



## INDICATOR MANUAL

# DAY TRADING SIGNAL INDICATOR

# DAY TRADING MA SCANNER



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## 1. Ninja Trader Machine ID

We'd like to thank you for purchasing one of our indicators. We really appreciate your vote of confidence in our business and look forward to serving you as one of our valued customers.

If you've already downloaded, installed, and begun working with your indicator that's great. If not, before you begin, we need to let you know that all indicators need to be properly licensed to your NinjaTrader platform before the initial use.

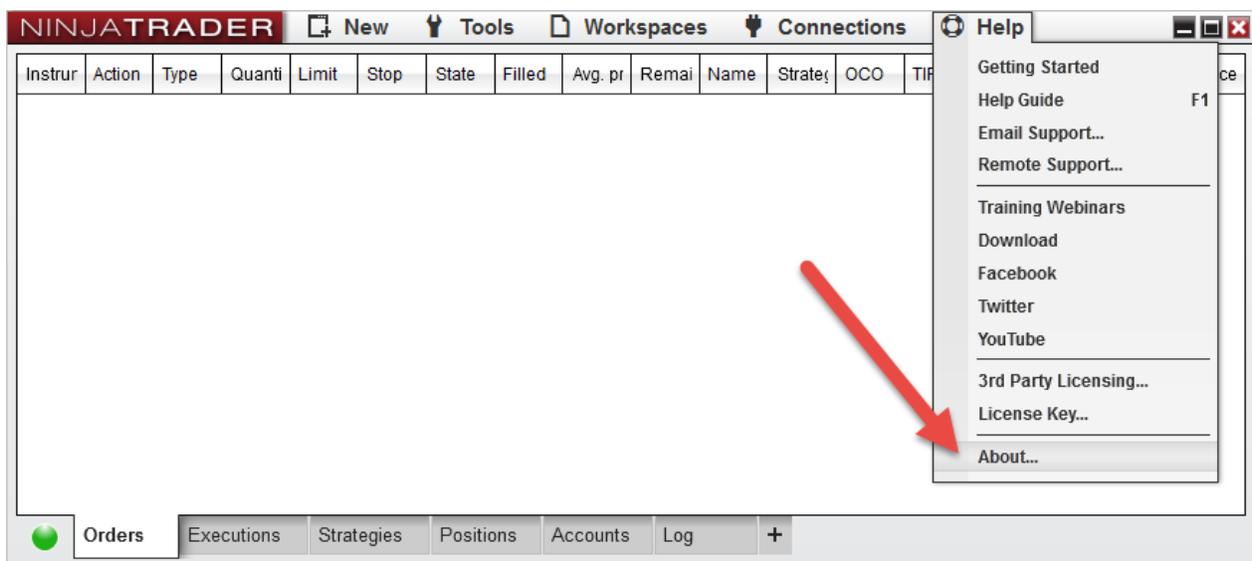
**If you provided us with a copy of your NinjaTrader Machine ID at the time of your purchase, then no further action is required. However, if you did not provide your NinjaTrader Machine ID at the time of your purchase, please send us an email to [customerservice@ninjacators.com](mailto:customerservice@ninjacators.com) and provide us with your NinjaTrader Machine ID to avoid any interruption in the service.**

Here are some instructions on how to find your NinjaTrader Machine ID.

