



# Hawkeye for



**MULTI**CHARTS  
Raising The Trading Standard

# Indicator Guide

A Powerful set of proprietary trading tools utilizing:

- Volume Spread Analysis
- Standard Deviation
- Pattern Recognition

[www.HawkeyeTraders.com](http://www.HawkeyeTraders.com)

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## YOUR AGREEMENT

By continuing to read this document you hereby agree to be bound by the terms of this agreement, and all the conditions and indemnities contained within.

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# Welcome to the Hawkeye Team

Welcome to the Hawkeye family, and thank you for investing in Hawkeye, the world's only trading software based on Volume Price Analysis.

The Hawkeye software works in all markets, and in all timeframes allowing you to trade in commodities, indices, stocks, bonds and currencies with equal ease. In addition, Hawkeye provides you with two unique Studies, the Gearbox and the Gearchanger, which reveal each day the optimal tick charts to trade, giving you the edge you need to trade in harmony with market momentum. So whether you are an intra-day trader, or a longer term swing or trend trader, the Hawkeye software has it all.

Trading success of course is based on many things, but one of the guiding principles I believe, is to keep things simple, and this applies both to your trading strategies, and also to your all -important trading plan.

Having a simple trading plan, which you follow in each and every trade, is one of the cornerstones of success, and in Hawkeye we are fortunate in having a suite of Studies which tell us when to get in, help us to stay in, and then get out, with a profit (or a small loss). We have all come across the phrase, 'the trend is your friend' but this is indeed one of the truisms of trading success. Most traders struggle to master this difficult skill, since our emotions are telling us to exit as soon as we have a small profit in any position. With Hawkeye however, this skill is mastered easily, as we simply follow our simple exit rules, guided by the most powerful Studies available, such as Trend and Stops, which paints our trend for us, and all of course underpinned by the unique Hawkeye algorithms which forecast the market's intent based on Volume Price Analysis.

As traders, we are bombarded from all sides with news, analysis and comment from all sides and from an increasingly diverse number of channels. So at times this can be hard to achieve, but achieve it we must. Trade only what we see on our chart, and not what the weight of market opinion or the latest expert analysis is advising. They are generally wrong, and have no value, other than to feed the voracious appetite that is the media, in all its forms.

With Hawkeye, you have a unique and powerful suite of tools, which undertake 300 calculations on each and every price bar. These calculations are not influenced by human opinion, political ambition, or natural disaster. Hawkeye simply analyzes the price and volume relationship using a combination of standard deviation and price pattern recognition, which is then coupled with the volume price algorithms to deliver the most powerful trading software in world.

It may be a clichéd saying, but our success is your success, something I truly believe, and if I can help in any way whatsoever, you only have to ask. Over the years I have built many friendships with traders from around the world, something I would like to continue as Hawkeye reaches an ever larger audience.

So please do keep in touch - I love to hear from customers around the world, and I or a member of the Hawkeye team will always get back to you.

**Randy Lindsey**

CEO, Hawkeye Traders

## Introduction

Congratulations! You now have access to one of the world's most powerful trading tools. Providing you invest some time and energy in familiarising yourself with the system, Hawkeye will serve you for a lifetime of trading.

Hawkeye supplies you with a distinct, professional trading edge; a way to develop vital confidence in decision-making when seeking to optimize the potential of consistently robust entries, combined with the equally important necessity of identifying a timely exit from a trade.

We do recognize that for many of you, getting to grips with new software can be a little daunting, so in addition this Guide, Information on how to access additional help can be found in the [Contacts and Useful Links](#) Section at the back of this Guide.

Remember, if you have any questions at all please ask.

# Using Chart Indicators

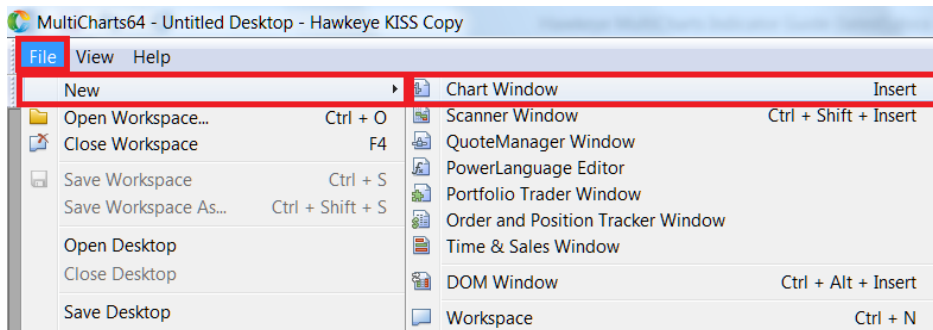
## Before You Start

MultiCharts can use many different brokers and data feeds, so before you start you must choose a broker and data feed and set them up in MultiCharts. Setting this up is beyond the scope of this document, but you can find more information in the [Contacts and Useful Links](#) section at the end of this document.

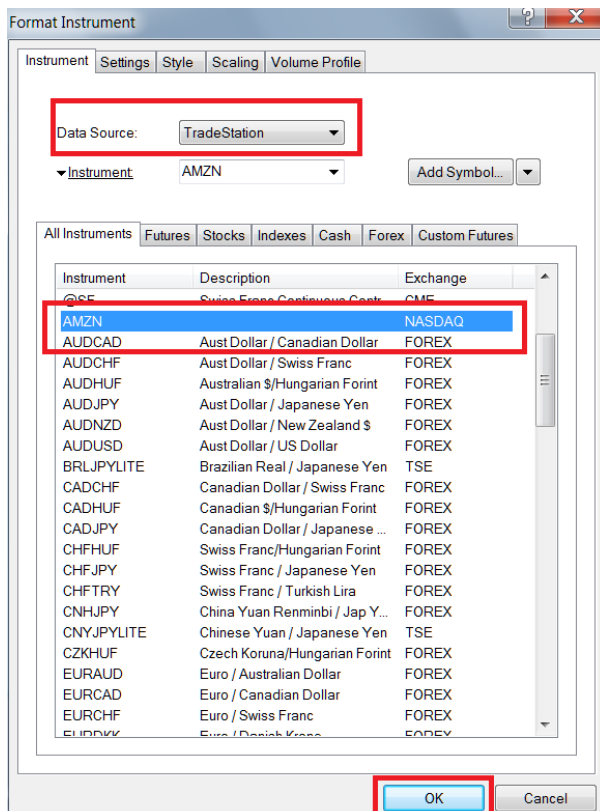
When using this document we assume that you already have the instruments you need set up in MultiCharts. Again this is broker specific, so please refer to the MultiCharts website for further information on instrument mapping.

## Creating a Chart

From the MultiCharts main menu, choose 'File', 'New', 'Chart Window'.



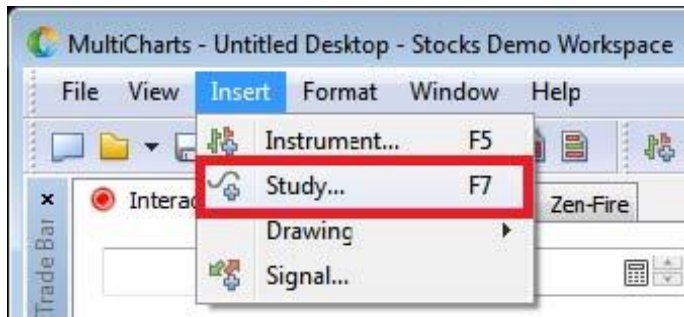
In the 'Format Instrument' dialogue box, make sure that you have selected the correct data feed (in the example below this is TradeStation), then select your required instrument and click 'OK'.



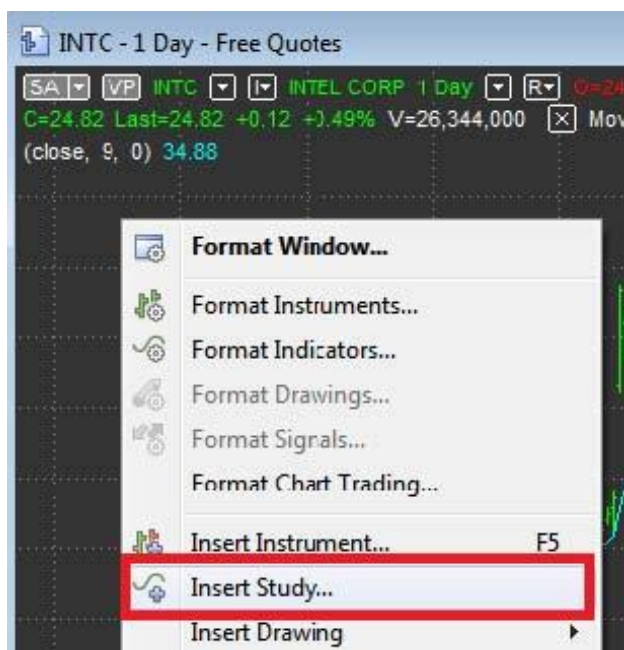


## Inserting Hawkeye Indicators into a Chart

Choose 'Insert', 'Study' from the menu.



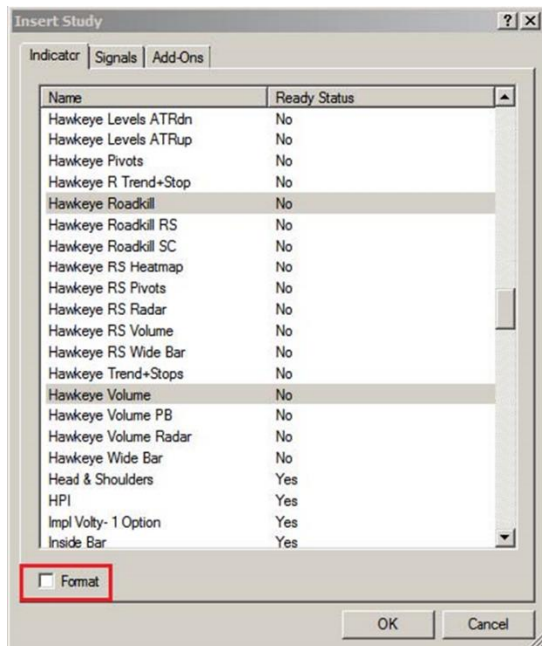
Or right click on the chart and choose 'Insert Study...'



Scroll down to find the Hawkeye indicators (all Hawkeye indicators begin “Hawkeye...”).

Choose a Hawkeye indicator and click ‘OK’. To select more than one indicator at a time use the Ctrl key and click for non-adjacent studies, or the Shift key and click for a run of adjacent studies, then click ‘OK’.

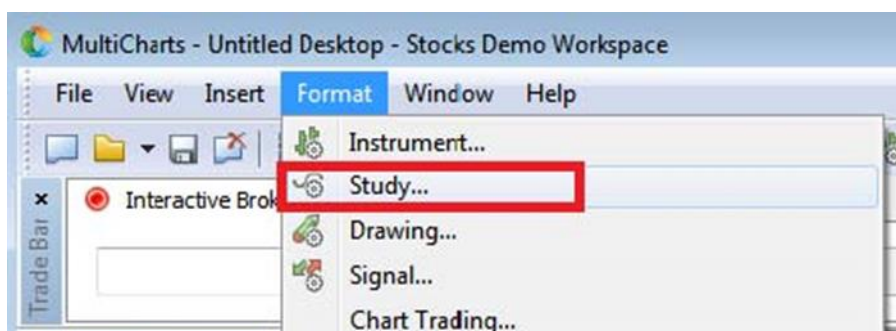
If you wish to open the indicator(s) without changing the formatting, remove the tick from the ‘Format’ check box.



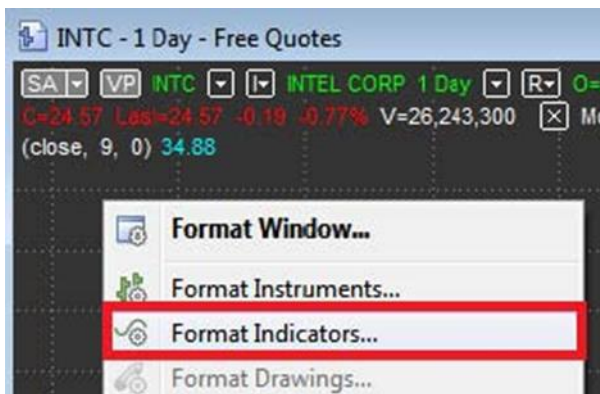
The example above shows a range of Hawkeye indicators. You will only be able to see the indicators available in your particular Hawkeye Package.

