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**Risk Disclosure** Futures trading contains substantial risk and is not for every investor. An investor could potentially lose all or more than the initial investment. Risk capital is money that can be lost without jeopardizing ones' financial security or lifestyle. Only risk capital should be used for trading and only those with sufficient risk capital should consider trading. Past performance is not necessarily indicative of future results.

## What is the BET Limit Buttons and OCO Timers for NinjaTrader 8

Here at Bars Edge Trader, we will use Limit orders 90% of the time. Over time we developed a button pack that made it easier to run a limit order, we also wanted to use a timer to run an OCO order "One Cancels the Other" to take advantage of news cycles semi-automatically so we may concentrate on other markets during the day.

We wanted to take advantage of using different ATMs and accounts on the same chart. For instance, if we see the trend as mainly short but with reversals that are long bars we may setup an ATM to only take a few ticks long so as to scalp that entry but keep a 5-point ATM for going short to follow the trend. This flexibility has help us stay profitable.

### Specifications and Requirements;

NinjaTrader 8 desktop Chart

TIF (Time in Force) **DAY ONLY**

**Stop Limit orders ONLY**

Developed and Tested for Future Traders

*We have not tested for FOREX or Stocks*

## The Properties of the BET Limit Buttons & OCO Timers

**Properties**

- ▼ **Limit1 Buy Parameters**

ATM Template Name	ATM Name
Account Name	Account Name or Number
Long Limit Ticks	40
Order Qty	1
- ▼ **Limit2 Sell Parameters**

ATM Template Name	ATM Name
Account Name	Account Name or Number
Short Limit Ticks	40
Order Qty	1
- ▼ **Limit3 OCO Parameters**

ATM Template Name	ATM Name
Account Name	Account Name or Number
Buy Limit Ticks	40
Sell Limit Ticks	40
Order Qty	1
- ▼ **Time Limit OCO1 Parameters**

Use Limit OCO1 on Time	<input type="checkbox"/>
Limit OCO1 Chart Time Start	🕒 08:30 AM
Limit OCO1 Chart Time Stop and Cancel	🕒 08:35 AM
ATM Template Name OCO1	ATM Name
Account Name OCO1	Account Name or Number
Buy Limit Ticks OCO1	20
Sell Limit Ticks OCO1	20
Order Qty OCO1	1
OCO1 Box Color for Entry	<span style="display: inline-block; width: 15px; height: 10px; background-color: #42a5f5; border: 1px solid #ccc;"></span> CornflowerBlue

**Properties, All TIF are DAY**

**Limit1 Buy Parameters** "this is for Stop Limit Buy Order Button"

**ATM Template Name**, this is the name of the ATM you created and want to use for the Buy Limit button.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, Playback101, 45768, MySimAccount1".

**Long Limit Ticks**, the ticks above the current price you want to place the Buy Limit.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created to give you the greatest possible flexibility. *You may want to use the same ATM for both Buy and Sells, but use different Quantities due to market conditions at that time.*

**Limit2 Sell Parameters** "this is for Stop Limit Sell Order Button"

**ATM Template Name**, this is the name of the ATM you created and want to use for the Sell Limit button.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, Playback101, 45768, MySimAccount1".

**Short Limit Ticks**, the ticks below the current price you want to place the Sell Limit.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created, we wanted to give you the greatest possible flexibility. *You may want to use the same ATM for both Buy and Sells, but use different Quantities due to market conditions at that time.*

**Limit3 OCO Parameters** "this is for OCO Button "One Cancels the Other" Stop Limit Buy/Sell Order"

**ATM Template Name**, this is the name of the ATM you created and want to use for the Buy/Sell OCO Limit button.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, Playback101, 45768, MySimAccount1".

**Long/Short Limit Ticks**, the ticks above & below the current price you want to place the Buy/Sell Limit Order.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created, we wanted to give you the greatest possible flexibility. *You may want to use the same ATM as both Buy and Sells, but use different Quantities due to market conditions at that time.*

**Time Limit OCO Parameters**, this is the first timer for a OCO entry,

**Use Limit OCO1 on Time**, Check box, checking this will cause the program to look at the time and insert an OCO order based on the below parameters. **NOTE:** *If you set this check box and the time has already passed this may cause an immediate entry!*

**Limit OCO1 Chart Time Start**, set this time when you want an OCO limit entry to occur. E.g. 9:00 am *CME time CPI numbers are announced and you want to enter then.*

**Limit OCO1 Chart Time Stop and Cancel**, sets the time you want to stop waiting for a market entry and if there isn't an entry you want to cancel the OCO. Make sure you give yourself enough time, if you are using a 5-minute bar you might want to wait 10 minutes before canceling out. This will also uncheck the Limit time check box.

