

Trader Dale's ORDER FLOW 2.0 Quick Guide

				0 x 17		0 x 3				
				41 x 81	0 x 82	131 x 64				
				71 x 71	60 x 107	159 x 130				
				115 x 136	43 x 76	158 x 97				
				294 x 121	61 x 47	218 x 16				
				186 x 52	43 x 45	31 x 7				
				113 x 86	47 x 77	8 x 7				
				123 x 53	102 x 84	31 x 54		0 x 7		
				63 x 18	36 x 12	147 x 57	28 x 52	19 x 48		
				26 x 68	0 × 0	151 x 27	63 x 34	63 x 33		
			0 x 58	53 x 58		27 x 16	24 x 45	74 x 2	0 x 2	
			42 x 205	62 x 12		128 x 2	268 x 206	28 x 9	8 x 8	0 x 3
			128 x 203	12 x 0	138		531 x 40	37 x 26	8 x 7	48 x 3
			241 x 93				193 x 0	39 x 36	63 x 90	13 x 3
			68 x 53			-709		67 x <mark>28</mark>	134 x 73	78 x 2
			33 x 66	-386				3 x 0	12 x 21	55 x 0
0 x 79			2 x 30				-730		3 x 0	
28 x 157	4 x 152		0 x 17							
99 x 35	137 x 75		27 x 18					-141		-69
12 x 115	46 x 31	0 x 1	48 x 67						-27	
57 x 15	52 x 10	35 x 7	13 x 11							
1 x 48	32 x 71	31 x 90	26 x 33							
77 x 31	90 x 70	57 x 67	24 x 6							
53 x 23	63 x D	55 x 10	1 x 0							
1 x 0		36 x 15								
		17 x 0								
	-15		207							
175										

Activation

1. Run your NinjaTrader8 platform and go to Help \rightarrow About.

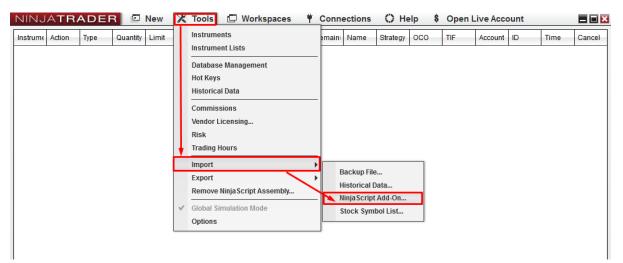
NINJATRADER 🖾 New 🄀 Tools 🗂 Workspaces 🕴 Connections	Help \$ Buy Platform
Instrument Action Type Quantity Limit Stop State Filled Avg. price	Resources Help Guide F1 Email Support Remote Support Download Apps & Add-Ons 3rd Party Licensing License Key

 Send me an email (<u>contact@trader-dale.com</u>) with your unique Machine ID. I will use it to authorize your software. You will get an email when your software is authorized. It won't take no longer than 12 hours. Usually way less.

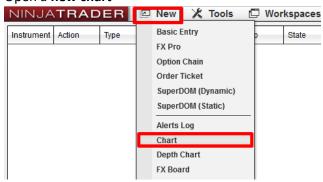
About Ninja Trader	×
	NJA trader ®
Version	8.0.25.0 64-bit
License ID	
License type	Simulation
License expiration	01/12/2099
Machine ID	
Licensed features	Core Trader + Multi Broker
Licensed providers	Barchart.com Coinbase
	OK

Installation

- 3. Go to: <u>https://www.trader-dale.com/td-software-downloads/</u> and download the Order Flow there. **Do NOT extract the files!**
- 4. Run NinjaTrader 8 platform. Go to Tools→Import→NinjaScript Add-On...