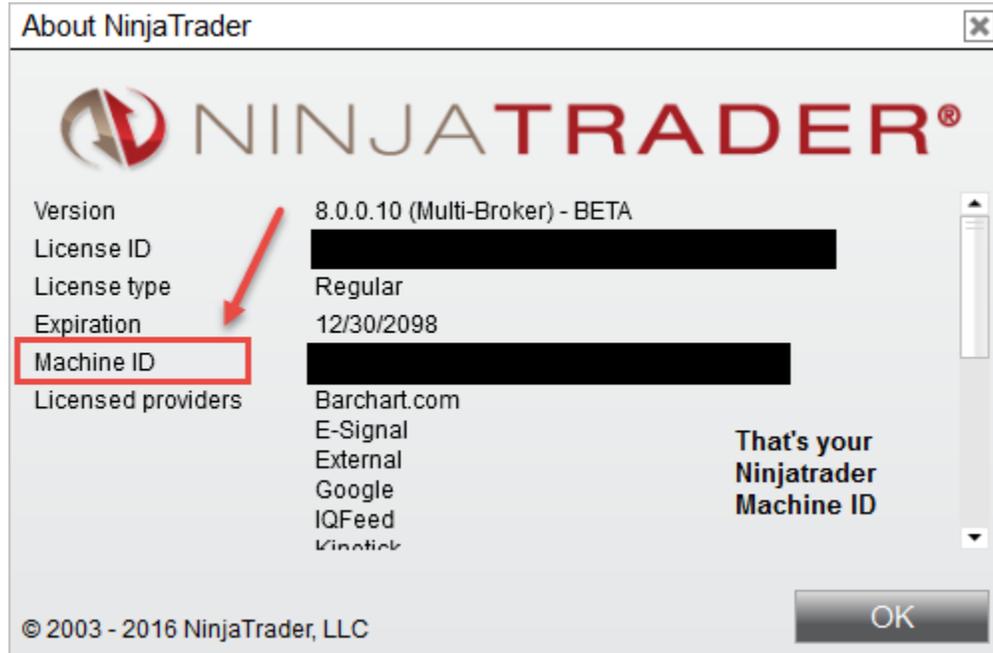
Your NinjaTrader Machine ID is located within your NinjaTrader.

1. Open your NinjaTrader
2. Go to the NinjaTrader Control Center
3. Click on the 'Help' Section in the upper menu
4. Click on 'About' (see Picture Number 1)
5. After you click the 'About' button another window will pop up on your screen. This is where you will find your NinjaTrader Machine ID (see Picture 2)

Picture 1:



Picture 2:



[Watch a quick Video on how to find your NinjaTrader Machine ID](#)

Once you have this information, please send us an email to [customerservice@ninjacators.com](mailto:customerservice@ninjacators.com), copy and paste your NinjaTrader Machine ID into the email, and send the email.

**PLEASE NOTE:** *If your NinjaTrader Machine ID changes, please provide us with your new NinjaTrader Machine ID and we will change the ID in our system without any cost to you.*

## 2. Indicator Installation

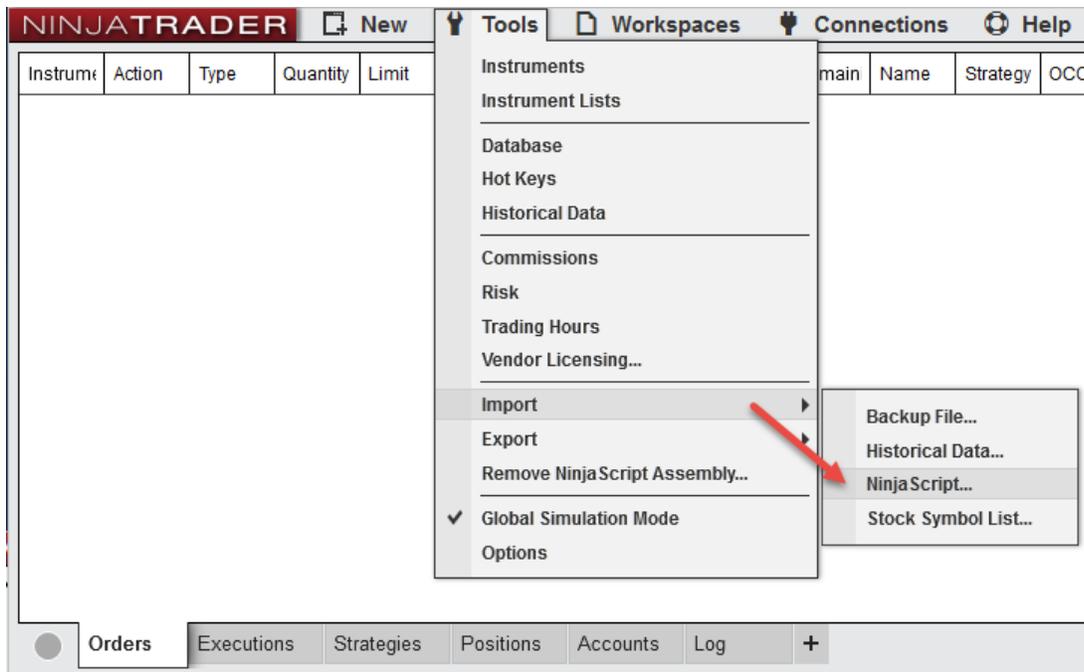
To import an indicator to your NinjaTrader, please be sure that you are saving the provided .zip indicator file to your PC. **Do NOT open or unzip the file!**

