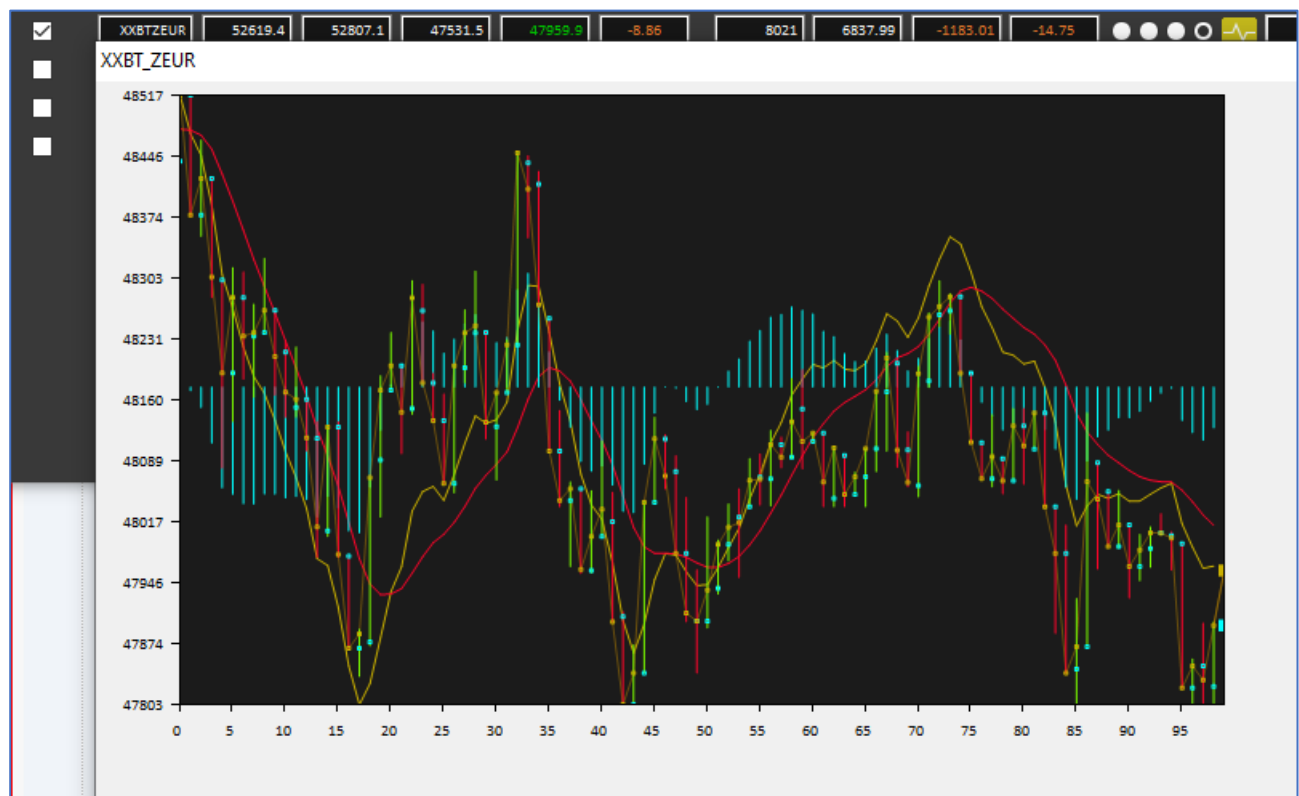


Let's see every single element:

Graphics

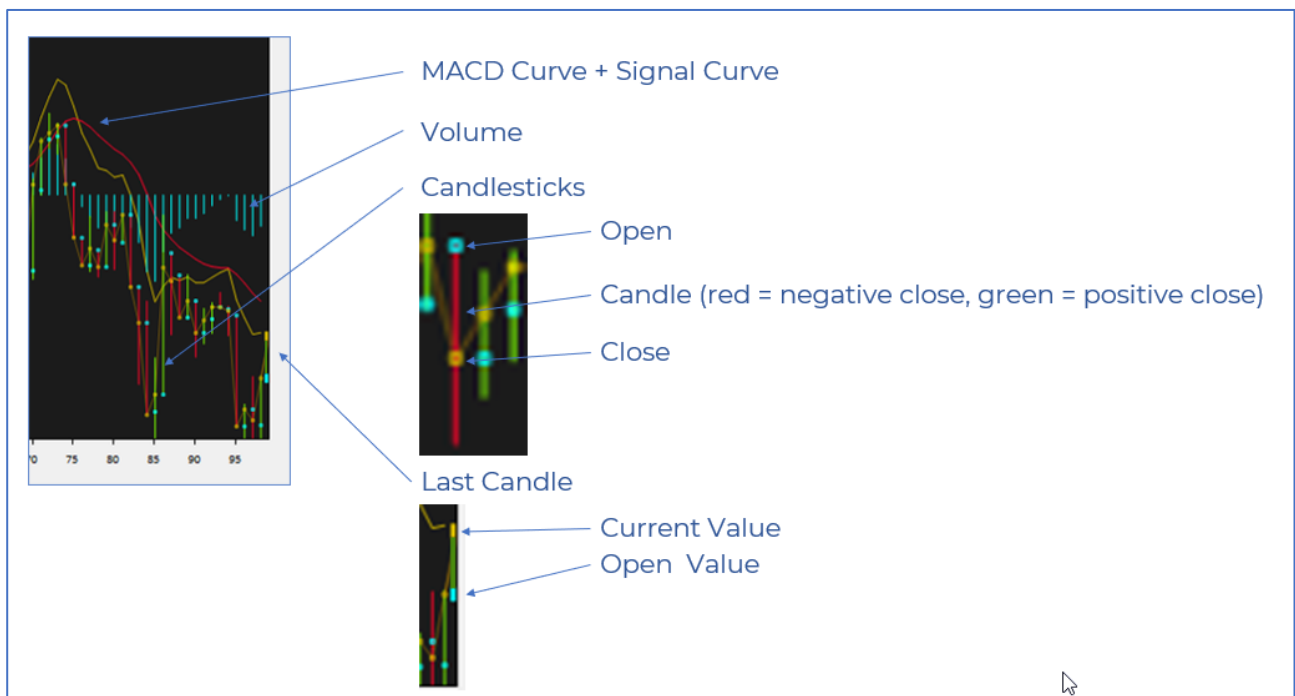


You just need to check it in order to activate graphical monitoring for the selected pair.



You can have as many graph as you like, just consider that every graph you open it takes memory and CPU load.

The graph is based on a **5-minute** delta, so in total you have a view of the last 8 hours. It shows you several information:



To close a graph just uncheck the checkbox near the pair name.

Pair Values

For every previously selected asset you will see here

| Graph | Pair | Open | High | Low | Current | Daily % |
|--------------------------|-----------|-------|-------|-------|---------|---------|
| <input type="checkbox"/> | BAND_USDT | 4.143 | 4.636 | 3.947 | 4.266 | 2.95 |
| <input type="checkbox"/> | BAT_USDT | 0.803 | 0.816 | 0.774 | 0.81 | 0.82 |

Pair: The pair name as in the Exchange

Open: The open value (24h)

High: The higher value reached (24h)

Low: The lower value reached (24h)

Current: The current value (ticks will flash green or red if pair is increasing or decreasing)

Daily %: The % seen as difference between Open Value and Current Value

Status

The status of your owned pair

| Invested | Current | +/- | +/- % | Quantity |
|----------|---------|-------|-------|----------|
| 15.055 | 15.136 | 0.081 | 0.54 | 2.092596 |

Invested: The invested value as defined before

Current: The current value selling now

+/-: The difference in your current currency



+/- %: The difference % between the invested value and the current value

Quantity: The owned quantity for that pair

Monitoring Mode

Starting from here you will see details of the monitor activity you will perform

| Buy | Buy Qty | Buy Limit | Lo | Mi | Hi | Cust. | Sell Limit | Sell + Diff | Sell + % | Trail + % | Trail - % | New Top G | New STop | S.Loss | S. Loss % |
|-------------------------------------|---------|-----------|----|----|----|-------|------------|-------------|----------|-----------|-----------|-----------|----------|--------|-----------|
| <input checked="" type="checkbox"/> | 15 | | | | | | | | 5 | 1 | 2 | | | | 5 |

Sell now! Buy now! Start Monitor

Enable/Disable

Using **START MONITOR** button you will Enable or Disable trade monitor for the single pair

You can auto enable/disable monitoring for all values using the **GLOBAL MONITOR** button.

