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# Product Guide

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## Part 1

### INSTALLATION & LAUNCH

Installing Alpha is a simple task. When downloading after purchase the app is zipped up into an archive (.zip) folder. To run alpha you will first need to extract this zip to your desktop. Once this is done you will see a folder setup similar to the picture below.

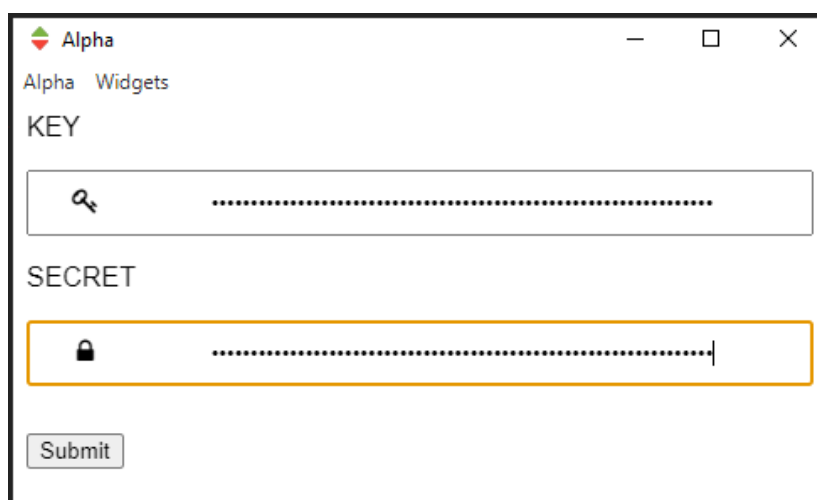
Name	Date modified	Type
locales	08/11/2020 12:47	File folder
resources	08/11/2020 12:49	File folder
swiftshader	08/11/2020 12:47	File folder
alpha.exe	08/11/2020 12:49	Application
chrome_100_percent.pak	08/11/2020 12:47	PAK File
chrome_200_percent.pak	08/11/2020 12:47	PAK File
d3dcompiler_47.dll	08/11/2020 12:47	Application extension
ffmpeg.dll	08/11/2020 12:47	Application extension
icudtl.dat	08/11/2020 12:47	DAT File
libEGL.dll	08/11/2020 12:47	Application extension
libGLESv2.dll	08/11/2020 12:47	Application extension
LICENSE	08/11/2020 12:47	File
LICENSES.chromium.html	08/11/2020 12:47	Chrome HTML Document
resources.pak	08/11/2020 12:47	PAK File
snapshot_blob.bin	08/11/2020 12:47	BIN File
v8_context_snapshot.bin	08/11/2020 12:47	BIN File
version	08/11/2020 12:47	File
vk_swiftshader.dll	08/11/2020 12:47	Application extension
vk_swiftshader_icd.json	08/11/2020 12:47	JSON File
vulkan-1.dll	08/11/2020 12:47	Application extension

To launch alpha simply click the "alpha.exe" file.