**ATM Template Name**, this is the name of the ATM you created and want to use for the OCO Limit time entry.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, PlayBack101, 45768, MySimAccount1".

**Long/Short Limit Ticks**, the ticks above & below the current price you want to place the Buy/Sell Limit Order OCO.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created, we wanted to give you the greatest possible flexibility. *You may want to use the same ATM as both Buy and Sells, but use different Quantities due to market conditions at that time.*

**OCO1 Box Color for Entry**, if an entry did occur a box is placed on the bar an entry occurred. This made it easier to monitor multiple markets. You can always set this transparent if you don't want to see it.

**Properties**

Use Limit OCO2 on Time	<input type="checkbox"/>
Limit OCO2 Chart Time Start	🕒 08:40 AM
Limit OCO2 Chart Time Stop and Cancel	🕒 08:45 AM
ATM Template Name OCO2	ATM Name
Account Name OCO2	Account Name or Number
Buy Limit Ticks OCO2	40
Sell Limit Ticks OCO2	40
Order Qty OCO2	1
OCO2 Box Color for Entry	<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Gold
<b>Time Limit OCO3 Parameters</b>	
Use Limit OCO3 on Time	<input type="checkbox"/>
Limit OCO3 Chart Time Start	🕒 08:50 AM
Limit OCO3 Chart Time Stop and Cancel	🕒 08:55 AM
ATM Template Name OCO3	ATM Name
Account Name OCO3	Account Name or Number
Long Limit Ticks OCO3	60
Short Limit Ticks OCO3	60
Order Qty OCO3	1
OCO3 Box Color for Entry	<span style="background-color: magenta; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Magenta
<b>Time OCO Limit Parameters</b>	
Text Box OutLine Color	<span style="background-color: blue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Blue
Info Box Display Corner	4
<b>Data Series</b>	
Input series	MNQ 09-24 (5 Minute)
<b>Setup</b>	
Calculate	On each tick
Label	Bet.Buttons & OCO Limit Timers Rev3
Maximum bars look back	256

*template*

**Time Limit OCO Parameters**, this is the 2nd timer for a OCO entry

**Use Limit OCO2 on Time**, Check box, checking this will cause the program to look at the time and insert an OCO order based on the below parameters. **NOTE:** *If you set this check box and the time has already passed this may cause an immediate entry!*

**Limit OCO2 Chart Time Start**, set this time when you want an OCO limit entry to occur. E.g. 9:00 am *CME time CPI numbers are announced and you want to enter then.*

**Limit OCO2 Chart Time Stop and Cancel**, sets the time you want to stop waiting for a market entry and if there isn't an entry you want to cancel the OCO. Make sure you give yourself enough time, if you are using a 5-minute bar you might want to wait 10 minutes before canceling out. This will also uncheck the Limit time check box.

**ATM Template Name**, this is the name of the ATM you created and want to use for the OCO Limit time entry.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, PlayBack101, 45768, MySimAccount1".

**Long/Short Limit Ticks**, the ticks above & below the current price you want to place the Buy/Sell Limit Order OCO.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created, we wanted to give you the greatest possible flexibility. *You may want to use the same ATM as both Buy and Sells, but use different Quantities due to market conditions at that time.*

**OCO2 Box Color for Entry**, if an entry did occur a box is placed on the bar an entry occurred. This made it easier to monitor multiple markets. You can always set this transparent if you don't want to see it.

**Time Limit OCO Parameters**, this is the 3rd timer for a OCO entry

**Use Limit OCO3 on Time**, Check box, checking this will cause the program to look at the time and insert an OCO order based on the below parameters. **NOTE:** *If you set this check box and the time has already passed this may cause an immediate entry!*

**Limit OCO3 Chart Time Start**, set this time when you want an OCO limit entry to occur. E.g. 9:00 am *CME time CPI numbers are announced and you want to enter then.*

**Limit OCO3 Chart Time Stop and Cancel**, sets the time you want to stop waiting for a market entry and if there isn't an entry you want to cancel the OCO. Make sure you give yourself enough time, if you are using a 5-minute bar you might want to wait 10 minutes before canceling out. This will also uncheck the Limit time check box.

**ATM Template Name**, this is the name of the ATM you created and want to use for the OCO Limit time entry.

**Account Name**, this is the account you want to use, this can be Numbers or Letters e.g. "Sim101, PlayBack101, 45768, MySimAccount1".