- 5. Locate the TDOrderFlow 2.0.zip on your hard drive and press Open.
- 6. Restart NinjaTrader 8
- 7. Open a new chart



 When you do so a Data series window will open. There, you can edit all the Order Flow settings. An important thing is that you have Type set as TDOFBars and Chart style as TDOrderFlow.
 Data Series

nstrument 6E 06-22	Load template only (layout, indicators	s, and style) <none></none>
Applied	Properties	
6E 06-22 (TDOFBars(1m))	✓ Data Series	
	BarsPeriod	Minute
	Calculation	BidAsk
	Price based on	Last
	Туре	TDOFBars
	Value	1
	Min. Trade Size	0
	Tick Replay	
	▼ Time frame	
	Load data based on	Days
	Days to load	3
	End date	02/05/2022
	Trading hours	<use instrument="" settings=""></use>
	Break at EOD	V
	✓ Chart style	
	Chart style	TDOrderFlow
	Ticks aggregation	1

9. Press **OK** and a new Order Flow chart will open. If you want to go back to adjusting the settings, then right-click the chart and go to **Data Series**.

TD Order Flow – Settings

There are a lot of settings you can tweak. Some of them are only visual, like color changes, text font changes etc... I won't cover those minor settings here and I will only focus on the most important ones.

Settings accessible from the top of the chart:

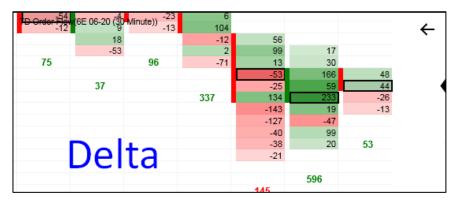
At the top of your chart, there are **three buttons**. You can use the first one to change what the Order Flow displays.

Bid x Ask	Summary	Display	
Bid x Ask			
Delta			
Volume			
Diagonal Delta			
	Bid x Ask Delta Volume	Bid x Ask Delta Volume	Bid x Ask Delta Volume

BidAsk: Prints volumes traded on Bid and volumes traded at Ask.

- 93 X 39	v(6E ^{32 x 28} (30 29 x 38	50 x 27	111 x 117				
36 x 24	29 x 38	13 x 0	97 x 201				←
	53 x 71		89 x 77	13 x 69			•
	53 x 0		43 x 45	85 x 184	0 x 17		
75		96	71 x 0	81 x 94	13 x 43		
				130 x 77	19 x 185	0 x 48	
	37			95 x 70	140 x 199	23 x 75	•
			337	74 x 208	122 x 355	52 x 26	
				198 x 55	146 x 165	16 x 3	
				151 x 24	133 x 86		
				77 x 37	17 x 116		
D :	1 C C	•		73 x 35	24 x 44	61	
RI	A V	As		21 x 0			
	чл	N 3					
					596		
				445			

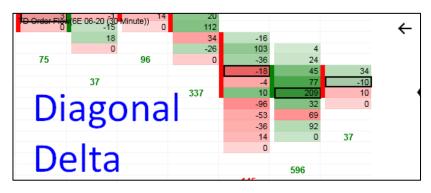
Delta: Prints volumes traded on Ask minus volumes on Bid. This represents who dominates the market. Positive delta represents strong buyers, negative delta represents strong sellers.



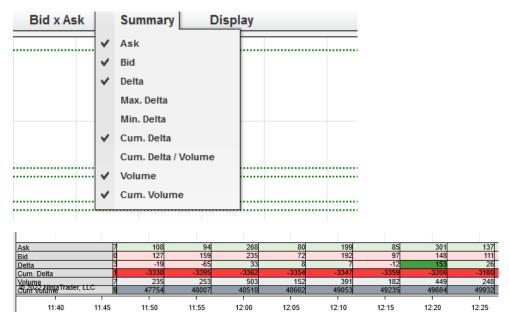
Volume: Prints sum of volumes traded on Bid and on Ask.

517	190	197	482				
TD Order 11/ 124	(6E 06-20 (30 134	Minute))					
124		13	-				←
	238		343	136			
	57		220	441	43		
75		96	80	314	92		
				679	577	200	
	37			305	873	206	
			337	543	975	166	
				468	524	34	
				293	442		
				259	212		
\ \	/olı	100	\sim	206	95	71	
	/ () []		8	24			
			<u> </u>				
					596		
				145			

Diagonal Delta: The same as Delta, but this one compares Bid/Ask diagonally. This gives you more accurate information than standard Delta.