## Part 2

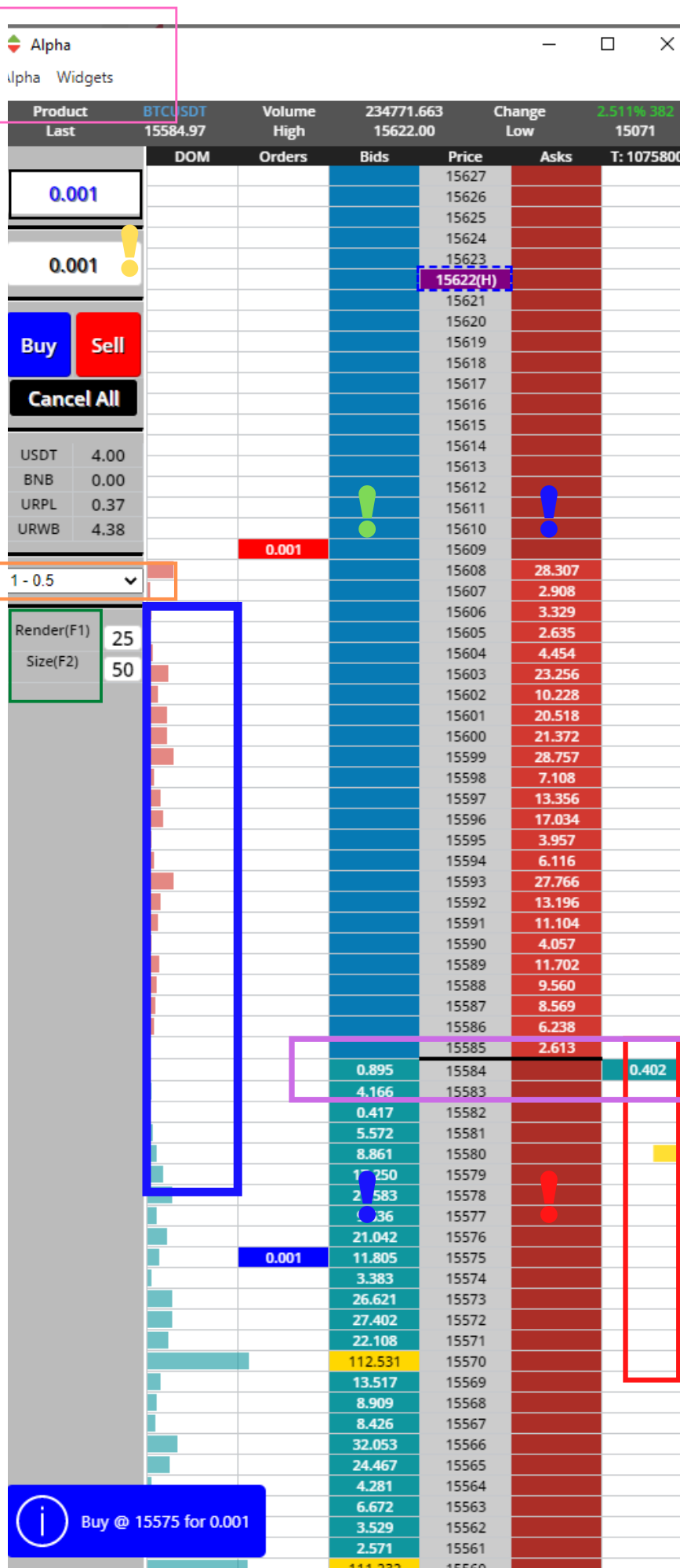
### ENTERING CREDENTIALS TO LOGIN

In order to run and access all of alphas full features you will need to obtain your Binance Futures API Key and Secret. These will be available from your Binance Account section under API Management on their website. You will need to specify that these keys are **read and write** keys to ensure that you can access all features. When you launch Alpha you will be prompted to enter these into the fields as shown below.



The screenshot shows the Alpha application window with the title bar 'Alpha' and standard window controls. Inside the window, there is a tabbed interface with 'Alpha' and 'Widgets' tabs. Below the tabs, the word 'KEY' is displayed above a text input field with a magnifying glass icon and a password mask. Below that, the word 'SECRET' is displayed above another text input field with a lock icon and a password mask. At the bottom left of the form is a 'Submit' button.





## Part 2

# USING THE LADDER

**Centre line:** The centre line is the current price and will travel up and down the ladder along with the orderbook either side to show market direction. The last trade (purple rectangle) will also move along with this showing the last traded direction.

**Position Box:** Use this to get an idea of current position size and direction (blue = long, red = short). (black rectangle)

**Market Orders:** To create a market order first change your position box (gold !) to your desired position size in BTC, then press enter to set. From here click either down the ask (red !) or up the bid (green !) to buy or sell at market. You can also use the buy/sell buttons if you find this easier.