## Modifying Hawkeye Indicator Inputs, Colors & Alerts

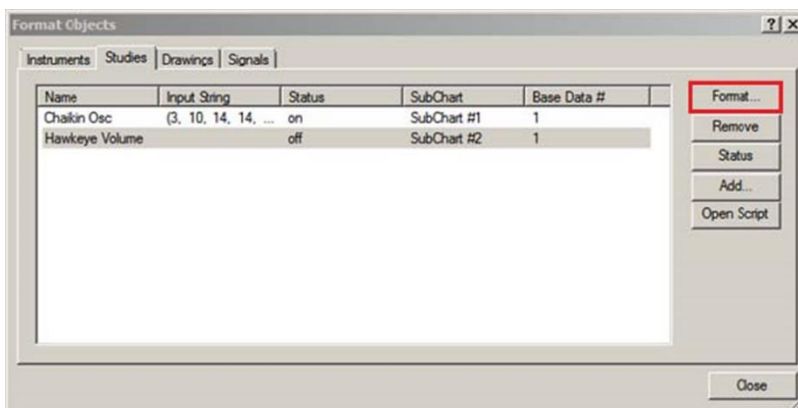
Choose ‘Format’, ‘Study...’ from the menu.



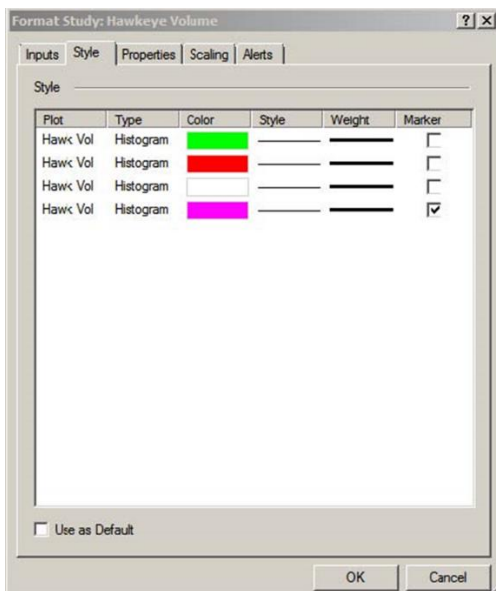
Or right click in the chart and select 'Format Indicators...'



Select the required Hawkeye indicator from the list and click the 'Format' button.



You can now modify that indicator's inputs and style. These inputs are described in more detail in the section [Chart Indicators](#).



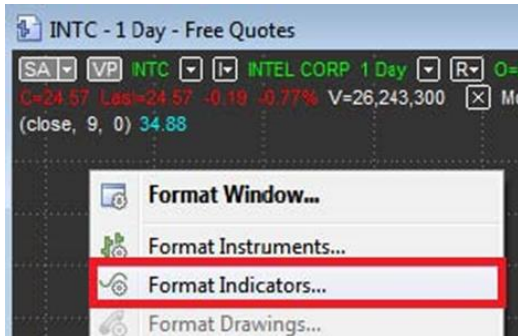
Click 'OK' when you have finished editing.

## Removing Hawkeye Indicators from a Chart

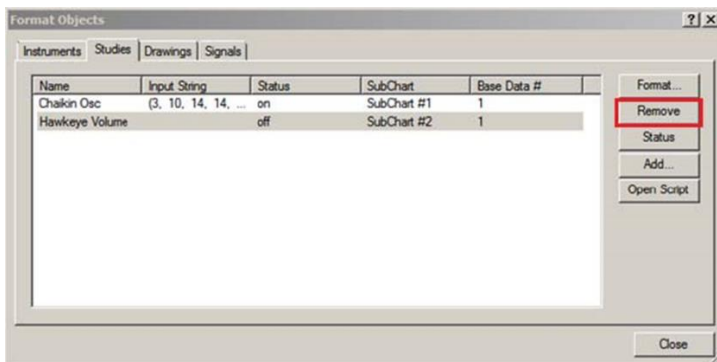
From the menu, select 'Format Study'.



Or right click in the chart and select 'Format Indicators...'.



Select the Hawkeye Indicator you wish to remove by clicking on the name, then click on the 'Remove' button. The indicator will be removed.

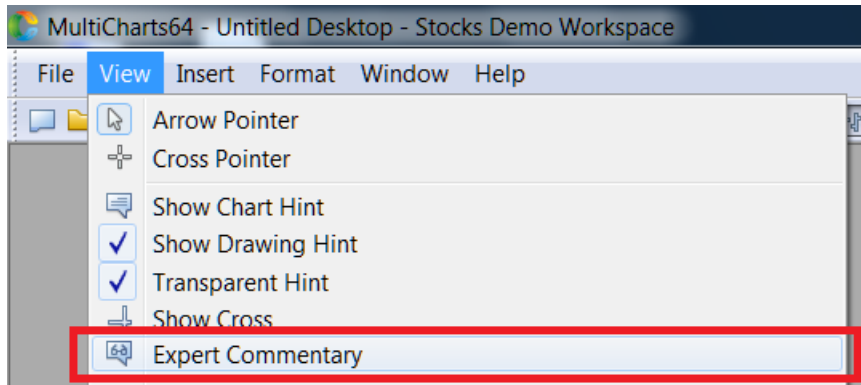


You can also remove all indicators from the chart by right-clicking and selecting 'Remove All Studies'. Please note that this option does not allow you to select individual indicators to remove.

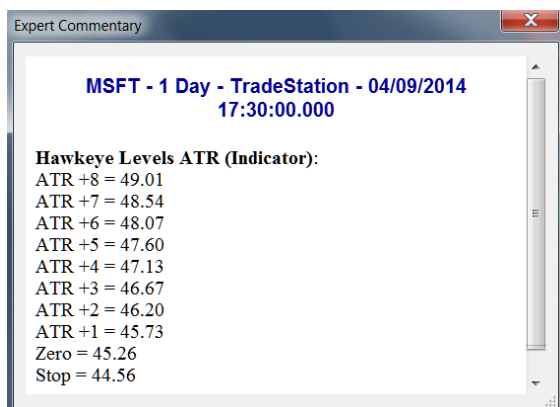
## Using Expert Commentary

Expert Commentary is a way to gain information by clicking on a specific bar on a chart. It is only used by the Adds, LevelsATR and Grabba indicators.

To access the Expert Commentary, from the menu select 'View', 'Expert Commentary'.



An information box similar to the one below will appear. Click on the chart to populate the box with data.



While the box is open you can select different bars on the chart to display data. Once you have closed the information box (by clicking on the red x) you will need to reopen the Expert Commentary to use it again.

## Data Windows

The Data Window (see example below) shows standard OHLCV information for each bar on the chart. In addition information is displayed about indicators that are applied to the chart.

Not all Hawkeye indicators display information in this box. We describe more about those that do under each individual indicator in the [Chart Indicators](#) section.

Data Window	
Cursor:	
Date	22/09/2014
Time	16:00
Price	4.46
AMD:	
O	3.81
H	3.83
L	3.75
C	3.76
Up Vol	14,201,400
Dn Vol	0
BarNumber	433
Chaikin Osc:	
ChaikinOsc	-27,532,087.55
ZeroLine	0.00
Hawkeye Volume:	
Hawk Vol	N/A
Hawk Vol	N/A
Hawk Vol	14,201,400.00
Hawk Vol	N/A

To open the Data Window go to the menu and select 'View', 'Show Data Window'.



To toggle off the Data Window go to the menu and select 'View', 'Show Data Window'.

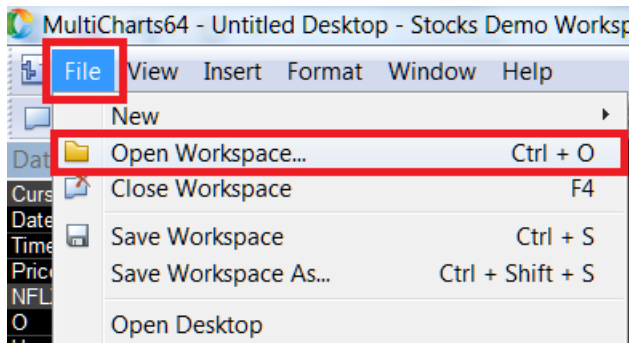
## Workspaces

Hawkeye supplies a number of preconfigured Workspaces to help you get started. Note that you will not necessarily have all the Workspaces shown in this document. Different Workspaces are distributed with different Hawkeye modules and packages.

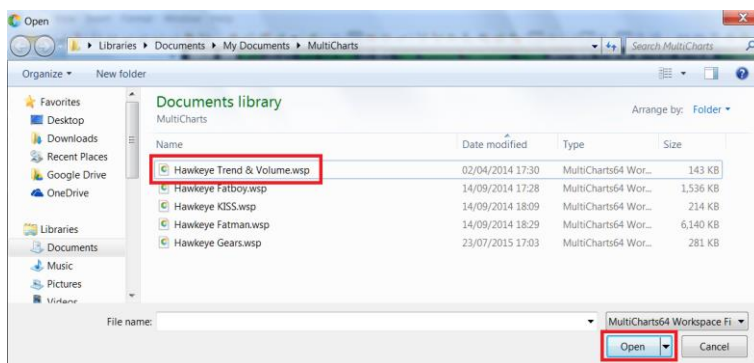
We recommend that you make copies of each Hawkeye Workspace before you start using them so that you don't overwrite the originals.

## Opening a Workspace

Go to the MultiCharts main menu and select 'File', 'Open Workspace'.

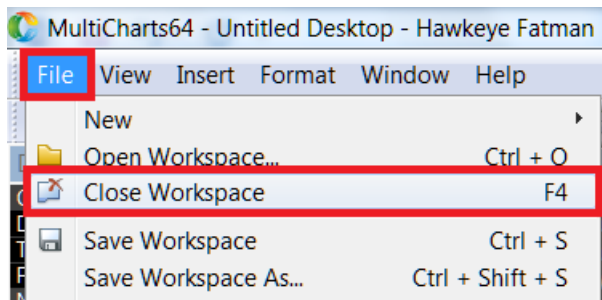


Select the required Workspace and click 'Open'.



## Closing a Workspace

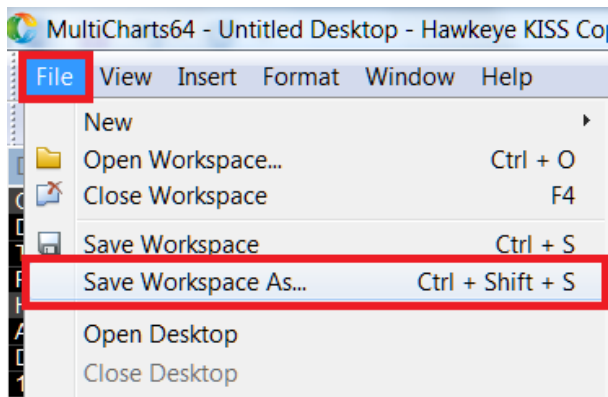
Go to the MultiCharts main menu and select 'File', 'Close Workspace'.



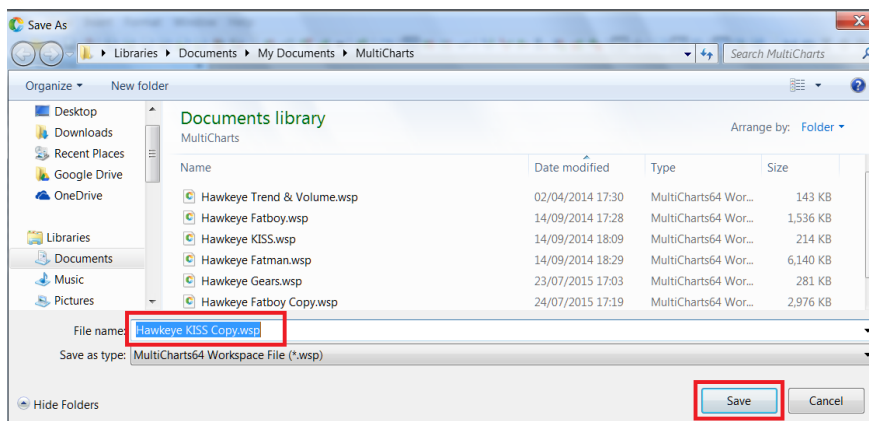
## Making a Copy of a Workspace

We recommend that you make copies of all your Hawkeye Workspaces before you make any changes to them. You will then always have a copy of the original Workspace to return to.