Buy

Here you can set if you want to monitor this pair for purchasing it and eventually a **Buy Limit Price**.

| Buy | Buy Qty | Buy Limit |
|-------------------------------------|---------|-----------|
| <input checked="" type="checkbox"/> | 15 | |

You can check the button if you want to purchase this assets (conditions apply) and, eventually, the quantity to purchase and Limit Price

Purchase Options

Clicking this button you will see the **purchase conditions**

Global Purchase Options

Global Purchase options

☒ Buy only NOT owned assets

☒ Buy only if MACD curve has grown in the last 15 mins

☒ Buy only if histogram has grown in the last 15 mins

☒ MACD curve over or cuts signal curve in the last 15 mins

Details for assets just sold

☒ Market price must be lower than sold price

☒ Buy same value sold -10%

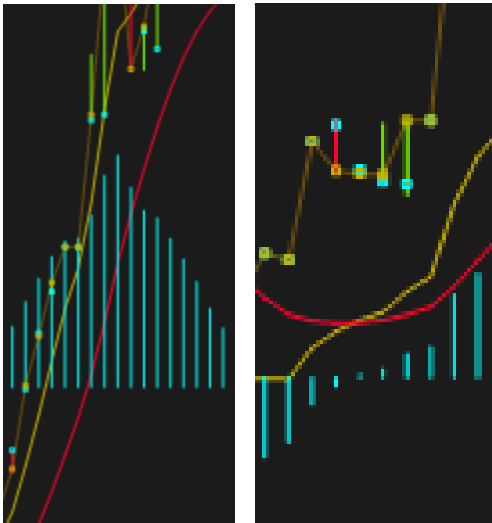
↓

Buy only NOT owned assets: This will prevent you to purchase pairs you already have.

Buy only if MACD curve has grown in the last 15 mins: This is mandatory and we keep it active. Basically we want this condition to be verified at first before purchasing



In the images below you see two graphs. The Yellow Line is the MACD Line. When this line grows usually the asset is going to grow as well. Since we monitor ticks of 5 mins, we want the curve to grow for 3 ticks, 15 mins.



Buy only if histogram has grown in the last 15 mins:

This is another indicator that will presume the title will grow. In this image you can see the histogram values and you can realize that MACD is growing and Histogram is growing as well.

MACD curve over or cuts signal curve in the last 15 mins: The signal curve is the red one. We want MACD to cut or stay over signal to be ready to but

Options for just sold assets

There are 2 conditions that could be set in order to buy also “just sold” assets:

Market price must be lower than sold price: In this case we won't purchase an asset if it has an higher price than the price we sold it before

Buy same value sold -10%: Use this if you want to retain a 10% value on your wallet instead of reinvesting the same value.

Set same Purchase Quantity

If you press this button

Set same purchase Qty

You will be prompted to input a purchasing value and this will be added to all your monitored assets (you can manually change any of them)

Set purchase quantity (USDT)
This value will be added to all pairs
You now have 1.32 USDT available

OK

Cancel

Sell

You can set a pre-defined trading strategy or use your customized one. The strategy is based on a risk level: Low, Medium, High or Custom.

Low Risk (L): Low risk strategy will sell your crypto with a Max Gain = 5% and Max Loss = 3%

Mid Risk (M): Medium risk strategy will sell your crypto with a Max Gain = 10% and Max Loss = 5%

High Risk (H): High risk strategy will sell your crypto with a Max Gain = 20% and Max Loss = 10%



Conditions are shown on the bar and you can always change them if needed.

Custom Risk (C): Custom risk allows you to set specific conditions, for every single pair. If you select this option, you will see a new window opening

THETA_USDT - Last: 3.677 - Gain/Loss: 0% - 0

SELL

- ☐ Limit
- ☐ Gain Perc
- ☐ Gain Value
- ☒ Trailing Gain % to start trailing
- Gain % to recalculate Top Gain
- Loss % to sell (usually 0.5-1 %)

STOP LOSS

- ☐ None
- ☐ Limit
- ☒ Negative % %

SAVE CONDITION FOR ALL ASSETS

Custom mode settings – TOP GAIN options

You can choose between different options both in case of gain and lost.

Limit

You can define a value limit for the pair. When that value will be reached, it will be sold (i.e. 56.000 for BTC)

SELL

- ☒ Limit Limit Value
- ☐ Gain Perc
- ☐ Gain Value
- ☐ Trailing

Gain %

In this case you can set a Top Gain % to sell at. If crypto reaches that gain % it will be sold.