**Limit Orders:** Likewise to create a limit order click on the corresponding sides of the orderbooks to create bid/ask limit orders as you can see on the left. Entry points for limits marked with (blue !). Double click these limit orders to cancel them. Or use the Cancel All button to remove them all.

**DOM Bars:** Highlighted with the blue rectangle is where size in the book is represented visually via bars to scale.

**Volume Traded at Price:** Also shown via bars in the red rectangle you can see the VTP Column where a running total of BTC traded at prices is shown.

**Price Column:** The price column down the centre will recalculate every 5-10 seconds to ensure your ladder is in sync. As well as this it will show the daily high and low (highlighted purple).

**Consolidation:** Use this to group the price ladder by every \$1 or 2\$. (orange rectangle)

**Render / Size:** Use render to set the amount of book (prices/qty) being rendered either side of bid/ask. More prices will impact performance depending on your system. Use size to set the size threshold on the book to highlight prices over that size gold. (green rectangle)

**Navigation:** (highlighted with pink rectangle) Use these menus to exit and navigate to other parts of Alpha.



## Part 3

# USING THE CHART

Alphas charting function provides traders with scope on their current open orders and positions. The chart is listed in 1 minute candles for a period of 24 hours. This is fixed and it designed with the intention to courage more short term positioning utilising the edge found in Alphas ladder execution.



Looking at the diagram above you can see that in this instance the user has a bid and an ask, as well as an open position.

On the righthand side you can see the chart representing this with the blue entry price in at the current price, the green bid below and the red ask above. These will change as and when you change them in the ladder.