To make a copy of a Workspace, first open the Workspace you want to copy. Then go to the MultiCharts main menu and select 'File', 'Save Workspace As'



Enter the new name for the copy of the Workspace and click 'Save'

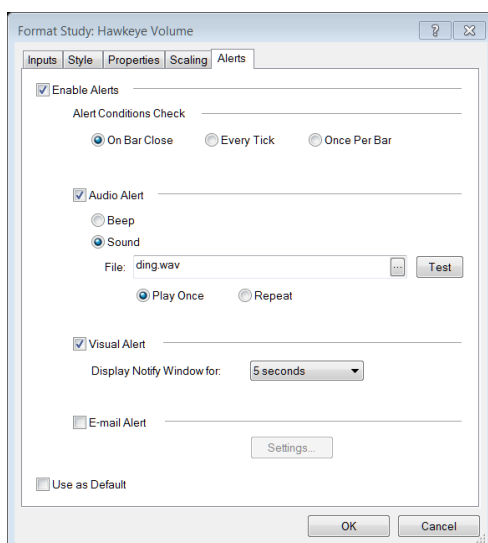


## Alerts

Most Hawkeye Workspaces provide alerts when something significant happens e.g. if the Trend turns green or red.

Details of the alerts for each Indicator are discussed in more detail under each individual indicator in the [Chart Indicators](#) section.

Each indicator has a set of inputs for configuring alerts. These will be specific to the individual indicator but generally look like this:





When you receive a pop-up alert.

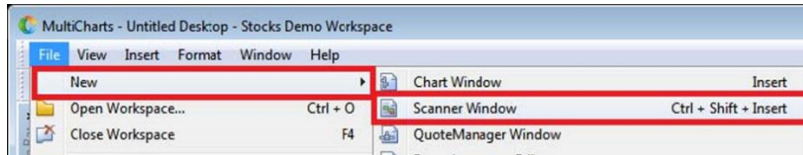
To read a summary of each alert, click on the 'Alert bell' icon. To scroll through the alerts use the left and right arrow buttons.

Right click on the 'Alert bell' and select 'Alerts Log...' to view the Alerts Log.

# Using Scanner

## Inserting Hawkeye Indicators into Scanner

From the menu select 'File', 'New', 'Scanner Window'.

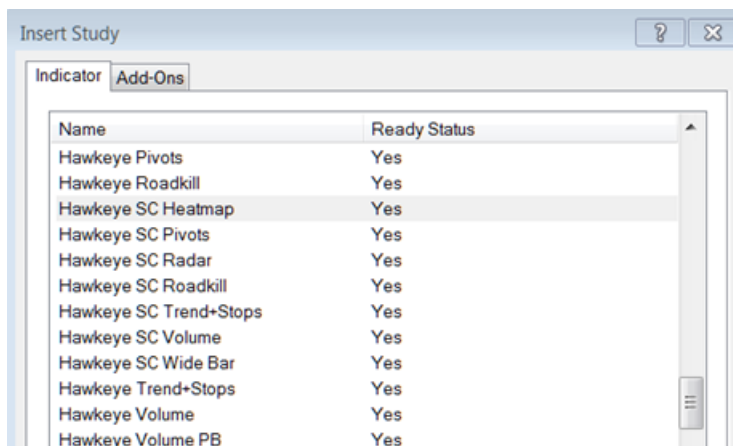


Insert your list of Instruments by right clicking in the Scanner window and selecting 'Insert Instrument'. Select the required instruments and click 'OK'. To select more than one instrument at a time use the Ctrl key and click for non-adjacent studies, or the Shift key and click for a run of adjacent instruments, then click 'OK'.

Instrument	Resolution	Trend	High	Low	Ask	Bid	Last	Net Chg	% Chg	Total Volume	Hawk
MSFT	15 Minutes		47.48	47.37	47.45	47.44	47.45	0.00	0.00	383,682	
IBM	15 Minutes		0.00	0.00	0.00	0.00	159.77	-0.74	-0.46	5,359	
AMZN	15 Minutes		312.31	309.70	312.43	312.11	312.16	0.12	0.04	51,701	
NFLX	15 Minutes		342.00	340.03	341.98	341.15	341.14	-0.79	-0.23	15,497	
IBM	15 Minutes		0.00	0.00	0.00	0.00	159.77	-0.74	-0.46	5,359	
@ES.D	15 Minutes		2,081.5000	2,078.7500	2,081.0000	2,080.7500	2,080.7500	-5.0000	-0.24	135,818	
EURUSD	15 Minutes		1.2187	1.2123	1.2170	1.2169	1.2169	0.0014	0.12	0	
EURJPY	15 Minutes		146.7330	144.9180	145.0930	145.0660	145.0660	-1.5730	-1.07	0	
EURGBP	15 Minutes		0.7843	0.7815	0.7826	0.7823	0.7823	-0.0009	-0.11	0	

From the menu select 'Insert', 'Study'

Scroll down to find the available Hawkeye Scanner indicators. All Hawkeye Scanner indicators begin "Hawkeye SC".



Choose a Hawkeye Scanner indicator and click 'OK'. To select more than one indicator at a time use the Ctrl key and click for non-adjacent studies, or the Shift key and click for a run of adjacent studies, then click 'OK'.

Click 'Close'

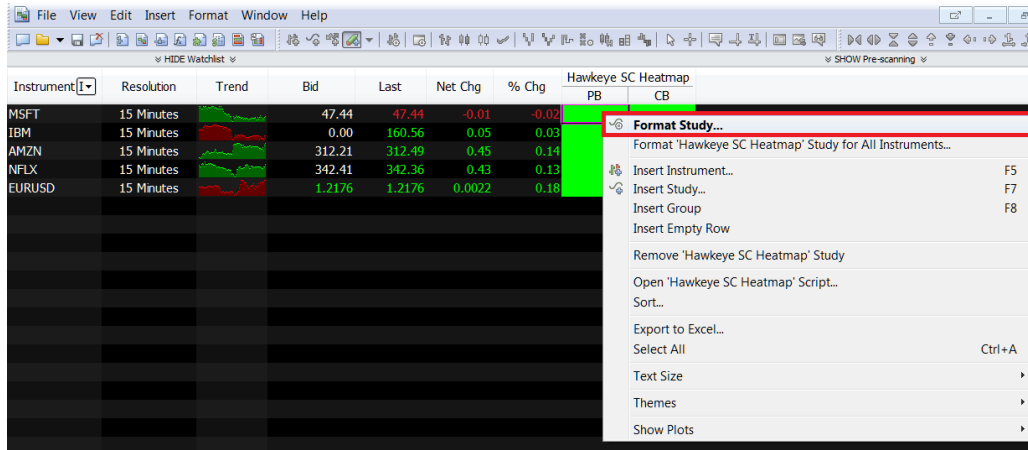
## Modifying Hawkeye Indicators in Scanner

Right click on the Hawkeye Indicator in the Scanner.

Click 'Format Study'.

This will enable you to format that Study's Inputs and Style **for this Instrument only**.

The formatting options are described in more details in the section [Scanner Studies](#).



To modify the indicator for all instruments, right click on the Hawkeye Indicator in the Scanner.

Click 'Format Hawkeye SC Name Study for All Instruments...'



To move the location of the Hawkeye indicator in the Scanner, click and hold down the mouse button on the indicator name until two blue up and down arrows appear.

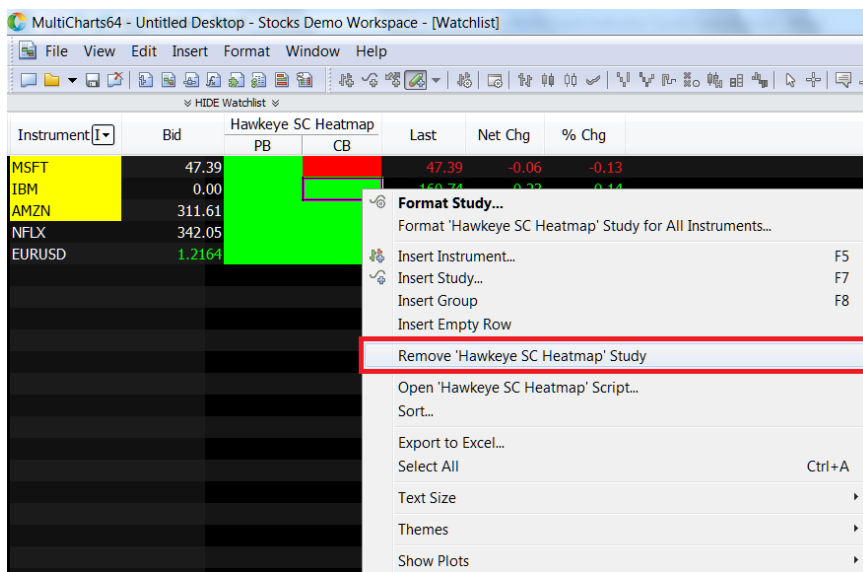
Drag the indicator left or right to the desired location, then release the mouse button.

Instrument	Bid	Last	Hawkeye SC Heatmap		Net Chg	% Chg
			PB	CB		
MSFT	47.31	47.32			-0.13	-0.27
IBM	0.00	160.50			-0.01	-0.01
AMZN	310.76	310.75			-1.29	-0.41
NFLX	341.13	341.35			-0.58	-0.17
EURUSD	1.2169	1.2169			0.0014	0.11

## Removing Hawkeye Indicators from Scanner

Right click in the Scanner on the Hawkeye indicator you want to remove.

Select 'Remove Hawkeye SC *Name* Study' and the indicator will be removed. In the example below the indicator to be deleted from the Scanner is Hawkeye SC Heatmap.



## Alerts

Alerts for Scanner indicators work in the same way as for Chart indicators. For further details please read [Alerts](#) in the [Using Chart Indicators](#) section.

## Chart Indicators

### Hawkeye Adds

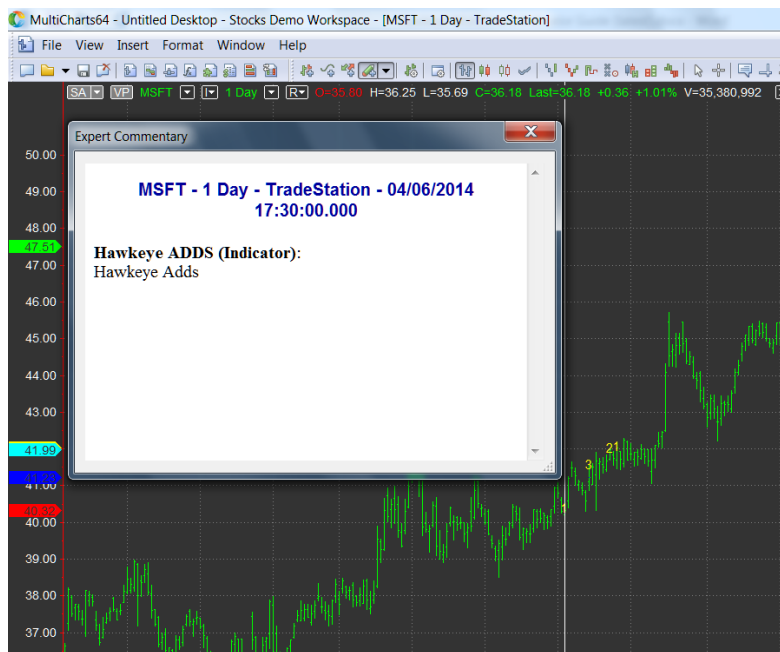
Hawkeye Adds is an indicator that requires you to click on a specific bar on the chart to indicate where you have entered a position. When you click on the bar it will display numbers that correspond to the number of contracts/shares you should add.