The screenshot shows the 'SELL' configuration window. Four radio buttons are listed: 'Limit', 'Gain Perc', 'Gain Value', and 'Trailing'. The 'Gain Perc' option is selected, indicated by a filled radio button. To the right of this option is a text input field containing the number '50' and the label 'Percentage'.

Gain Value

In this case you can select the Gain Value you want to achieve in order to sell, i.e. 50\$

The screenshot shows the 'SELL' configuration window. The 'Gain Value' option is selected. To its right is a text input field containing the number '50' and the label 'Value'.

Trailing

This is the most tricky and interesting part.

You can define a starting gain threshold, let's say 20%.

Once crypto reaches 20% gain it will not be sold. BitBot will recalculate a new Top Gain based on the + Trailing % that obviously should be quite low. On the other hand BitBot will check if crypto goes down (- Trailing %). Using a low negative trailing it means that if it will go down after reaching the first top gain it will be sold.

Example based on the image

The screenshot shows the 'SELL' configuration window with the 'Trailing' option selected. To its right are three stacked text input fields with the following values and labels: '20' for 'Gain % to start trailing', '3' for 'Gain % to recalculate Top Gain', and '1' for 'Loss % to sell (usually 0.5-1 %)'.

Current Value: 100

Value raises to 120 → Gain % = 20% → Start trailing

New Top Gain = 120 + 3% = 123.6



New Stop Loss = $120 - 1\% = 118.8$

Value raises to 124 → Top Gain reached → Recalculating

New Top gain = $124 + 3\% = 127.72$

New Stop Loss = $124 - 1\% = 122.76$

Value raises to 128 → Top Gain reached → Recalculating

New Top gain = $128 + 3\% = 131.84$

New Stop Loss = $128 - 1\% = 126.72$

Value drops to 126.72 → Stop Loss reached → Selling

Selling in this way we have a surely grant winning %.

Custom mode settings – STOP LOSS options

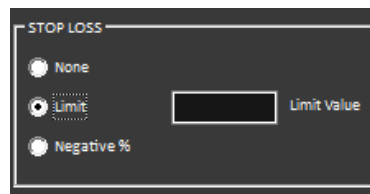
As for gaining you can set different options for selling when crypto drops.

None

BitBot won't sell if losing

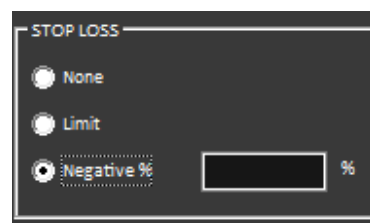
Limit

BitBot will sell at a limit defined value (i.e. sell when BTCUSD = 40.000)



Negative %

It will sell your crypto when your losing % is the one written here



Custom Mode Load saved settings

First time you enable Custom mode you don't have any saved settings and near save button you will see a grey circle



Once you save for the first time, settings will be available for further re-loading them and, when you re-open custom mode icon will appear as follow



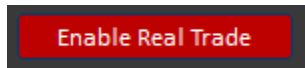


Save condition for all assets

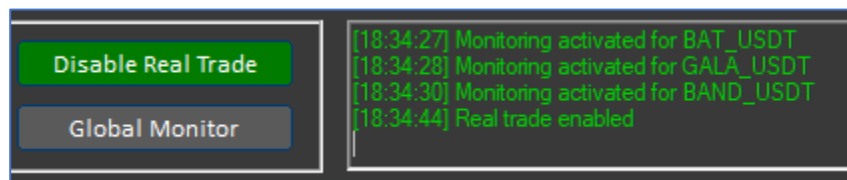
Pressing this button will apply same conditions for all assets. You can manually change any of them then.

Real Trade vs. Simulation

For your safety all trades are simulated.



In order to enable sales you just need to click the button and **real trade** will be enabled



Color will change and a message will confirm that sales are now real.

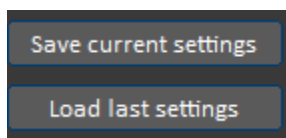
Pairs selection change

If you want to change pair selection, you can go back to Asset selection by pressing the button



Load/Save current set

You can save you “as-is” situation (buy checkbox, value, selling strategies and values) for all your values. Click on



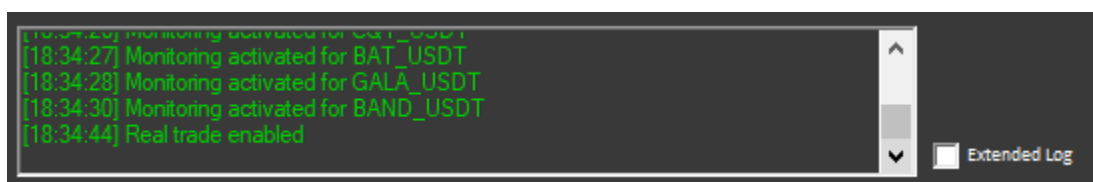
to save and load them.