You simply want to save the file in the same format as you download it, so that it stays zipped. NinjaTrader will do the hard part for us.

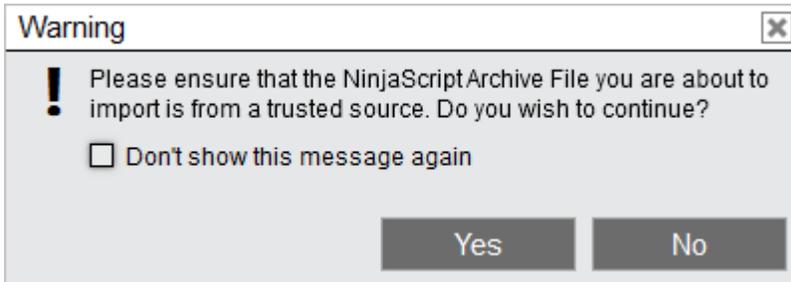
Please use the following steps to install the indicator:

- Open NinjaTrader
- The Control Center will be the first window that is displayed when opening NinjaTrader
- In the Control Center go to >Tools>Import>NinjaScript... (Picture 1)
- Navigate to and choose the indicator file (starts with 'ncat')
- In case a Warning messages appears like seen in Picture 2– Click 'Yes'  
Also, if you would not like the message to appear every time you install an indicator, just check the 'Don't show this message again' box.
- After the successful import of the indicator you will receive a notification shown in Picture 3 below. Just click 'OK' and the process is finalized
- **IMPORTANT: Restart your NinjaTrader after the initial indicator import!**

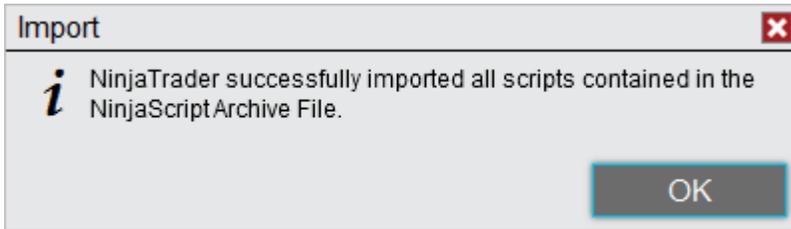
Picture 1:



Picture 2:



Picture 3:



[Watch a quick video on how to install an indicator](#)

### 3. How to add an indicator to your Chart

Here is how you add an indicator to your Chart:

1. Open a new 'clean' chart. For the first installation and activation of an indicator please use a 'clean' chart without anything on it. No other indicators or templates, just use the default NinjaTrader Chart template.
2. There are 3 different ways to add an indicator to a chart
  - a) Right Mouse Click on the chart – Click on 'Indicators' in window
  - b) Push Ctrl + I on your Keyboard at the same time
  - c) Click on the 'Indicators' Icon in the Chart main navigation
3. New Window 'Indicators' shows up with all available Indicators listed. Highlight the indicator you would like to add to the chart (Remember that Ninjacators Indicators all start with 'ncat') Under 'Configured' – click on 'add' to add the indicator
4. Highlight the indicator and you can start changing the Indicator Properties. Please take a look at the next Step 4 on how to place your Order ID for instructions on the indicator activation.

#### 4. How to place your Order ID

You may have already placed your Order ID in your indicator to authorize it, and if you did, no further action is required. **However, if you have not, please follow the additional instructions below to avoid any interruption in your service.**

Each indicator you purchase from Ninjacators will only start working if you provide us with your NinjaTrader Machine ID (point #1 in this manual) and when you use your unique Order ID.