**Long/Short Limit Ticks**, the ticks above & below the current price you want to place the Buy/Sell Limit Order OCO.

**Order Qty**, the order quantity of the Limit order, this is independent of the ATM you have created, we wanted to give you the greatest possible flexibility. *You may want to use the same ATM as both Buy and Sells, but use different Quantities due to market conditions at that time.*

**OCO3 Box Color for Entry**, if an entry did occur a box is placed on the bar an entry occurred. This made it easier to monitor multiple markets. You can always set this transparent if you don't want to see it.

**Time OCO limit Parameters**, this is an info text box displaying the timer setpoints.

```
OCO1 Limit Time Start 08:30:00  
OCO2 Limit Time Start 08:40:00  
OCO3 Limit Time Start 08:50:00
```

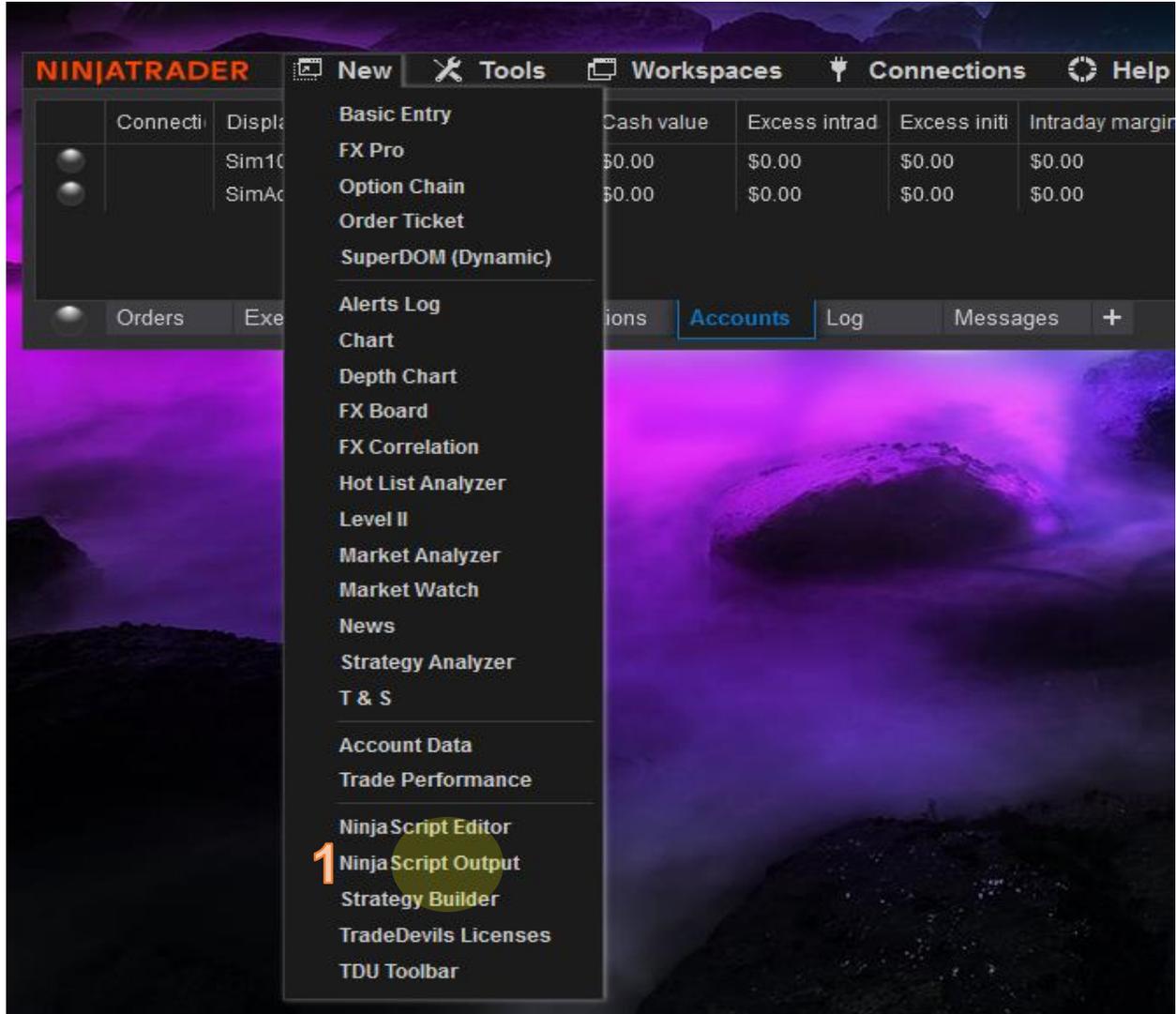
**Text info box outline color**, pick a color for the box outline

**Info text box display corner**, puts the box in either 1 lower right, 2 upper right, 3 upper left, 4 lower left corner. Also, above the buttons we display "OCO Limit Timer" if any of the check boxes have been checked. This display will stay active until the app has been reset.