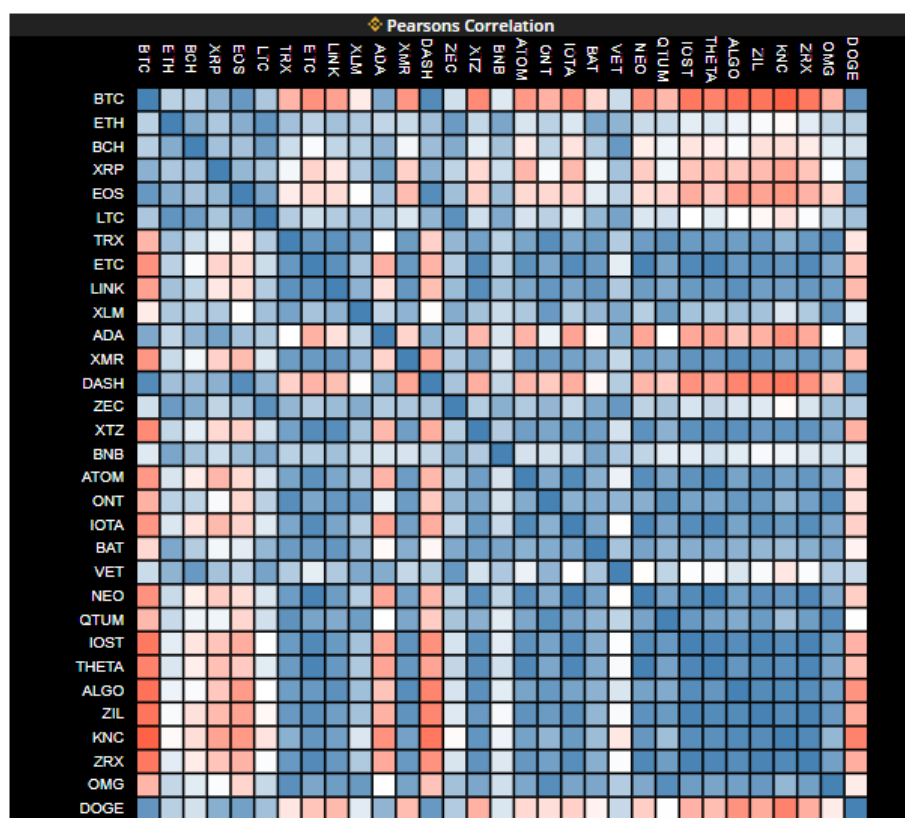
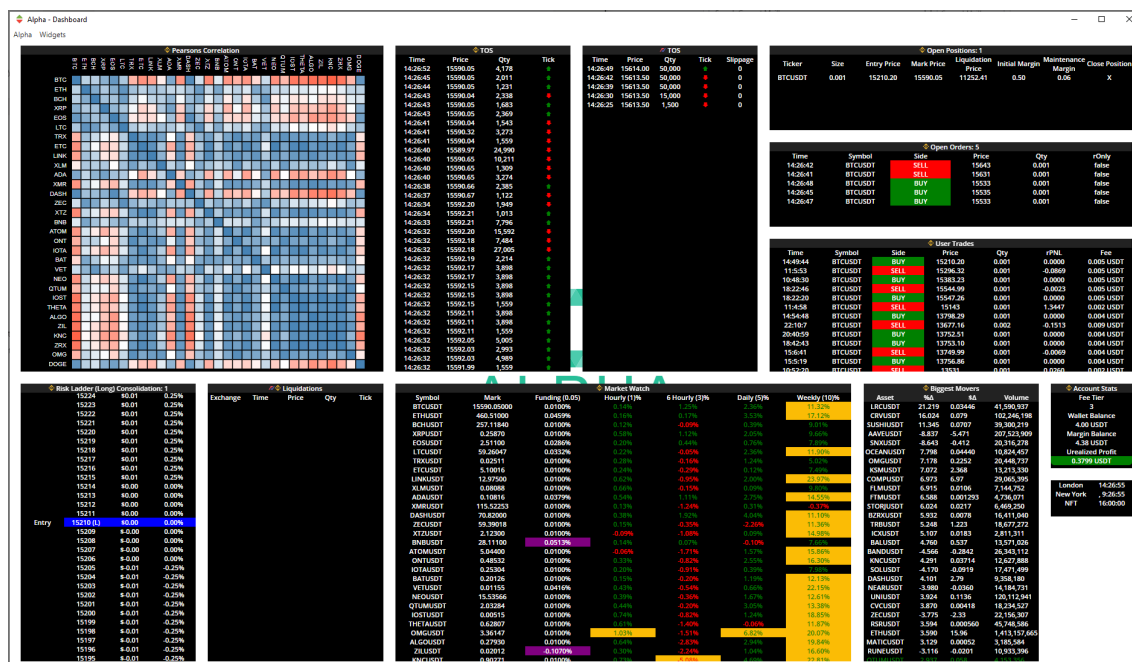
For example exiting a position will remove the position from the chart and likewise for limits being removed from the chart.



# Part 4

## USING THE DASHBOARD

Alphas Dashboard is essentially the command centre for order management and market perspective. It should be noted that the layout can be fully customised by the user by simply **dragging** boxes and resizing them to your liking.



## Correlation Matrix

The Correlation matrix derives its result from the Pearson's model.

Comparing assets from across the futures markets to provide an idea of flow or miscorrelation.



TOS				TOS				
Time	Price	Qty	Tick	Time	Price	Qty	Tick	Slippage
14:26:52	15590.05	4,178	★	14:26:49	15614.00	50,000	★	0
14:26:45	15590.05	2,011	★	14:26:42	15613.50	50,000	★	0
14:26:44	15590.05	1,231	★	14:26:39	15613.50	50,000	★	0
14:26:43	15590.04	2,338	★	14:26:30	15613.50	15,000	★	0
14:26:43	15590.05	1,683	★	14:26:25	15613.50	1,500	★	0
14:26:43	15590.05	2,369	★					
14:26:41	15590.04	1,543	★					
14:26:41	15590.32	3,273	★					
14:26:41	15590.04	1,559	★					
14:26:40	15589.97	24,990	★					
14:26:40	15590.65	10,211	★					
14:26:40	15590.65	1,309	★					
14:26:40	15590.65	3,274	★					
14:26:38	15590.66	2,385	★					
14:26:37	15590.67	1,122	★					
14:26:34	15592.20	1,949	★					
14:26:34	15592.21	1,013	★					
14:26:33	15592.21	7,796	★					
14:26:32	15592.20	15,592	★					
14:26:32	15592.18	7,484	★					
14:26:32	15592.18	27,005	★					
14:26:32	15592.19	2,214	★					
14:26:32	15592.17	3,898	★					
14:26:32	15592.17	3,898	★					
14:26:32	15592.15	3,898	★					
14:26:32	15592.15	3,898	★					
14:26:32	15592.15	1,559	★					
14:26:32	15592.11	3,898	★					
14:26:32	15592.11	3,898	★					
14:26:32	15592.11	1,559	★					
14:26:32	15592.05	5,005	★					
14:26:32	15592.03	2,993	★					
14:26:32	15592.03	4,989	★					
14:26:32	15591.99	1,559	★					