In the example chart below, clicking on a bar causes Adds to draw the yellow '1', '3' and '2'. The selected bar will always display a '1'. Further entries will be shown according to the Hawkeye Rules. It will not necessarily show other entries if these are not triggered by the rules.

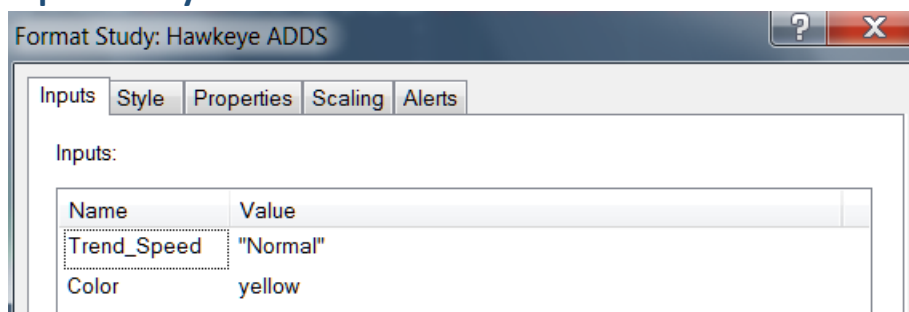


Adds is used in conjunction with Hawkeye Trend+Stops, and the **Trend Speed must match the Trend Speed in the Trend+Stops indicator.**

To activate the indicator go to the menu and select 'View', 'Expert Commentary'.



## Inputs & Style



The 'Trend\_Speed' input can be set to: Normal, Conservative, Aggressive. **This setting must match the Trend Speed input in Hawkeye Trend+Stops.**

To change the trend speed type "Normal" (or "N"), "Conservative" (or "C"), "Aggressive" (or "A").

The 'Color' input can be used to change the text color of the Adds display on the chart.

To change the text color type: 'black', 'blue', 'cyan', 'darkblue', 'darkbrown', 'darkcyan', 'darkgray', 'darkgreen', 'darkmagenta', 'darkred', 'darkyellow', 'green', 'lightgray', 'magenta', 'white', 'yellow'.

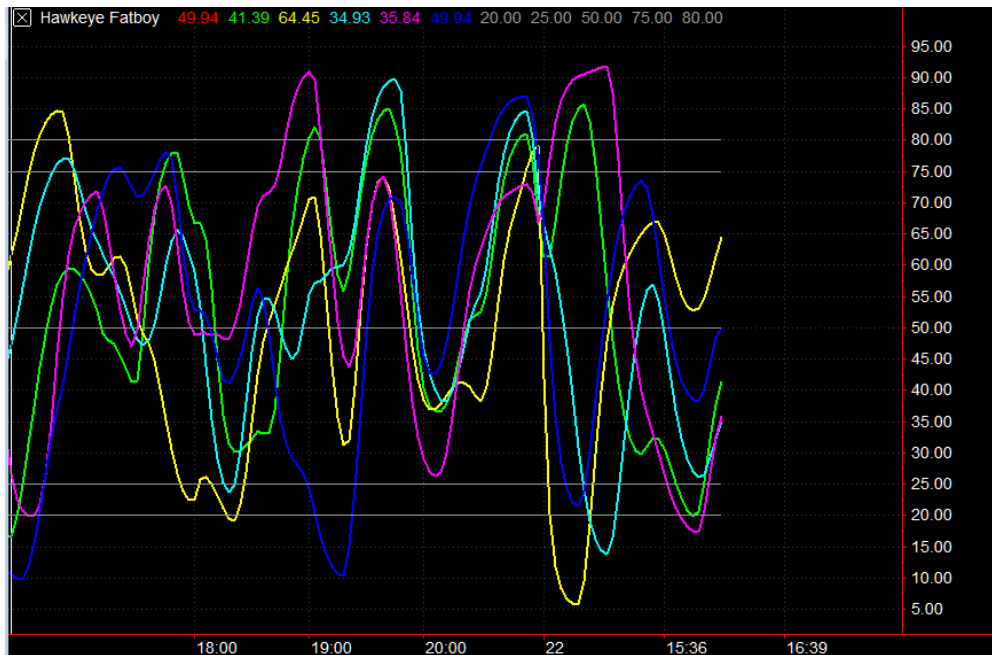
You can also use 'rgb(x, y, z)' where x, y, z represent the RGB color coordinates. For more information on RGB color coordinates click here: [http://en.wikipedia.org/wiki/Web\\_colors](http://en.wikipedia.org/wiki/Web_colors)

## Alerts

There are no alerts for this indicator.

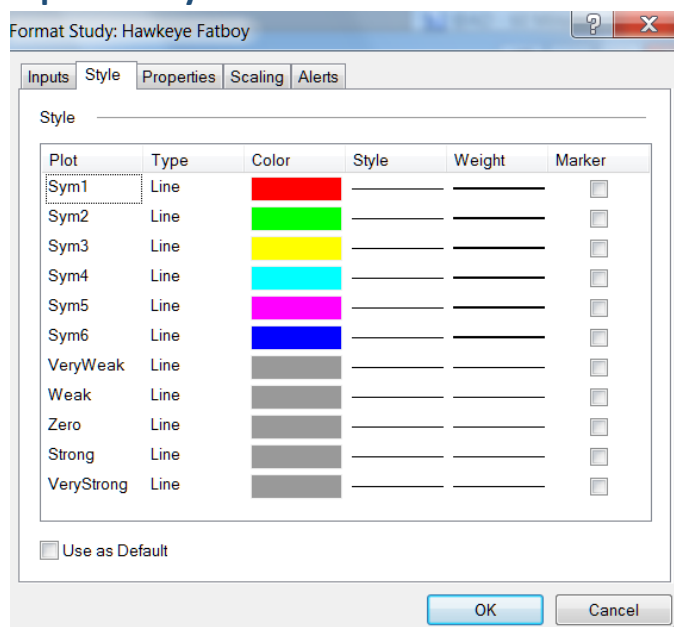
## Hawkeye Fatboy

Hawkeye Fatboy displays correlation between multiple instruments. Fatboy only works on Stocks, Futures or Commodities.



Hawkeye Fatboy has a very specific chart setup and we recommend you only use the 'Hawkeye Fatboy' workspace.

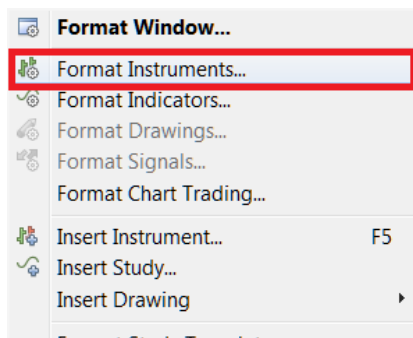
## Inputs & Style



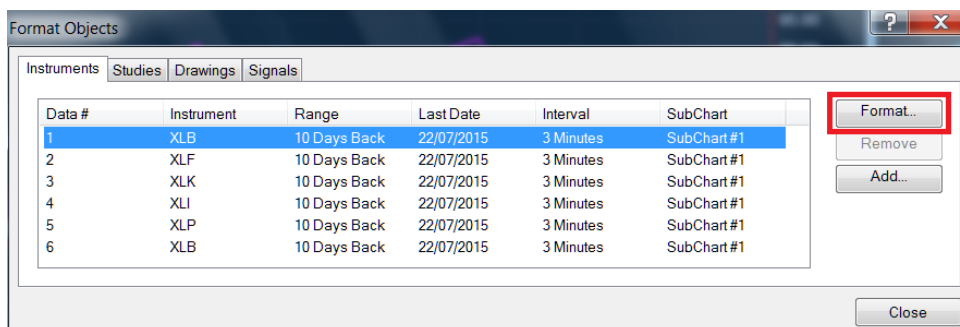
The 'Style' section enables you to change the line inputs to suit your own preferences.

## Chart Setup

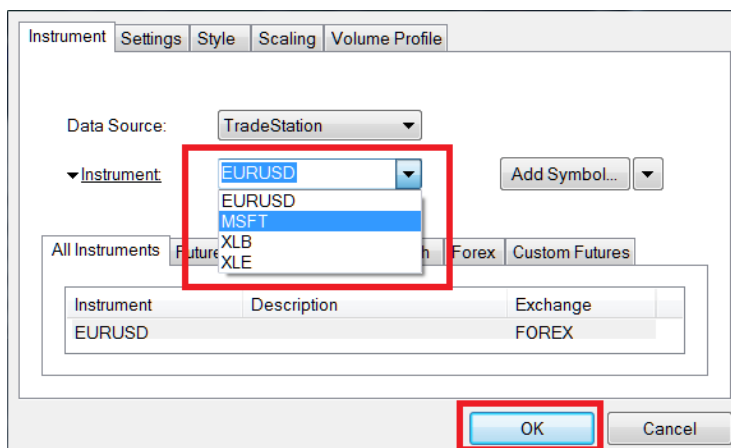
You can change the comparison instruments in Fatboy by right clicking on the chart and selecting 'Format Instruments...'



Select the instrument you want to change and click 'Format'.



Then select a new instrument name from the drop-down box and click 'OK'.



## Alerts

Alerts are issued when a particular symbol line crosses above or below the zero line.



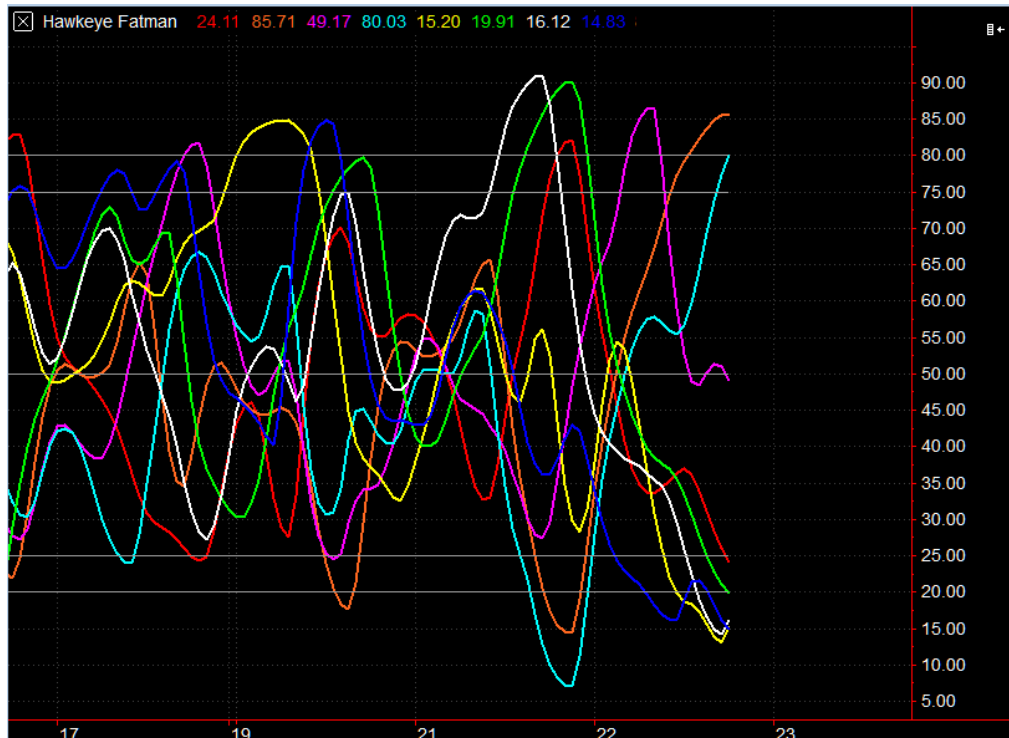
## Data Window

Fatboy displays the current value of each instrument line in the Data Window.