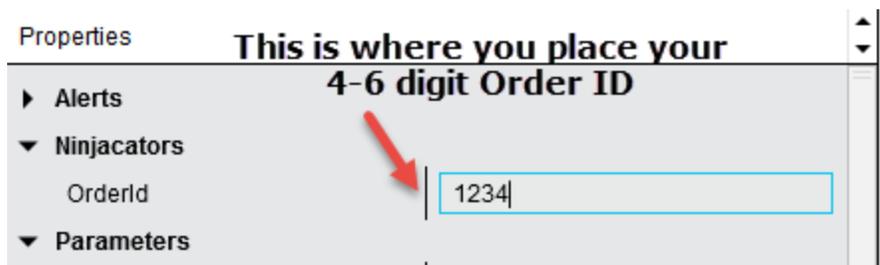
Your unique Order ID can be found inside your email with the Subject Line: IMPORTANT: Your Personal Order ID for Indicator Verification. See example on the picture below (Picture 3):

Picture 3:



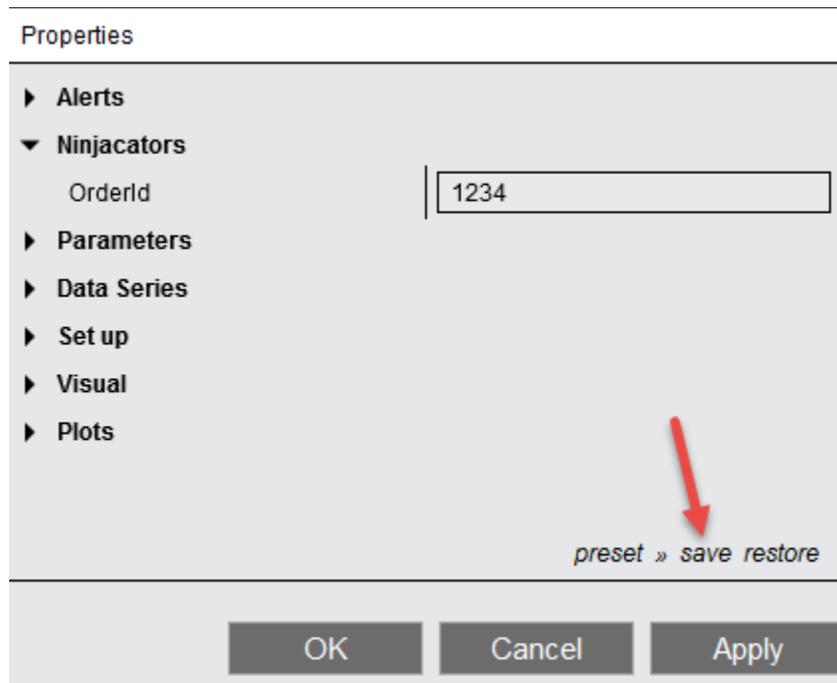
Please take only the 4-6-digit Order ID, only the number (NOT the text or anything else) and place it in the Ninjacators Order ID field inside the indicator settings menu. See example of an indicator window in the picture below (Picture 4):

Picture 4:



Once you've placed the correct Order ID in the Order ID field, please click on 'preset' at the bottom of the indicator settings menu and click on 'save' to make sure that the Order ID is saved as the default for this indicator. After the number is saved you will not need to add the number again, unless you delete the templates and/or reinstall the indicator. It's important to complete this step now, so that you do NOT have to repeat this process again in the future. (See Picture 5)

Picture 5:



Once you have completed these steps, and provided us with your correct NinjaTrader Machine ID, your indicator will be fully functional.

In case you applied the indicator to the chart without adding the Order ID to it first, the indicator might not start working after you added the Order ID. In this case, please save the Order ID and then restart your NinjaTrader. After the restart the verification should be successful and you can start using your Ninjacators indicator.

As always, if you have any technical issues, please call or email us so we can serve you better.

## 5. Indicator Description

The Day Trading Signal Indicator is based off of multiple popular indicators with the purpose of detecting short term opportunities for Day Traders. The indicator can be used in any market and asset class.