## Time of Sales (TOS)

There are two time of sales tools available on the dashboard for both Binance and BitMEX bitcoin futures.

These display key transaction information as well as carrying colour coding on the event of bigger orders making it clear to the eye.

Open Positions: 1							
Ticker	Size	Entry Price	Mark Price	Liquidation Price	Initial Margin	Maintenance Margin	Close Position
BTCUSDT	0.001	15210.20	15590.05	11252.41	0.50	0.06	X

Open Orders: 5					
Time	Symbol	Side	Price	Qty	rOnly
14:26:42	BTCUSDT	SELL	15643	0.001	false
14:26:41	BTCUSDT	SELL	15631	0.001	false
14:26:48	BTCUSDT	BUY	15533	0.001	false
14:26:45	BTCUSDT	BUY	15535	0.001	false
14:26:47	BTCUSDT	BUY	15533	0.001	false

User Trades						
Time	Symbol	Side	Price	Qty	rPNL	Fee
14:49:44	BTCUSDT	BUY	15210.20	0.001	0.0000	0.005 USD
11:5:53	BTCUSDT	SELL	15296.32	0.001	-0.0869	0.005 USD
10:48:30	BTCUSDT	BUY	15383.23	0.001	0.0000	0.005 USD
18:22:46	BTCUSDT	SELL	15544.99	0.001	-0.0023	0.005 USD
18:22:20	BTCUSDT	BUY	15547.26	0.001	0.0000	0.005 USD
11:4:58	BTCUSDT	SELL	15143	0.001	1.3447	0.002 USD
14:54:48	BTCUSDT	BUY	13798.29	0.001	0.0000	0.004 USD
22:10:7	BTCUSDT	SELL	13677.16	0.002	-0.1513	0.009 USD
20:40:59	BTCUSDT	BUY	13752.51	0.001	0.0000	0.004 USD
18:42:43	BTCUSDT	BUY	13753.10	0.001	0.0000	0.004 USD
15:6:41	BTCUSDT	SELL	13749.99	0.001	-0.0069	0.004 USD
15:5:19	BTCUSDT	BUY	13756.86	0.001	0.0000	0.004 USD
10:52:20	BTCUSDT	SELL	13531	0.001	0.0260	0.002 USD

## Order Management

The dashboard carries 3 key areas to manage your trading. These would include the open positions table that will work for any other assets you have positions in. As well as open orders for BTCUSDT, finally a user trades table to lookup and examine historical trades along with their realised pnl and fees is available.