The **second button** lets you chose what to display in the footprint summary below the chart.



The third button (Display) lets you chose if you want to display Volume Profile, Volume Imbalances, and Unfinished Business in your chart.

Bid x Ask	Summary		Display	_
		~	Volume Profile	
		~	Volume Imbalances	
		~	Unfinished Business	

Settings available from "Data Series"

Access these settings by right-clicking the chart \rightarrow Data Series

Value = time frame. If you use 5, then the Order Flow will show executed orders in 5 minute footprints.

Instrument Select V		
Applied	Properties	
6E 06-22 (TDOFBars(5m))	✓ Data Series	
	BarsPeriod	Minute 🗸
	Calculation	BidAsk 🗸
	Price based on	Last 🗸
	Туре	TDOFBars V
	Value	5
	Min. Trade Size	0

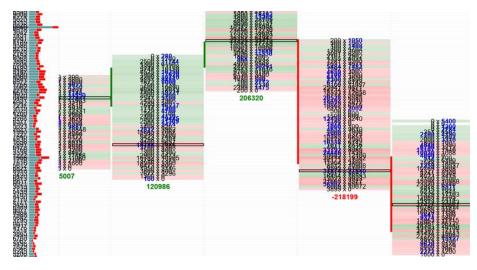
Min. Trade Size:

A special feature (also called the Trades Filter) which allows you to filter out smaller trading orders and show only the big ones. If you set it for example to 25, then the OF will only show trades where the volumes were bigger than 25. This is a great tool for tracking big trading institutions. I prefer to use this with **Cell content = Bid/Ask** and with **Candle Ladder Type.** Like here:

30 Minute))0 0020 18:0030 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 <	0 0			0 0 0 54 0 68 0 0 0 0		
---	---	--	--	--	-----------------------------------	--	--

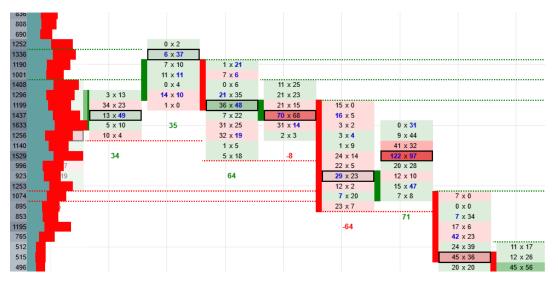
Ticks Aggregation (VERY IMPORTANT !!!)

Some trading instruments will have the price axis divided into too many small ticks. If they do, then the Order Flow will look messy like this (and it could also slow down your computer performance). This is simply too much detail that you don't need:



You can get rid of this by adjusting the Ticks aggregation. It is Default =1. If you set it to "2", then the number of cells in each footprint will be 2x less. If "10", then ten times less.

This will make your chart easy to read and work with. I recommend using this with all the "too detailed" charts. Order Flow should be easy to read, for example like this (and not as messy as the picture above).

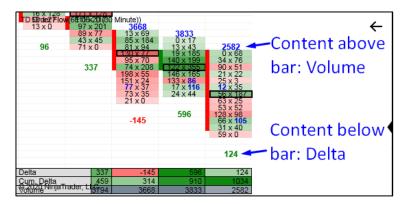


I made a video on this. I recommend checking it out. In the video I show this using an older Order Flow version, but the logic is the same here as well: <u>https://www.trader-dale.com/how-to-adjust-tick-size-in-ninjatrader-8-and-make-it-a-lot-faster/</u>

Content Above & Below bar:

Content Above Bar	None	~
POC Color Outline	Black	~
Content Below Bar	Delta	×

Here you can select what shows above and below each footprint



POC Cluster Background Color: Place where the heaviest volumes in the footprint were traded is called the Point of Control (POC). The software highlights it by putting it in a black frame. If there are more POCs next to each other at the same price level then those will get highlighted in yellow.