We like to use it on price based periods such as Rang (10 or 20 is preferred) but it can be used on any period, including price, time, or volume based.

You can use the indicator with the default settings by just displaying the trade entries (green and red diamonds). However, when you want to visualize the underlying indicators, you can turn the plot on/off directly from the chart menu.

These are the underlying indicators the Day Trading Signal is calculated on:

1. Bollinger Bands
2. Stochastics
3. Moving Averages

### **Entry Signal Generation Logic**

To generate an entry signal, a number of different factors need to occur in a logical order. Here a quick explanation, but please see the signal development for yourself by using the indicators on the chart:

#### *Short Entry Logic:*

1. Value of the Stochastics Indicator K line needs to be higher than XX (by default 60)
2. Price needs to “tackle” the Bollinger Band and Retrace back
3. Price needs to confirm movement
4. Signal bar needs to be a down bar
5. When all conditions match, plot entry signal

#### *Long Entry Logic:*

1. Value of the Stochastics Indicator K line needs to be lower than XX (by default 40)
2. Price needs to “tackle” the Bollinger Band and Retrace back

3. Price needs to confirm movement
4. Signal bar needs to be a down bar
5. When all conditions match, plot entry signal

## 6. Indicator Values

**The indicator is NinjaScript ready. The exposed values are:**

The indicator is NinjaScript ready and will integrate in your automated strategies and systems. You can call the values directly from your custom code:

UpperBoll[0]

LowerBoll[0]

Reversal[0]

Stohastics[0]

## 7. Indicator Settings

Properties	
<b>▼ Ninjacators</b>	
OrderId	<input type="text" value="1234"/>
<b>▼ Alerts</b>	
LongSignal	<input type="text" value="Disabled"/>
ShortSignal	<input type="text" value="Disabled"/>
<b>▼ Bollinger - Parameters</b>	
# of std. dev.	<input type="text" value="2"/>
MaType	<input type="text" value="EMA"/>
OffsetSignal	<input type="text" value="0"/>
Period	<input type="text" value="14"/>
<b>▼ Bollinger - Rule</b>	
Enabled	<input checked="" type="checkbox"/>
<b>▼ Email</b>	
EmailAddress	<input type="text"/>
EmailOnLong	<input type="text"/>
EmailOnShort	<input type="text"/>
<b>▼ Reversal - Parameters</b>	
MaType	<input type="text" value="SMA"/>
NumStdDev	<input type="text" value="2"/>
Period	<input type="text" value="14"/>
<b>▼ Reversal - Rule</b>	
BarSameWithDirection	<input type="checkbox"/>
TouchBand	<input type="checkbox"/>
<b>▼ Settings</b>	
Longcolor	<input type="text" value="LawnGreen"/>
PlotTickDistance	<input type="text" value="1"/>
ShortBrush	<input type="text" value="Red"/>
ShowBollinger	<input checked="" type="checkbox"/>
ShowPlot	<input checked="" type="checkbox"/>
ShowReversal	<input checked="" type="checkbox"/>
ShowStochastics	<input checked="" type="checkbox"/>

▼ <b>Stochastics - Parameters</b>	
PeriodD	<input type="text" value="7"/>
PeriodK	<input type="text" value="14"/>
Smooth	<input type="text" value="3"/>
▼ <b>Stochastics - Rule</b>	
Enabled	<input checked="" type="checkbox"/>
LongKLower	<input type="text" value="40"/>
ShortKHigher	<input type="text" value="60"/>
▼ <b>Data Series</b>	
Input series	<input type="text" value="ES ## ## (1 Minute)"/>
▼ <b>Set up</b>	
Calculate	<input type="text" value="On bar close"/> ▼
Label	<input type="text" value="ncatDayTradingSignal"/>
Maximum bars look back	<input type="text" value="256"/> ▼
▼ <b>Visual</b>	
Auto scale	<input checked="" type="checkbox"/>
Displacement	<input type="text" value="0"/>
Display in Data Box	<input checked="" type="checkbox"/>
Panel	<input type="text" value="Same as input series"/> ▼
Price marker(s)	<input checked="" type="checkbox"/>
Scale justification	<input type="text" value="Right"/> ▼
Visible	<input checked="" type="checkbox"/>
▼ <b>Plots</b>	
▶ Upper band	<input type="text" value="Line, Solid, 1px"/>
▶ Lower band	<input type="text" value="Line, Solid, 1px"/>
▶ Reversal	<input type="text" value="Dot, Solid, 2px"/>
▶ Stochastics	<input type="text" value="Dot, Solid, 2px"/>