Market Watch						
Symbol	Mark	Funding (0.05)	Hourly (1)%	6 Hourly (3)%	Daily (5)%	Weekly (10)%
BTCUSDT	15590.05000	0.0100%	0.14%	1.25%	2.36%	11.32%
ETHUSDT	460.51000	0.0459%	0.16%	0.17%	3.53%	17.12%
BCHUSDT	257.11840	0.0100%	0.12%	-0.09%	0.39%	9.01%
XRPUSDT	0.25870	0.0100%	0.58%	1.12%	2.05%	9.66%
EOSUSDT	2.51100	0.0286%	0.20%	0.44%	0.76%	7.89%
LTCUSDT	59.26047	0.0332%	0.22%	-0.05%	2.36%	11.90%
TRXUSDT	0.02511	0.0100%	0.28%	-0.16%	1.24%	5.02%
ETCUSDT	5.10016	0.0100%	0.24%	-0.29%	0.12%	7.49%
LINKUSDT	12.97500	0.0100%	0.62%	-0.95%	2.00%	23.97%
XLMUSDT	0.08088	0.0100%	0.66%	-0.15%	0.09%	9.80%
ADAUSDT	0.10816	0.0379%	0.54%	1.11%	2.75%	14.55%
XMRUSDT	115.52253	0.0100%	0.13%	-1.24%	0.31%	-0.37%
DASHUSDT	70.82000	0.0100%	0.38%	1.92%	4.04%	11.10%
ZECUSDT	59.39018	0.0100%	0.15%	-0.35%	-2.26%	11.36%
XTZUSDT	2.12300	0.0100%	-0.09%	-1.08%	0.09%	14.98%
BNBUSDT	28.11100	0.0513%	0.14%	0.07%	-0.10%	7.66%
ATOMUSDT	5.04400	0.0100%	-0.06%	-1.71%	1.57%	15.86%
ONTUSDT	0.48532	0.0100%	0.33%	-0.82%	2.55%	16.30%
IOTAUSDT	0.25304	0.0100%	0.20%	-0.91%	0.39%	7.98%
BATUSDT	0.20126	0.0100%	0.15%	-0.20%	1.19%	12.13%
VETUSDT	0.01155	0.0416%	0.43%	-0.54%	0.66%	22.15%
NEOUSDT	15.53566	0.0100%	0.39%	-0.36%	1.67%	12.61%
QTUMUSDT	2.03284	0.0100%	0.44%	-0.20%	3.05%	13.38%
IOSTUSDT	0.00515	0.0100%	0.74%	-0.82%	1.24%	18.85%
THETAUSDT	0.62807	0.0100%	0.61%	-1.40%	-0.06%	11.87%
OMGUSDT	3.36147	0.0100%	1.03%	-1.51%	6.82%	20.07%
ALGOSDT	0.27930	0.0100%	0.64%	-2.83%	2.94%	19.84%
ZILUSDT	0.02012	-0.1070%	0.30%	-2.24%	1.04%	16.60%
KNCUSDT	0.90271	0.0100%	0.73%	-5.08%	4.69%	22.81%

## Market Watch

This is a tool designed to show the current state of all Crypto Futures on Binance. Here you can see their names and mark prices. As well as this the funding rate for these assets are defined and will flag purple if greater than 0.05%. On from this, is the hourly, 6 hourly, daily and weekly percentage change for each asset giving some perspective as to how the market as a whole is performing as well as an individual asset. These also have individual thresholds for flagging which can be found at the top of each column.

Biggest Movers			
Asset	%Δ	\$Δ	Volume
LRCUSDT	21.219	0.03446	41,590,937
CRVUSDT	16.024	0.079	102,246,198
SUSHIUSDT	11.345	0.0707	39,300,219
AAVEUSDT	-8.837	-5.471	207,523,909
SNXUSDT	-8.643	-0.412	20,316,278
OCEANUSDT	7.798	0.04440	10,824,457
OMGUSDT	7.178	0.2252	20,448,737
KSMUSDT	7.072	2.368	13,213,330
COMPUSDT	6.973	6.97	29,065,395
FLMUSDT	6.915	0.0106	7,144,752
FTMUSDT	6.588	0.001293	4,736,071
STORJUSDT	6.024	0.0217	6,469,250
BZRXUSDT	5.932	0.0078	16,411,040
TRBUSDT	5.248	1.223	18,677,272
ICXUSDT	5.107	0.0183	2,811,311
BALUSDT	4.760	0.537	13,571,026
BANDUSDT	-4.566	-0.2842	26,343,112
KNCUSDT	4.291	0.03714	12,627,888
SOLUSDT	-4.170	-0.0919	17,471,499
DASHUSDT	4.101	2.79	9,358,180
NEARUSDT	-3.980	-0.0360	14,184,731
UNIUSDT	3.924	0.1136	120,112,941
CVCUSDT	3.870	0.00418	18,234,527
ZECUSDT	-3.775	-2.33	22,156,307
RSRUSDT	3.594	0.000560	45,748,586
ETHUSDT	3.590	15.96	1,413,157,665
MATICUSDT	3.129	0.00052	3,185,584
RUNEUSDT	-3.116	-0.0201	10,933,396
QTUMUSDT	2.937	0.058	4,153,356