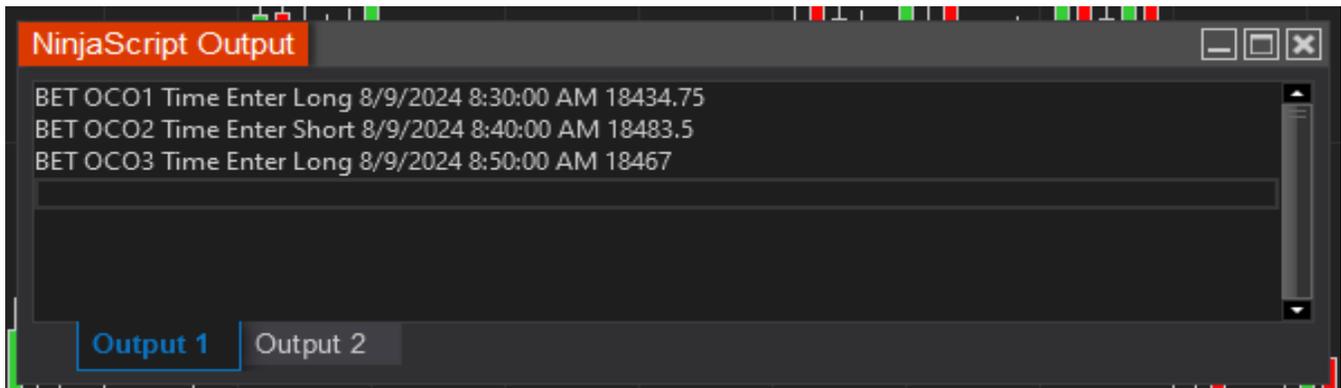
As for all others setups parameters please leave **Calculate** to update on each tick, this will give the best timing.

### Monitor the System with NinjaScript Output

You can monitor the automated system functions and errors using the NinjaTrader 8 NinjaScript Output window.



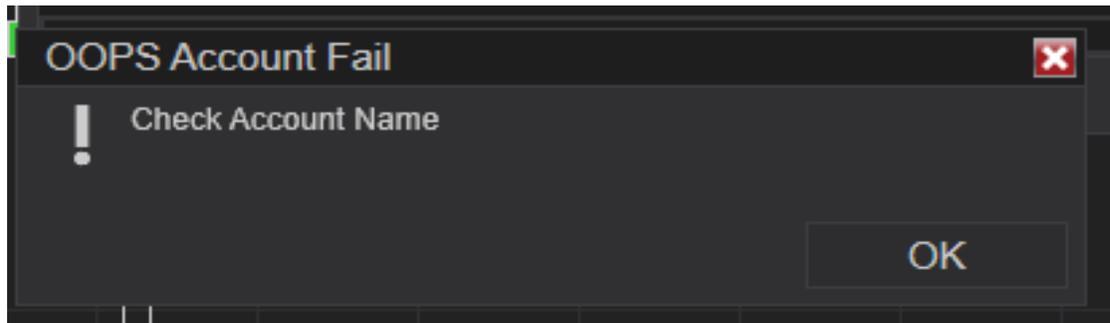
On the NinjaTrader 8 main screen, go to New, then Ninja Script Output, select and click, this will open up the NinjaScript Output window.