Hawkeye Fatboy:	
Sym1	21.44
Sym2	85.03
Sym3	5.75
Sym4	30.87
Sym5	90.20
Sym6	21.44
VeryWeak	20.00
Weak	25.00
Zero	50.00
Strong	75.00
VeryStrong	80.00

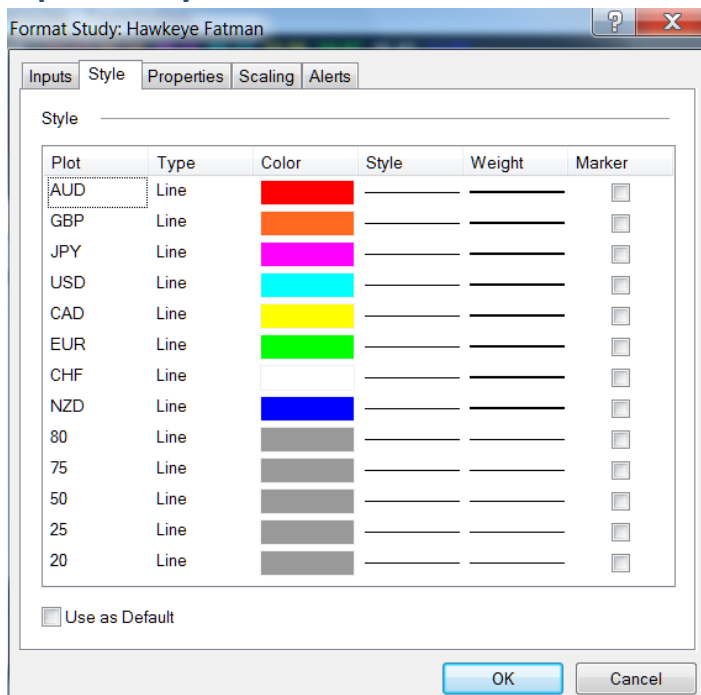
## Hawkeye Fatman

Hawkeye Fatman displays correlation between multiple symbols. **Fatman only works on Forex.**



Hawkeye Fatman has a very specific chart setup and we recommend you only use the 'Hawkeye Fatman' Workspace.

### Inputs & Style



The Style section enables you to change the line inputs to suit your own preferences.

## Alerts

Alerts are issued when a particular symbol line crosses above or below the zero line.

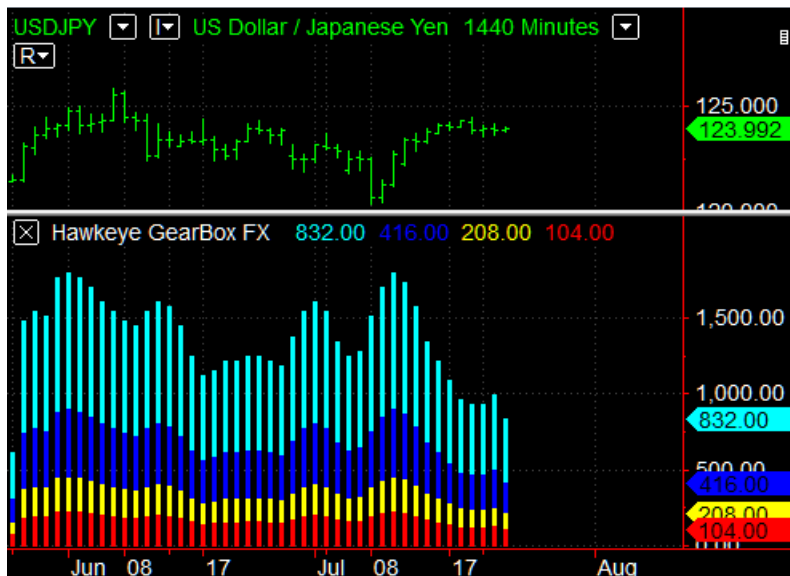
## Data Window

Fatman displays the value of the currency line.

Hawkeye Fatman:	
AUD	82.86
GBP	22.00
JPY	27.73
USD	32.35
CAD	66.74
EUR	28.88
CHF	65.14
NZD	75.00
80	80.00
75	75.00
50	50.00
25	25.00
20	20.00

## Hawkeye GearBox FX

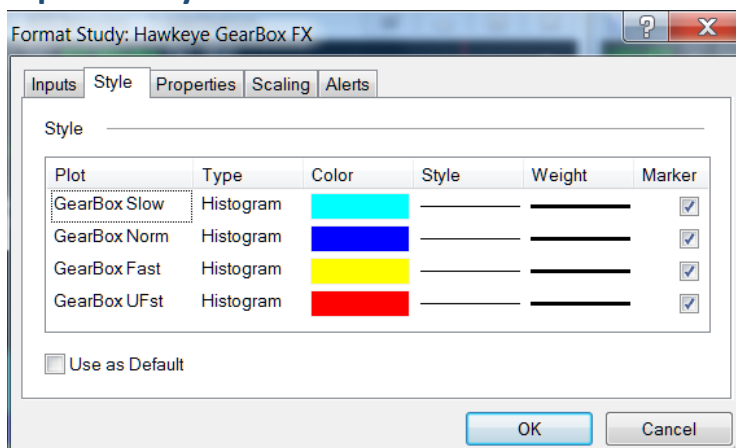
Hawkeye GearBox FX displays the market speed – Slow, Normal, Fast, Ultra Fast. This changes on a daily basis.



GearBox FX requires that you have access to tick data.

GearBox FX is only for use with Forex instruments. It is always used in conjunction with GearChgeFX.

### Inputs & Style



The Slow, Normal, Fast and Ultra Fast colors can be changed to suit your own preferences.

### Alerts

There are no alerts for this Indicator.

### Data Window

Hawkeye Gearbox FX displays the speed in ticks of the Slow, Normal, Fast, UltraFast settings.

Hawkeye GearBox FX:	
GearBox Slow	1,216.00
GearBox Norm	608.00
GearBox Fast	304.00
GearBox UFst	152.00

## Chart Setup

The chart for GearBoxFX needs to be set up in a very specific way. We recommend that you use the supplied *Hawkeye Gears* or *Hawkeye Gears FX* Workspaces which gives you preconfigured charts. If you wish to create charts from scratch then they must be set up as described below.

The interval of the chart needs to be set to the number of minutes in normal market hours for that instrument. Most currencies trade all day which is 1440 minutes. So a EURUSD chart would be set to 1440 minutes.

## Hawkeye GearBox NDX

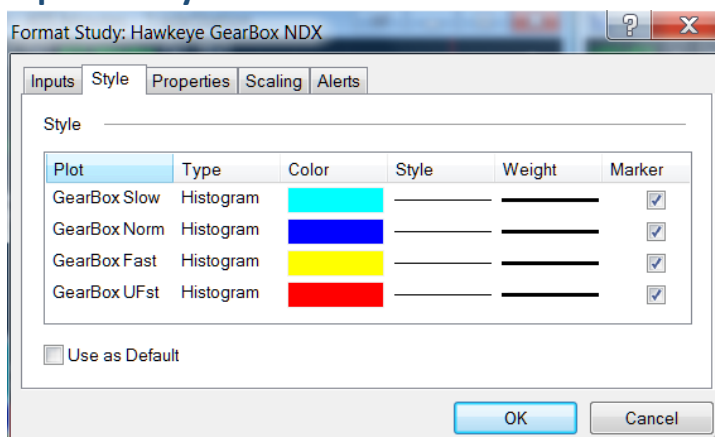
Hawkeye GearBox NDX displays the market speed – Slow, Normal, Fast, Ultra Fast. This changes on daily basis.



GearBox NDX requires that you have access to tick data. If you do not have tick data then GearBox NDX will not calculate or display correctly.

GearBox NDX is only for use with Stocks, Futures and Commodities instruments. It is always used in conjunction with GearChge NDX.

### Inputs & Style



The colors and style of the histogram bars can be changed to suit your own preferences.

### Alerts

There are no alerts for this indicator.

### Data Window

Hawkeye GearBoxNDX displays the speed in ticks of the Slow, Normal, Fast, UltraFast settings.

Hawkeye GearBox NDX:	
GearBox Slow	36,512.00
GearBox Norm	18,256.00
GearBox Fast	9,128.00
GearBox UFst	4,564.00

## Chart Setup

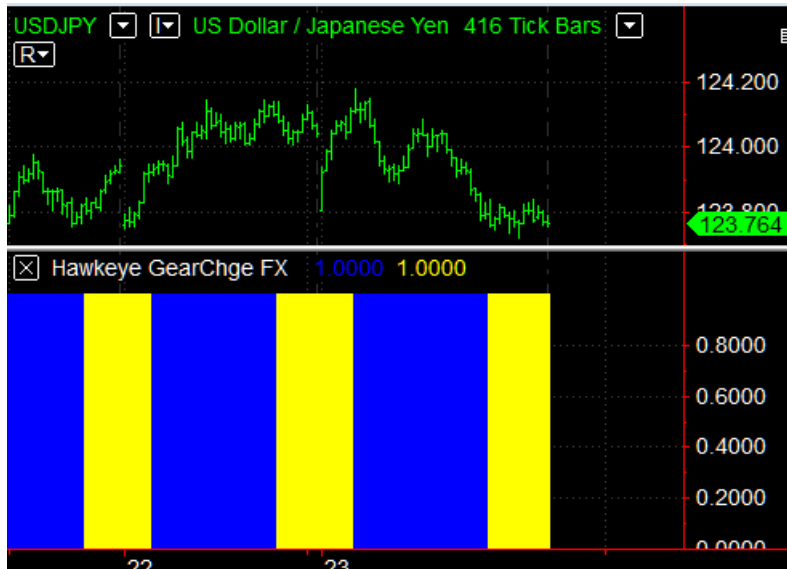
The chart for GearBoxNDX needs to be set up in a very specific way. We recommend that you use the supplied *Hawkeye Gears* or *Hawkeye Gears NDX* Workspaces which gives you preconfigured charts. If you wish to create charts from scratch then they must be set up as described below.

The interval of the chart needs to be set to the number of minutes in normal market hours for that instrument e.g. the S&P Emini trades from 9.30am to 3.15pm EST. This is 405 minutes. So an S&P Emini chart would be set to 405 minutes. Different markets have different opening hours so the number of minutes must be calculated accordingly.

## Hawkeye GearChge FX

Hawkeye GearChge FX is used in conjunction with GearBox FX to calculate the current market speed. The interval of the chart should be set to match the tick output from GearBox FX.

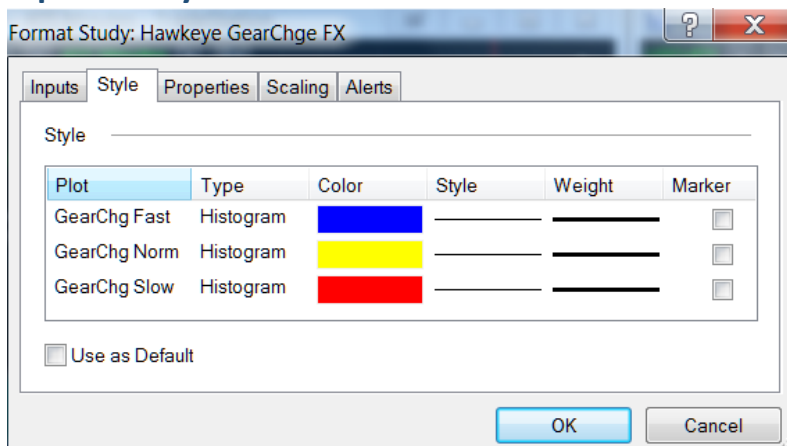
The color of GearChge FX represents the speed of the market as Slow, Normal or Fast.



**GearChge FX is only for use with Forex instruments.**

GearChge FX requires that you have access to tick data, and will only run on tick charts.

### Inputs & Style



The Slow, Normal and Fast colors can be changed to suit your own preferences

### Alerts

There are no alerts for this Indicator.

### Data Window

Hawkeye GearChge FX displays the current color which represents Slow, Normal or Fast tick speed.