POC Color Outline	Black	~
Content Below Bar	Delta	×
POC Cluster Background Color	Yellow	~

TD Order Flow(6E 06-	-20 (30 Minute	:))					→
		0 x 67	0 x 85		15 x 45		
		49 x 53	169 x 60	1x2	15 x 45 32 x 20		
		43 x 33	218 x 25	59 x 65	41 x 62	3 x 66	
	10 x 145	3 x 15	82 x 0	77 x 30	🗾 43 x 0	37 x 47	0 x 5
	106 x 52	13 x 0				39 x 27	23 x 14
0 × 40	22 x 27 31 x 0		-299		-4	2 x 0	37 x 40
0 x 40 33 x 65	31 X U	41		-40	-		45 x 59 < 85 x 0
23 x 48		41	2,		C at t	h an	03.00
28 x 102	55		5/			.ne	
56 x 135							-72
106 x 20			52	me	price		
49 x 0			50	inic	price		
		POC					
115		FUC					

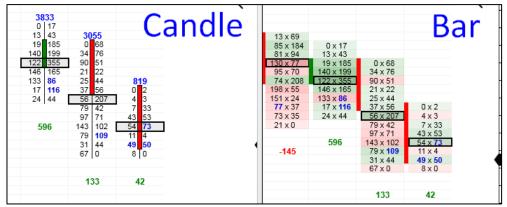
Unfinished Business:

Detects Unfinished businesses (failed auctions) and prints a line there. The line will print until the price tests it.

	0 x 142		2 x 76									
	16 x 113		61 x f							0 x 63	0 x 25	
[82 x 308	0 x 2	123 x 131	0 x 26						69 x 236	88 x 45	
	102 x 30	16 x 4	82 x 2	56 x 96					0 x 30	101 x 151	77 x 147	Г
	36 x 27	101 x 209	77 x 160	85 x 110		0 x 33	0 x 2		12 x 25	116 x 113	84 x 101	
	123 x 128	98 x 142	248 > 0	104 x 20		67 x 42	15 x 65		8 x 43	24 x 176	76 x 38	
	200 x 155	207 x 36		14 x 38	0 x 4	68 x 56	32 x 69		51 x 55	35 x <mark>65</mark>	51 x 4	1
	97 x 63	153 x 207		53 x 41	<mark>50</mark> x 56	21 x 95	66 x 72	7 x 7	66 x 88	16 x 0		
	57 x 102	49 x 109		25 x 0	37 x 31	51 x 59	16 x 18	10 x 49	108 x 18			
	56 x 135	73 x 11			61 x 25	92 x 2	49 x 40	93 x 85	7 x 1			
	62 x 88				51 x 4	5 x 11	1 x 0	80 x 78	21 x 13			
	64 x <mark>35</mark>				17 x 37	3 x 23		36 x 57	27 x <mark>32</mark>			
	0 x <mark>69</mark>				172 x 262	9 x 17		29 x 38	5 x 0			
	3 x 18	· \			120 x 124	53 x 4		29 x 10				
	3 x <mark>51</mark>	· \			79 x 7	48 x 25		2 x 0				
	7 x 50				2 x 0	20 x 0						
	40 x 57		•									
	15 x 19	L	nf:n	ich c	۰. م له	aina	~~					
	5 x 11	U	nin	ishe	น่อน	sine	55					
1 0 y 32	28 x 20											

Mode: Bar/Candle: Visual setting. I prefer using the Bar because it allows me to see different shades of the color depending on volumes traded.





Volume Imbalance: Imbalance is when Bid is **300%** (default) bigger than Ask, or Ask **300%** bigger than Bid (diagonally!). This shows aggressivity and dominance of Buyers over Sellers or the Sellers over Buyers.

A Buying Imbalance is shown on Ask and represents strong Buyers. Selling Imbalance is on Bid and represents strong Sellers. Imbalances are printed in blue color (default).