*preset*

<b>NINJACATORS</b>	<b>Order ID:</b> Please see the 'How to place your Order ID' section of this manual
<b>ALERTS</b>	<p><b>LongSignal: Disabled</b> This will be the audio that is played when an alert for a long signal gets triggered.</p> <p><b>ShortSignal: Disabled</b> This will be the audio that is played when an alert for a short signal gets triggered.</p>
<b>BOLLINGER PARAMETERS</b>	<p><b># of std. dev.:</b> # of std. dev.</p> <p><b>MaType:</b> Moving Average Type MA</p> <p><b>Offset Signal:</b> Choose an offset in ticks to use extra price confirmation.</p> <p><b>Period:</b> BB Period</p>
<b>BOLLINGER RULE</b>	<p><b>Use Bollinger Band Calculation</b></p> <p><b>Enable:</b> True= Reversal filter with Bollinger Band 1 is active, False= this filter is turned off</p>
<b>EMAIL</b>	<p><b>EmailAddress:</b> Where to send the email alerts when a signal gets triggered</p> <p><b>Important:</b> You need to setup your Email in NinjaTrader first. Please use this <a href="#">link</a> to go to Ninjatrade 8 help guide and select Configuration&gt;Options&gt;General&gt;Managing Share Services&gt;Email Service Setup</p>
<b>REVERSAL PARAMETERS</b>	<p><b>MaType:</b> BB Moving Average Type</p> <p><b>NumStdDev:</b> Number of standard deviations</p> <p><b>Period:</b> BB Period</p>
<b>REVERSAL RULE</b>	<p><b>Bar Same With Direction:</b> True= Up Bar for long entry and down bar for short entry are required, False= this filter is turned off</p> <p><b>TouchBand:</b> True=Price needs to reverse under/over the Bollinger Band to get price confirmation. False = Filer is turned off. <b>Note: when you enable this option, please make sure you adjust the Reversal Parameters accordingly. The default NumStdDev = 2 is a conservative setting, so it creates a wide band. A smaller number will provide more signals.</b></p>
<b>SETTINGS</b>	<p><b>Longcolor:</b> Choose any color you like</p> <p><b>PlotTickDistance:</b> Choose the distance between plot and bar</p> <p><b>Shortbrush:</b> Choose any color you like</p> <p><b>ShowBollinger: True</b> – if set to false the bollinger is turned off</p> <p><b>ShowPlot: True</b> – if set to false the signal plot is turned off</p> <p><b>ShowReversal: True</b> – if set to false the bollinger is turned off</p> <p><b>ShowStochastics: True</b> – if set to false the bollinger is turned off</p>
<b>STOCHASTICS PARAMETERS</b>	<p><b>Period D:</b> Choose the Period</p> <p><b>Period K</b> Choose the Period</p> <p><b>Smooth</b> Choose the Smooth Factor</p>
<b>STOCHASTICS RULE</b>	<p><b>Enable:</b> True=Stochastics filter is active, False= this filter is turned off</p> <p><b>Long K Lower:</b> Threshold for long signal</p> <p><b>Short K Higher:</b> Threshold for short signal</p>
<b>DATA SERIES</b>	<b>Input series:</b> Instrument on which the indicator is calculated on.
<b>SET UP</b>	<p><b>CalculateOnBarClose:</b> We recommend choosing 'True' for this indicator</p> <p><b>Label:</b> Indicator Name</p> <p><b>Maximum bars look back: 256 (Do not change)</b></p>

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**VISUAL**

**Auto scale:** True  
**Displacement:** 0  
**Display in Data Box:** False  
**Panel:** Same as input series  
**Price Marker(s):** True  
**Scale justification:** Right

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## 8. Disclaimer

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