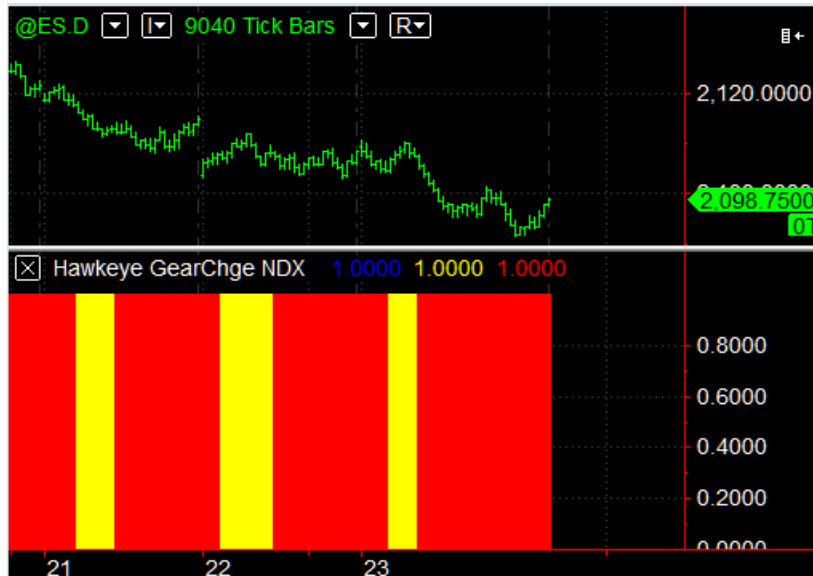
Hawkeye GearChge FX:	
GearChg Fast	N/A
GearChg Norm	1.0000
GearChg Slow	N/A



## Hawkeye GearChge NDX

Hawkeye GearChge NDX is used in conjunction with GearBox NDX to calculate the current market speed. The interval of the chart should be set to match the tick output from GearBox NDX.

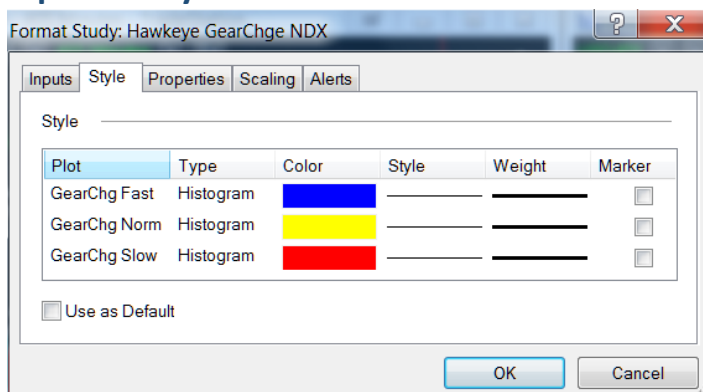
The color of GearChge NDX represents the speed of the market as Slow, Normal or Fast.



**GearChge NDX is only for use with Stocks, Futures and Commodities instruments.**

GearChge NDX requires that you have access to tick data, and will only run on tick charts.

### Inputs & Style



The Slow, Normal and Fast colors can be changed to suit your own preferences.

### Alerts

There are no alerts for this Indicator.

### Data Window

Hawkeye GearChge NDX displays the current color which represents Slow, Normal or Fast tick speed.

Hawkeye GearChge NDX:	
GearChange	N/A
GearChanger	1.0000
GearChanger	N/A

## Hawkeye Grabba Auto/Long/Short

The Hawkeye Grabba Studies require you to click on a specific bar on the chart to indicate where you have entered a position. When you click on the bar it will display lines and prices that represent stops and profit targets.

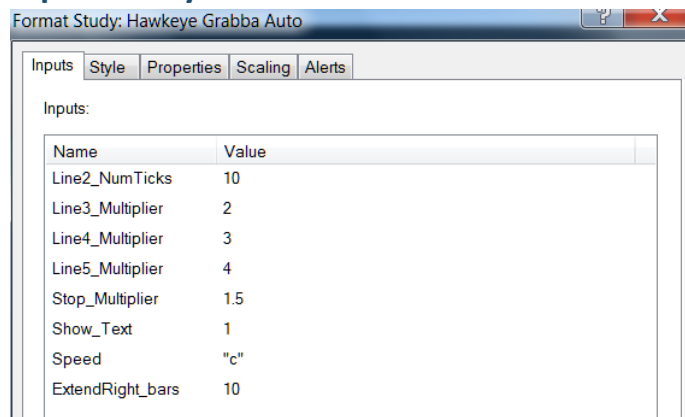
To activate the indicator go to the menu and select 'View', 'Expert Commentary'. To find out more about using Expert Commentary see the Section [Using Expert Commentary](#).



Hawkeye Grabba Auto is used in conjunction with Hawkeye Trend+Stops, and **the Trend Speed must match the Trend Speed in the Trend+Stops indicator.**

Hawkeye Grabba Long only displays for long entries. Hawkeye Grabba Short only displays for short entries. So these two studies are not tied to Hawkeye Trend+Stops or a Trend Speed.

## Inputs & Style



'Line 2\_NumTicks' sets the first profit target. Then Line 3, 4, 5 Multipliers set subsequent profit targets as multiples of Line 2.

'Stop\_Multiplier' sets the stop as a multiple of Line 2.

'Show\_Text' allows you to display the line values: "1" is on, "0" is off.

'Speed' is only shown in Grabba Auto. The 'Trend Speed' input can be set to: Normal "n", Conservative "c", Aggressive "a". **This setting must match the Trend Speed input in Hawkeye Trend+Stops.**

'ExtendRight\_bars' allows you to change the length of the horizontal lines to the right.

## Alerts

There are no alerts for this indicator.

## Data Window

There is no Data Window for this indicator.

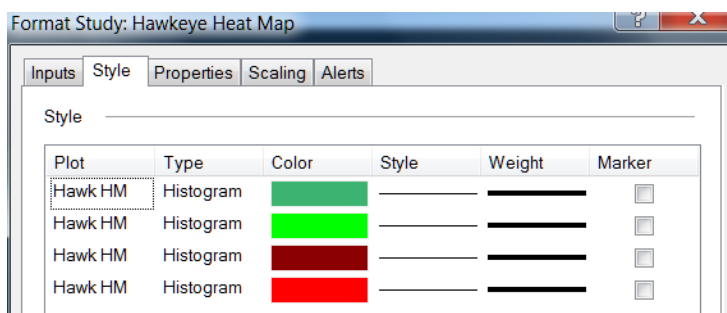
## Hawkeye Heat Map

Hawkeye Heat Map shows the current market sentiment as bright green, dark green, bright red and dark red histogram.



### Inputs & Style

The colors of the histogram bars can be changed to suit individual preference.



The first color in the list represents weak up.

The second color in the list represents strong up.

The third color in the list represents weak down.

The fourth color in the list represents strong down.

### Alerts

An alert is activated when the histogram changes color.

### Data Window

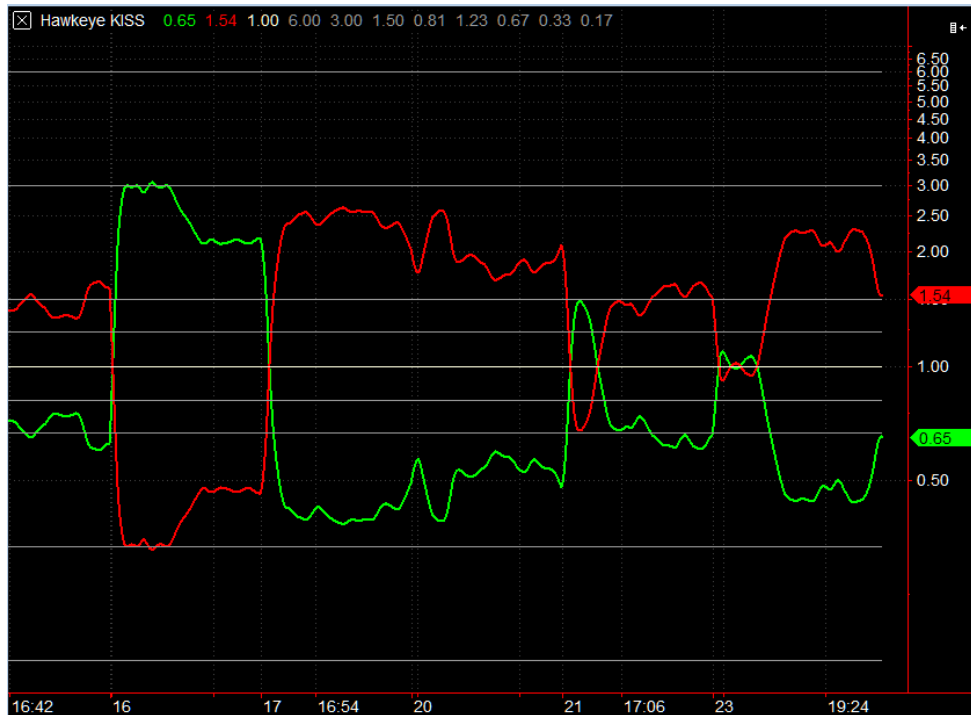
Hawkeye Heatmap displays the color of the histogram.

Hawkeye Heat Map:		
Hawk HM		N/A
Hawk HM		N/A
Hawk HM		N/A
Hawk HM		1.00

The '1.00' is an artefact of the MultiCharts display and can be ignored.

## Hawkeye KISS

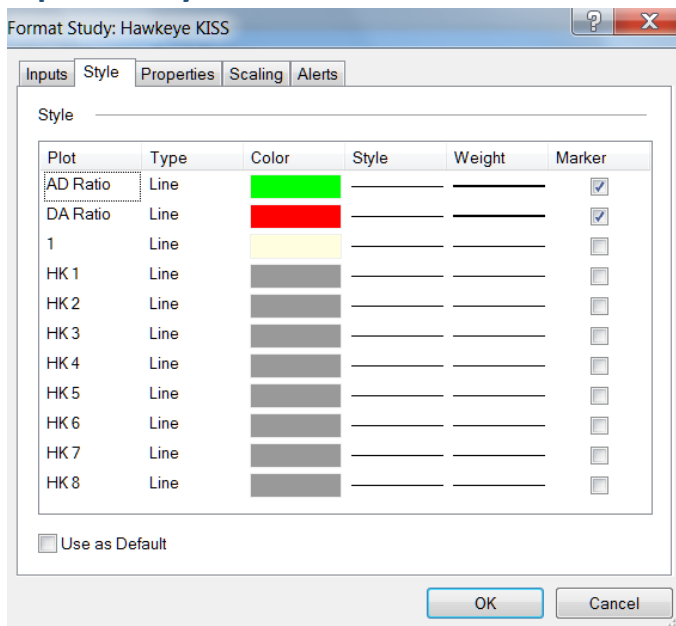
Hawkeye Kiss is a measure of market buying versus market selling. It displays as two lines.



**Hawkeye KISS has a very specific chart setup and we recommend you only use the *Hawkeye KISS* workspace.**

Kiss requires access to advancing and declining issues data.

## Inputs & Style



You can change the color of the advancing and declining lines by changing the color of the 'Ad Ratio' and 'DA Ratio' plots.

## Alerts

There are no alerts for this Indicator.

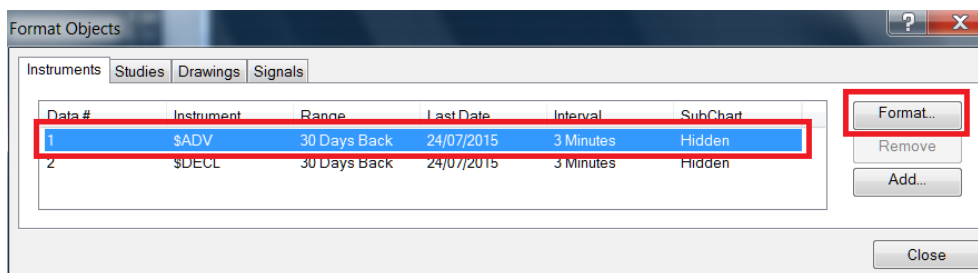
## Data Window

AD Ratio and DA Ratio represent the current values of the advancing and declining calculations respectively. The other outputs are the horizontal lines.