					0 x 30	101 x 151	77 x 147	66 x 28
	0 x 33	0 x 2			12 x <mark>25</mark>	116 x 113	84 x 101	82 x 49
	67 x 42	15 x 65			8 x 43	24 x 176	76 x 38	43 x 13
0 x 4	68 x 56	32 x 69			51 x 55	35 x 65	51 x 4	14 x 0
50 x 56	21 x 95	66 x 72	7 x 7	7	66 x 88	16 x 0		
37 x 31	51 x 59	16 x 18	10 x 4		108 x 18		\mathbf{V}	
61 x 25	92 x 2	49 x 40	93 x 8	_	7 x 1		()	
51 x 4	5 x 11	1 x 0	80 x 7		21 x 13	Buving	imbal	ance
17 x 37	3 x 23		36 x 5		27 x 32	Daying	, miloan	annee
172 x 262	9 x 17		29 x 3		5 x 0			
120 24 79 x 7	53 x 4 48 x -		29 x 1					
2x0	40 X 2 20 X		2 X I	J				
2.00	20 A							
		C						
	Sellir	ng ir	nb	alanc	ce			
 Volume I 								
								F
Display Stacked Imbalances								
Stacked Imbalance At Ask Line Color			olor		LightGree	en	~	
Imbalance At Ask Text Color					MediumB	Blue	~	
Stacked	l Imbalance I	Box Size][5				
Stacked	d Imbalance :	Size	[3				
Stacked Imbalance Opacity				50				
Minimal Imbalance Volume				0				
Imbalance Trigger in Percent				300				
Stacked Imbalance Box Draw Mode				UntilTested V				
Imbalance At Bid Text Color				MediumBlue 🗸				
Multiple Imbalances in Bar Threshold				3				
Stacked	Imbalance/	At Bid Line Co	lor	LightCoral 🗸				

Solid, 2px

Arial, 11px

Highlight Multiple Imbalances

Multiple Imbalances in Bar Outline

Volume imbalance Font

Imbalance cluster box draw mode: Draws a highlighted box from place with Stacked Imbalances (= more imbalances at top of each other). Such places represent S/R zones. You can get this box drawn **Until Tested** or just in the next few bars.

Stacked Imbalance Size: Determines how many Stacked Imbalances there need to be in order to print the highlighted box. The default setting is 3, so when there are 3 or more Stacked Imbalances, then the box will get drawn:

0 x 142		2 x 76							
16 x 113		61 x 64							0 x 63
82 x 308	0 x 2	123 x 131	0 x 26						69 x 236
102 x 30	16 x 4	82 x 72	56 x 96					0 x 30	101 x 151
36 x 27	101 x 209	77 x 160	85 x 110		0 x 33	0 x 2		12 x <mark>25</mark>	116 x 113
123 x 128	98 x 142	248 x 0	104 x 20		67 x 42	15 x 65		8 x 43	24 x 176
200 x 155	207 x 36		14 x 38	0 x 4	68 x 56	32 x 69		51 x 55	35 x 65
97 x 63	153 x 207		53 x 41	<mark>50</mark> x 56	21 x 95	66 x 72	7 x 7	66 x 88	16 x 0
57 x 102	49 x 109		25 x 0	37 x 31	51 x 59	16 x 18	10 x 49	108 x 18	
56 x 135	73 x 11			61 x 25	92 x 2	49 x 40	93 x 85	7 x 1	
62 x 88				51 x 4	5 x 11	1 x 0	80 x 78	21 x 13	
64 x <mark>35</mark>	D		1	17 x 37	3 x 23		36 x 57	27 x <mark>32</mark>	
0 x 69	Buyir	ng Imba	lance	172 x 262	9 x 17		29 x 38	5 x 0	
3 x 18	box			120 x 124	53 x 4		29 x 10		
3 x <mark>51</mark>	DOX			79 x 7	48 x 25		2 x 0		
7 x 50				2 x 0	20 x 0				
40 x 57									
15 x 19 four Stacked buying Imbalances									
5 x 11	100	, stat		ayıng	insui	unces			

Imbalance Trigger In Percent: This is a rule where you set how much bigger the Bid or Ask needs to be in order to get marked as an Imbalance. I prefer to use the Default setting (300%).

Volume Profile: Gives you an option to add Daily Volume Profile into the OF chart.