Note: Real trade and “Monitor all” will not be activated. So the process should be:

- 1- Load last set
- 2- Verify everything is correct or modify according to you needing
- 3- Enable real trade
- 4- Enable monitoring for all assets (or manually one by one)

Log window

Log window will keep track of all activities performed





Log Files

Bitbot will create 3 log files into your /Log folder

```
[Kraken]-2022-02-12.log
[Kraken]-2022-02-12_Extended.log
[Kraken]-2022-02-10_Error.log
```

The .log will contain data of your **successfully** performed trades:

```
1 2021-12-27 03:56:24 : [SELL] - KAREUR - Price: 3.882 - Value:58 - Gain: 2.75 - Gain%: 5
2 2021-12-27 03:57:21 : [BUY] - ANKREUR - Price: 0.10252 - Value:55 - Quantity: 533.98058
3 2021-12-27 20:17:18 : [SELL] - SOLEUR - Price: 178.4 - Value:85 - Gain: 4.74 - Gain%: 5.93
4
```

The Extended.log contains data of **failed** trades and details of the result

```
1 2022-01-09 18:37:59 : [BUY] - ALCX-EUR - Amount: 20 - Failed due to {"message":"size is too accurate. Smallest unit is 0.000100000"}
2 2022-01-09 18:40:48 : [SELL] - LINK-EUR - Selling quantity: 1.07465889 - Failed due to {"message":"size is too accurate. Smallest unit is 0.010000000"}
3 2022-01-09 18:43:00 : [BUY] - ALCX-EUR - Amount: 20 - Failed due to {"message":"size is too accurate. Smallest unit is 0.000100000"}
4 2022-01-09 18:48:03 : [BUY] - AAVE-EUR - Amount: 20 - Failed due to {"message":"size is too accurate. Smallest unit is 0.001000000"}
```

The Error.log contains data of **failed** connection to Exchange server (usually due to API connection errors)

Monitoring Dashboard menus

On top bar of Monitor dashboard you can find some Trees Menu

```
BitBot V. 0.9.62 - Crypto.com - Diff.%: -6.4 Diff.: -3.91
Telegram Assets Management Misc ?
```

Telegram Integration

Press the **Setting** to enter the Telegram settings panel.

The screenshot shows a Telegram settings window with the following fields and options:

- Token**: A text input field containing a long alphanumeric string.
- Chat**: A text input field containing the number '1'.
- Active**: A checkbox that is checked.
- Broadcasted messages (uncheck to not receive)**: A section header.
- Sell messages**: A checked checkbox.
- Buy messages**: A checked checkbox.
- Top Gain reached**: A checked checkbox.
- Top Gain updated**: A checked checkbox.
- Save**: A button at the bottom.

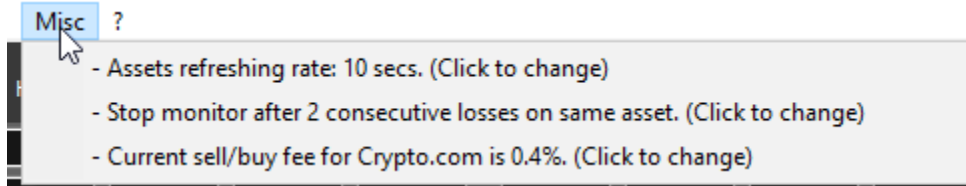
Fill all mandatory data to enable integration and active it if needed.

You can also set which message to broadcast.



For further detail on Telegram Integration read the Telegram manual coming with BitBot.

Miscellaneous



Asset refreshing rate

Click to change the refreshing rate, default is 10 seconds

Stop monitor after consecutive loss

You can select to stop monitoring a pair after x consecutive purchase and sale for stop-loss. Default is 3

Fee management

Bitbot will use default Exchange fees (Kraken 0.26% - Coinbase Pro 0.5% - Binance 0.1% - Crypto.com 0.4%). Click to change