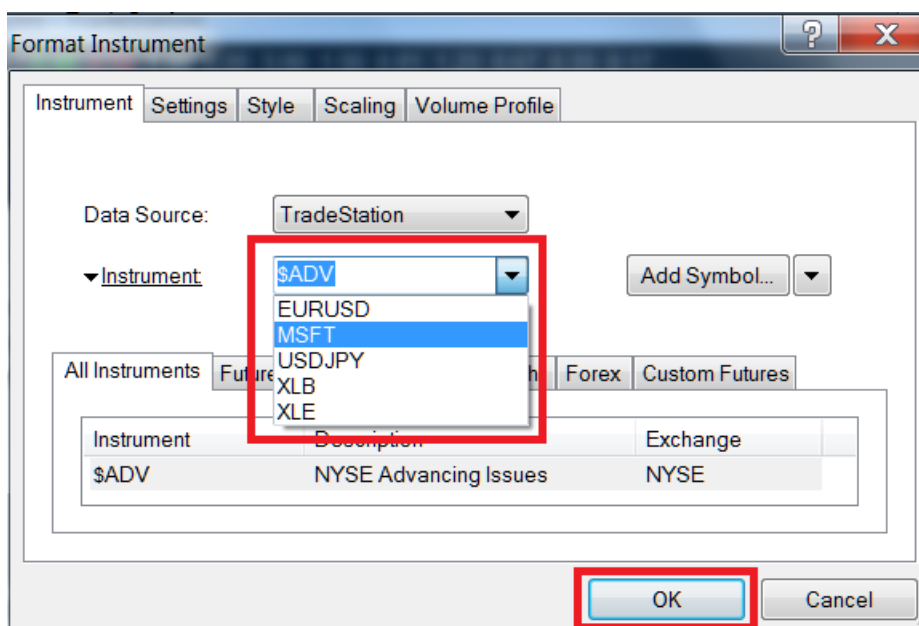
Hawkeye KISS:	
AD Ratio	0.54
DA Ratio	1.86
1	1.00
HK 1	6.00
HK 2	3.00
HK 3	1.50
HK 4	0.81
HK 5	1.23
HK 6	0.67
HK 7	0.33
HK 8	0.17

## Chart Setup

You can change the comparison instruments in KISS by going to the MultiCharts main menu and clicking 'Format', 'Instruments'.



Then select the instrument you want to change and click 'Format'.

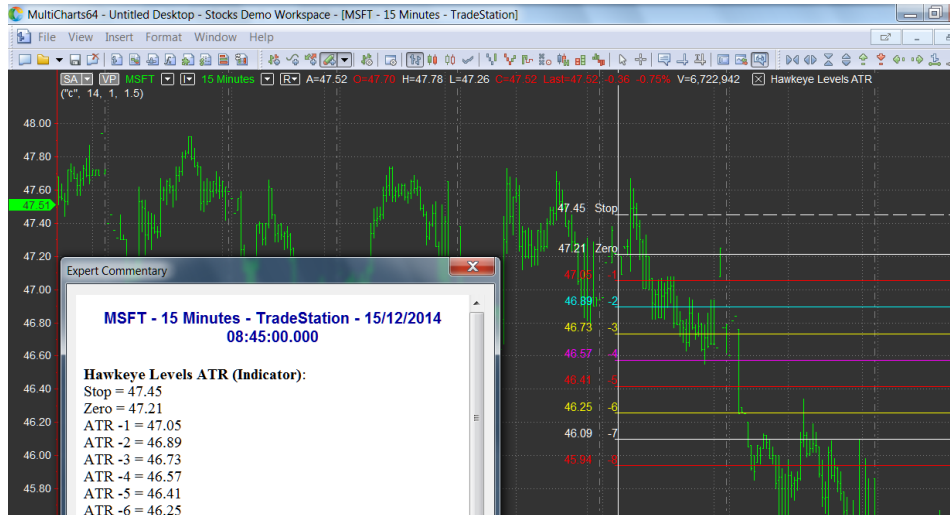


You can now select the instrument you want from the drop-down list and click 'OK'.

## Hawkeye Levels ATR/ATRUpr/ATRdn

The Hawkeye Levels Studies require you to click on a specific bar on the chart to indicate where you have entered a position. When you click on the bar it will display lines and prices that represent stops and profit targets. Hawkeye Levels is based on Average True Range (ATR) calculations.

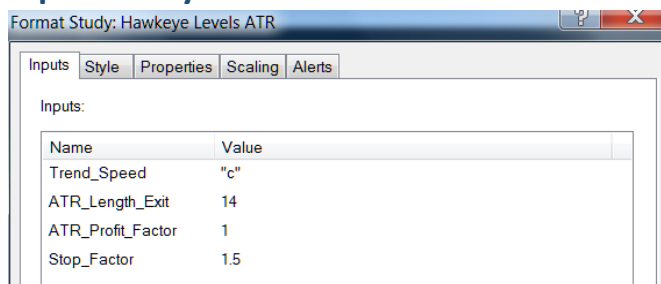
**To activate the indicator go to the menu and select 'View', 'Expert Commentary'.** To find out more about using Expert Commentary see the Section [Using Expert Commentary](#).



Hawkeye Levels ATR is used in conjunction with Hawkeye Trend+Stops, and **the Trend Speed must match the Trend Speed in the Trend+Stops indicator.**

Hawkeye Levels ATRup only displays for long entries. Hawkeye Levels ATRdn only displays for short entries. So these two studies are not tied to Hawkeye Trend+Stops or a Trend Speed.

## Inputs & Style



'Trend\_Speed' is only shown in Levels ATR. The 'Trend\_Speed' input can be set to: Normal "n", Conservative "c", Aggressive "a". **This setting must match the Trend Speed input in Hawkeye Trend+Stops.**

'ATR\_Length\_Exit' and 'ATR\_Profit\_Factor' are used to calculate the different profit target levels from one to eight.

'Stop\_Factor' is used to calculate the stop level.

## Alerts

There are no alerts for this Indicator.

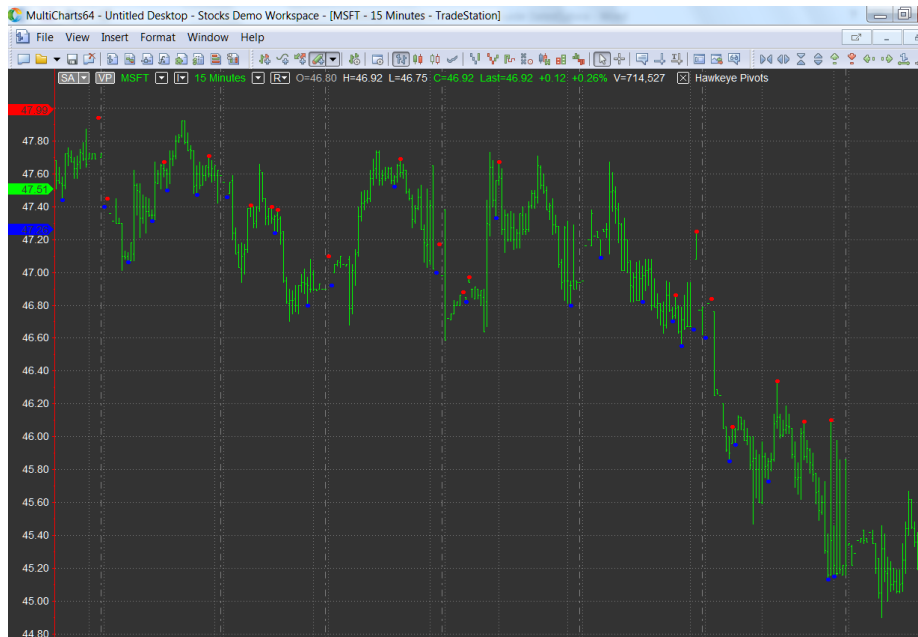
## Data Window

There is no data window for this indicator.



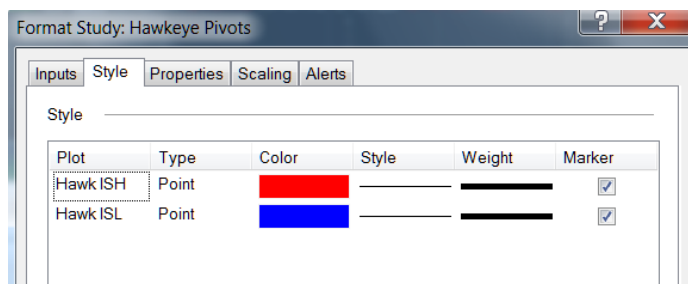
## Hawkeye Pivots

Hawkeye Pivots displays isolated highs and isolated lows.



### Inputs & Style

'Hawk ISH' (High Pivot) and 'Hawk ISL' (Low Pivot) enable you to change the color of the high and low Pivot dots to suit your own preferences.



### Alerts

An alert is triggered whenever a Pivot High or Pivot Low is detected.

### Data Window

The Data Window shows the Hawkeye Pivot high (Hawk ISH) or Hawkeye Pivot low (Hawk ISL).

Hawkeye Pivots:	
Hawk ISH	1.09477
Hawk ISL	N/A

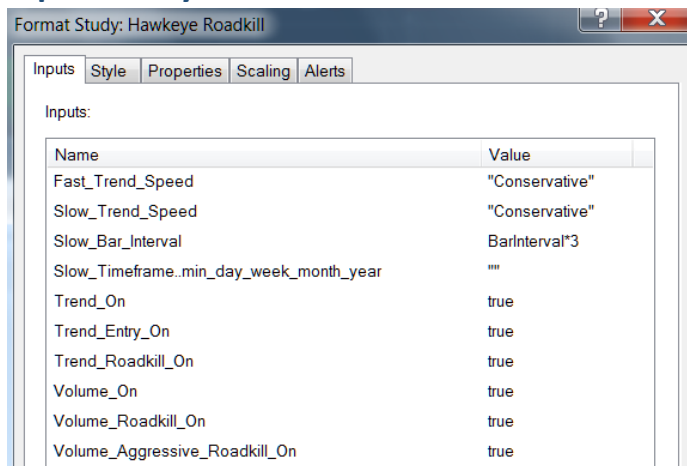
## Hawkeye Roadkill

Hawkeye Roadkill works on two time frames simultaneously to provide analysis and entry signals. It uses the current chart time frame and a second slower/higher time frame. This second time frame must be of a longer period than the current chart.



The bottom histogram shows the Hawkeye Volume color on the second time frame. The middle row of dots shows the Hawkeye Volume color on the second time frame. The top row of dots shows one of four entry signals – Trend Entry, Trend Roadkill, Volume Roadkill, Volume Aggressive Roadkill.

## Inputs & Style



'Fast\_Trend\_Speed' is set to Normal, Conservative, Aggressive. This sets the Trend Speed for the current chart.

'Slow\_Trend\_Speed' is set to Normal, Conservative, Aggressive. This sets the Trend Speed for the second (slower/higher) time frame.

'Slow\_Bar\_Interval' sets the interval of the second (slower/higher) time frame. This is entered as a number which should be a direct multiple of the current bar interval, e.g. if the current bar interval is 5 then you should enter 10, 15, 20 etc. Alternatively, for tick and minute charts you can use the syntax BarInterval\*x where x is any integer.

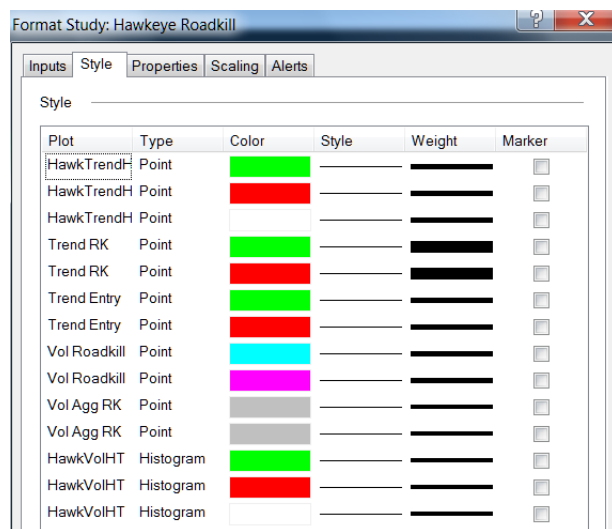
'Slow\_Timeframe..min\_day\_week\_month\_year' is used to change the underlying timeframe of the calculation, i.e. if you are currently on a minute chart and wish to calculate for a daily chart then you will enter "day".

'Trend\_On' turns the display of the second time frame Trend on (true) and off (false).

'Volume\_On' turns the display of the second time frame Volume on and off.

'Trend\_Entry\_On', 'Trend\_Roadkill\_On', 'Volume\_Roadkill\_On', 'Volume\_Aggressive\_Roadkill\_On' turn the entry signal dots on (true) and off (false).

You can change the color and style of the signals to suit your preferences.



## Alerts

Alerts are triggered whenever a Trend Entry, Trend Roadkill, Volume Roadkill, Volume Aggressive Roadkill signal is generated.