## Biggest Movers

This tool shows all assets currently trading on Binance futures and their % gains/losses in the last 24 hours as well as their volume. They are then ordered by the highest absolute numbers to show the biggest moving / most volatile assets to trade currently.





Risk Ladder (Long) Consolidation: 1			
	15641	\$0.03	0.68%
	15640	\$0.03	0.68%
	15639	\$0.03	0.68%
	15638	\$0.03	0.68%
	15637	\$0.02	0.45%
	15636	\$0.02	0.45%
Exit Ask	15635	\$0.02	0.45%
	15634	\$0.02	0.45%
	15633	\$0.02	0.45%
	15632	\$0.02	0.45%
	15631	\$0.02	0.45%
	15630	\$0.02	0.45%
	15629	\$0.02	0.45%
	15628	\$0.01	0.23%
	15627	\$0.01	0.23%
	15626	\$0.01	0.23%
	15625	\$0.01	0.23%
	15624	\$0.01	0.23%
	15623	\$0.01	0.23%
	15622	\$0.01	0.23%
	15621	\$0.01	0.23%
	15620	\$0.01	0.23%
	15619	\$0.01	0.23%
	15618	\$0.01	0.23%
	15617	\$0.00	0.00%
	15616	\$0.00	0.00%
Current	15615	\$0.00	0.00%
	15614	\$0.00	0.00%
Entry	15613 (L)	\$0.00	0.00%
	15612	\$-0.00	0.00%
	15611	\$-0.00	0.00%
	15610	\$-0.00	0.00%
	15609	\$-0.00	0.00%
	15608	\$-0.01	-0.23%
	15607	\$-0.01	-0.23%
	15606	\$-0.01	-0.23%
	15605	\$-0.01	-0.23%
	15604	\$-0.01	-0.23%
	15603	\$-0.01	-0.23%
	15602	\$-0.01	-0.23%
	15601	\$-0.01	-0.23%
	15600	\$-0.01	-0.23%
	15599	\$-0.01	-0.23%
	15598	\$-0.01	-0.23%
	15597	\$-0.02	-0.45%
	15596	\$-0.02	-0.45%
Add Bid	15595	\$-0.02	-0.45%
	15594	\$-0.02	-0.45%
	15593	\$-0.02	-0.45%
	15592	\$-0.02	-0.45%
	15591	\$-0.02	-0.45%

## Risk Ladder

The risk ladder is a new inhouse tool used to show in ladder form your current risk on your current position.

This will move away from your entry price up or down showing current unrealised percentage and \$ gain on your position.

It will also map all exit bids/asks on the ladder as well as the current price.



## Part 5

# PRICING

### Ladder & Dashboard



## 30\$

Ladder

Product Wide Dashboard

Position Chart

Secure Local API Credential  
Storage

BUY NOW



### Ladder



## 15\$

Ladder

Position Chart

Instant Execution

Secure Local API Credential  
Storage

BUY NOW



### Dashboard



## 15\$

Dashboard Only

Product Wide Dashboard

Position Management

Secure Local API Credential  
Storage

BUY NOW



Purchase at:  
[cryptoladder.app](https://cryptoladder.app)



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/AlphaTradingTechnologies

### Disclaimer:

We are not liable for any trading decisions you make via our software.