Widthin pixels

100

4246 6176 5280 65 65 65 5280 65 5280 65 5280 65 522 KS1 73 5906 47 X43 47 X68 12 5906 5528 0 42 x 0 40 12 22 XS5 173 5906 47 X43 26 12 47 X43 26 12 12 12 12 12 12 12 12 12 12	0x142 10x131 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x2x30 10x20
 Volume Profile Display on Right Display Prices Display Volumes Display Volume Profile Volume at ask color Volume at bid color 	 □ ✓ ✓ CadetBlue ✓ Red ✓

TD Cumulative Delta

1. Create a new chart and set the settings like this (only the ones in red brackets, the rest is up to you):

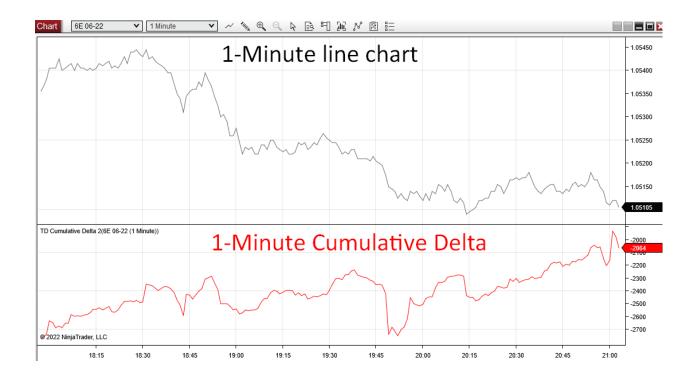
Applied F	oad template only (layout, indicators, ar Properties ▼ Data Series	nd style) <none></none>
	-	
6E 06-22 (1 Minute)	✓ Data Series	
	Price based on	Last 🗸
	Туре	Minute 🗸
	Value	1
	Tick Replay	
-	 Time frame 	
	Load data based on	Days 🗸
	Days to load	5
	End date	🔲 02/05/2022 🗸 🗸
	Trading hours	<use instrument="" settings=""></use>
	Break at EOD	
•	✓ Chart style	
	Chart style	Line on Close 🗸 🗸
	Bar width	1
	Color	DimGray 🗸
	Name	Line on Close

*IMPORTANT – Tick replay should be OFF.

2. Right-click the new chart and go to "Indicators". You will find the "TD Cumulative Delta 2" in the TraderDale folder.

Indicators	
Available	i 🗘
TraderDale TD Cumulative Delta 2	
ADL ADX ADXR APZ Aroon Aroon oscillator ATR	

- 3. Double-click it to add it to the active indicators list.
- 4. No need to change any settings. Press OK, and the Cumulative Delta will show on your chart like this:

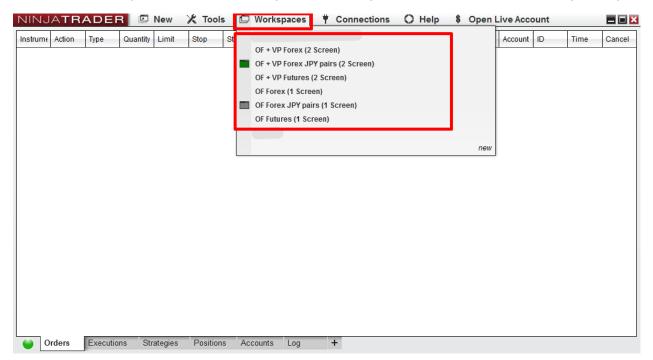


TD Custom Workspaces

You can download and use Custom Workplaces which I made for you. This way you won't need to tweak the settings too much and just use the pre-made Workspaces.

How to do this:

- Download the Workspaces (from Members area → Order Flow). They are in .zip file, so you need to extract them first. Then copy those extracted .xml files into: Documents\NinjaTrader 8\workspaces
- 2. Start NinjaTrader 8
- 3. Go to Workplaces and select a workplace that suits you best. Then it will automatically load up.



I made workspaces for 1 Screen, and also for 2 Screens. They look like this:

Custom workspaces:

OF Futures (1 Screen)





OF +VP Forex (1 Screen)

OF + VP Futures (2 Screen)



OF + VP Forex (2 Screen)



I wish you a lot of profitable trades with your new trading software!

-Dale