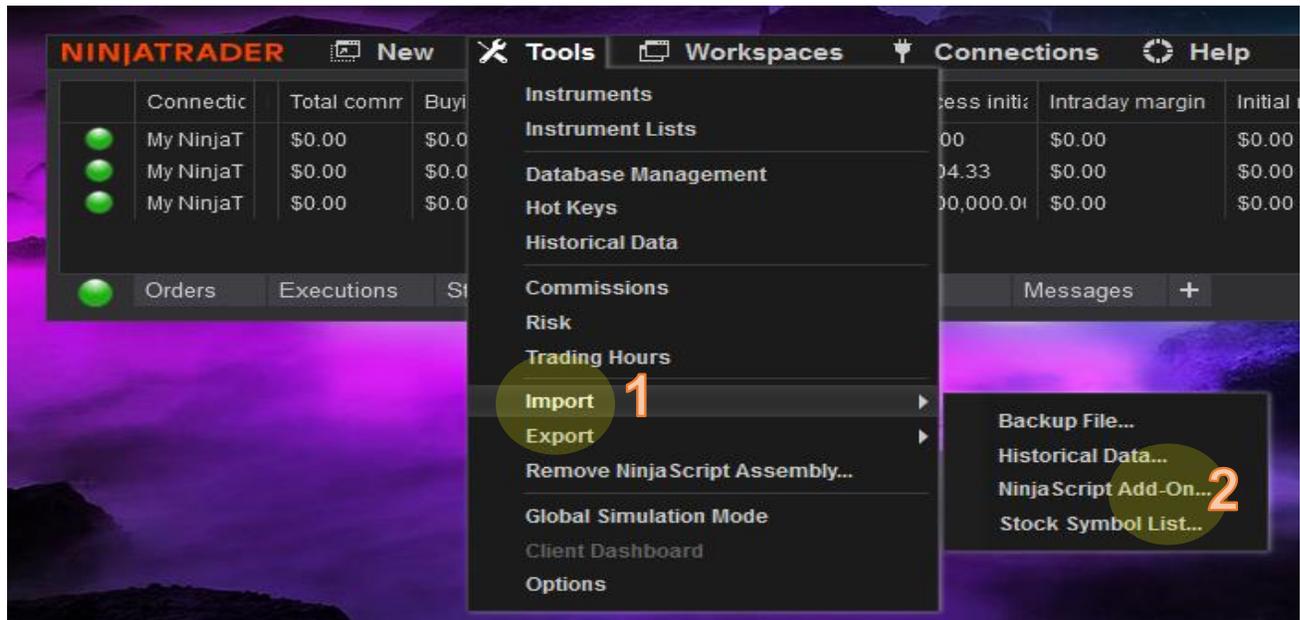
Information that may be displayed; all with time date stamp when the OCO timers' entries occurred.

**TIP:** Right click on the window and set "Always On Top" this will keep the window from being minimized.

**OPPS Screen**, the app will detect if the account name or the ATM name is incorrect. Also, NinjaTrader will also throw out several error screens if things are mis-spelled or incorrectly entered when working with the LIMIT entries and OCOs.

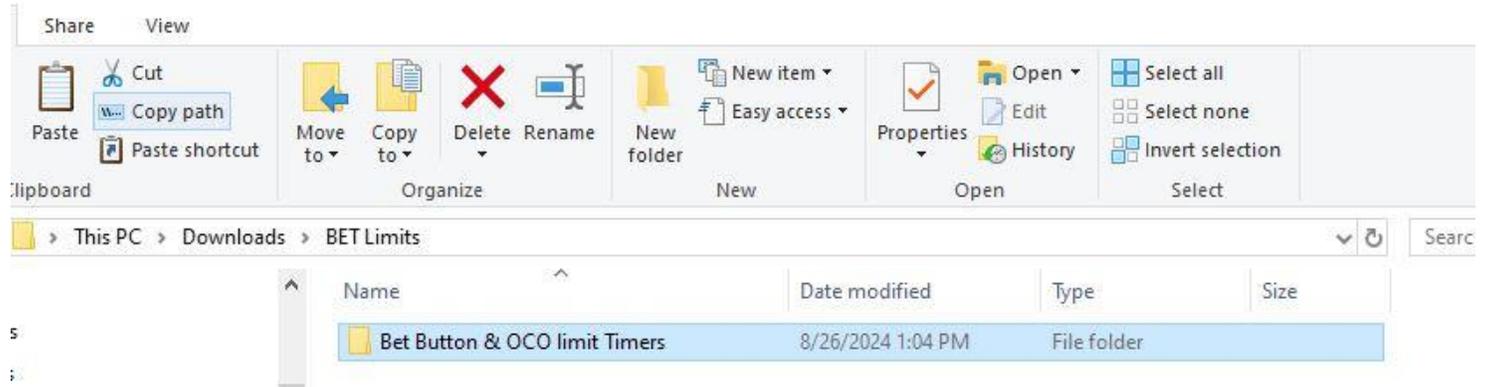


### Installation of BET Limit & OCO Timers



On the main window, Click Tools, go to Import, then click on **Ninja Script Add-On**

BET Limits



Next go to the file area where you downloaded the BET indicator

Then Click on the file name, this will open up the file to display a ZIP file. Next double click the zip file and this will start the installation process.

For more information on installing add-on; go to link below

[https://ninjatrader.com/support/helpGuides/nt8/NT%20HelpGuide%20English.html?using\\_3rd\\_party\\_add-ons.htm](https://ninjatrader.com/support/helpGuides/nt8/NT%20HelpGuide%20English.html?using_3rd_party_add-ons.htm)