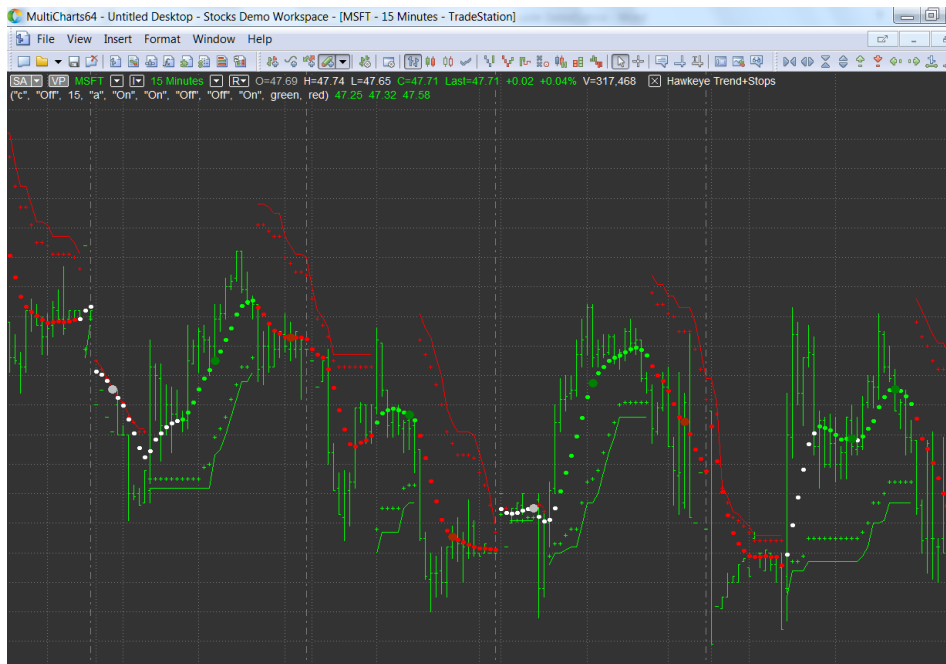
## Data Window

Hawkeye Roadkill shows the current status of all Roadkill signals by their color.

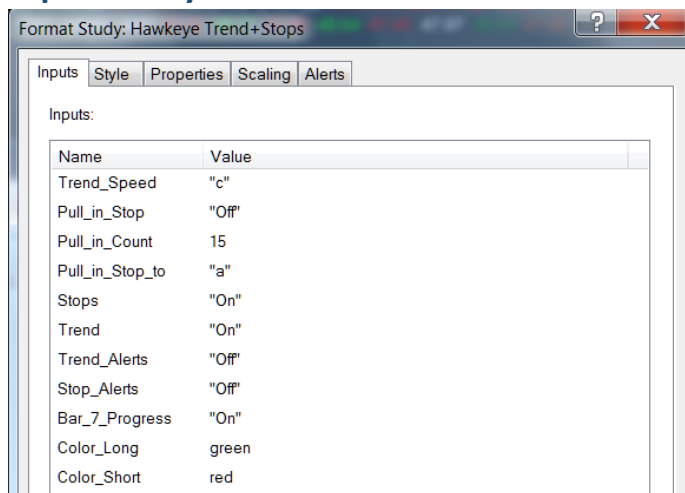
Data Window	
Cursor:	
Date	11/12/2014
Time	10:45
Price	47.27
MSFT:	
O	47.34
H	47.49
L	47.31
C	47.42
Up Vol	1,071,002
Dn Vol	791,308
BarNumber	1,544
Hawkeye Roadkill:	
HawkTrendHT	N/A
HawkTrendHT	N/A
HawkTrendHT	4.00
Trend RK	N/A
Trend RK	N/A
Trend Entry	N/A
Trend Entry	N/A
Vol Roadkill	7.00
Vol Roadkill	N/A
Vol Agg RK	7.00
Vol Agg RK	N/A
HawkVolHT	2.00
HawkVolHT	N/A
HawkVolHT	N/A

## Hawkeye Trend+Stops

Hawkeye Trend+Stops shows the current Hawkeye Trend color and the location of the Stops and Barriers.



## Inputs & Style



'Trend\_Speed' is set to Normal "n", Conservative "c", Aggressive "a".

'Pull\_in\_Stop', 'Pull\_in\_Count', 'Pull\_in\_Stop\_to' can be enabled to reduce the Stop size after x number of bars. The 'Pull\_in\_Stop\_to' must always be a tighter Stop than the Trend Speed e.g. you can pull in from Normal to Aggressive but you cannot pull in from Aggressive to Normal.

'Stops' turns the Stops on and off.

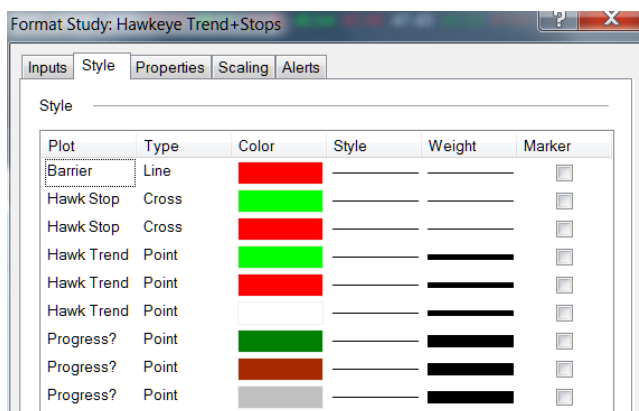
'Trend' turns the Trend dot display on and off.

'Trend\_Alerts' turns the Trend Alerts on and off.

'Stop\_Alerts' turns the Stop Alerts on and off.

'Bar\_7\_Progress' turns Bar 7 Progress on and off. This displays an additional marker whenever the Trend has remained constant for seven bars.

Color Long and Color Short set the Trend color for long and short.



The signals color and style can be changed to suit your preferences.

## Alerts

Alerts are triggered whenever the Hawkeye Trend changes color.

## Data Window

Hawkeye Trend+Stops displays the color and value for the Trend and Stops in the data window.

Data Window		✕
Cursor:		
Date		11/12/2014
Time		12:15
Price		47.21
MSFT:		
O		47.73
H		47.74
L		47.53
C		47.56
Up Vol		238,251
Dn Vol		234,939
BarNumber		1,550
Hawkeye Trend+Stops:		
Barrier		47.07
Hawk Stop		47.15
Hawk Stop		N/A
Hawk Trend		47.47
Hawk Trend		N/A
Hawk Trend		N/A
Progress?		47.47
Progress?		N/A
Progress?		N/A

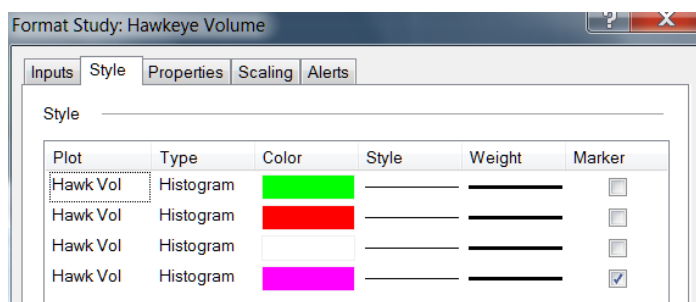
## Hawkeye Volume

Hawkeye Volume shows the volume size and color.



## Inputs & Style

There are no user defined inputs for Hawkeye Volume.



Up volume, Down volume and Neutral volume colors can be set to your preference.

The last color is set for the currently forming bar where no Trend decision has yet been made.

## Alerts

An alert is triggered when the Volume color turns green (positive) or red (negative).

## Data Window

Hawkeye Volume shows the Volume size and color in the data window.

Hawkeye Volume:	
Hawk Vol	N/A
Hawk Vol	1.00
Hawk Vol	N/A
Hawk Vol	N/A

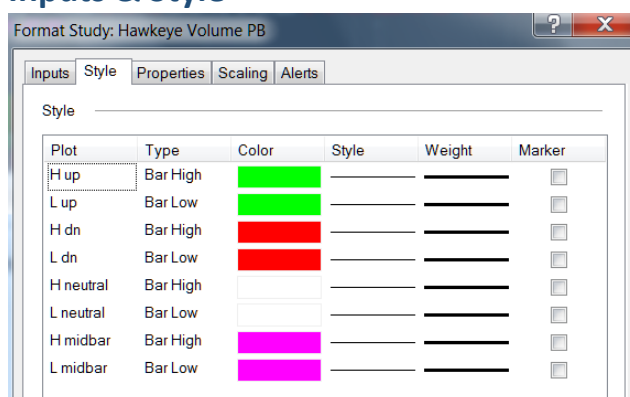


## Hawkeye Volume PB

Hawkeye Volume PB colors the price bars the color of the Volume bars. It can be used instead of Hawkeye Volume to get Volume color without taking up additional screen real estate.



## Inputs & Style



Up volume, Down volume and Neutral volume colors can be set to your preference.

## Alerts

An alert is triggered when the Volume color turns green (positive) or red (negative).

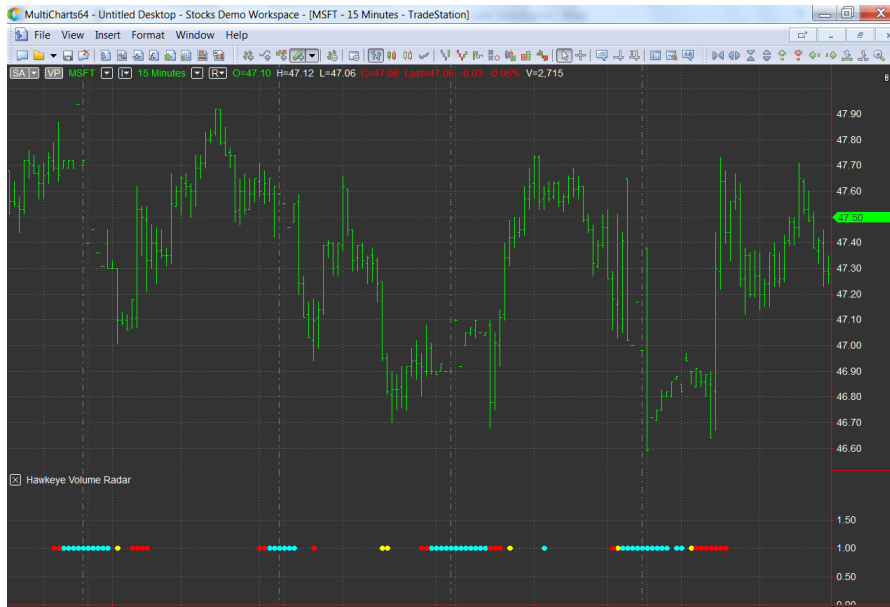
## Data Window

Hawkeye Volume PB shows the Volume color in the data window.

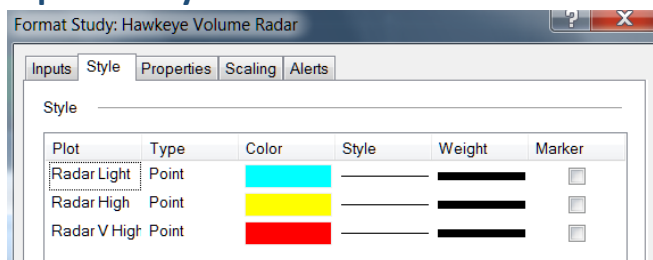
Data Window		✕
Cursor:		
Date		10/12/2014
Time		15:00
Price		46.88
MSFT:		
O		46.84
H		46.92
L		46.76
C		46.80
Up Vol		297,523
Dn Vol		356,637
BarNumber		1,522
Hawkeye Volume PB:		
H up		N/A
L up		N/A
H dn		46.92
L dn		46.76
H neutral		N/A
L neutral		N/A
H midbar		N/A
L midbar		N/A

## Hawkeye Volume Radar

Hawkeye Volume Radar signals bars of Light, High and Very High Volume. It is usually used in conjunction with Hawkeye Volume. By default, a bar with light volume is signalled with a cyan dot, a bar with high volume is signalled with a yellow dot and a bar with very high volume is signalled with a red dot.



## Inputs & Style



Light, High and Very High volume colors can be set to your preference.

## Alerts

An alert is triggered whenever a Light, High or Very High signal is given

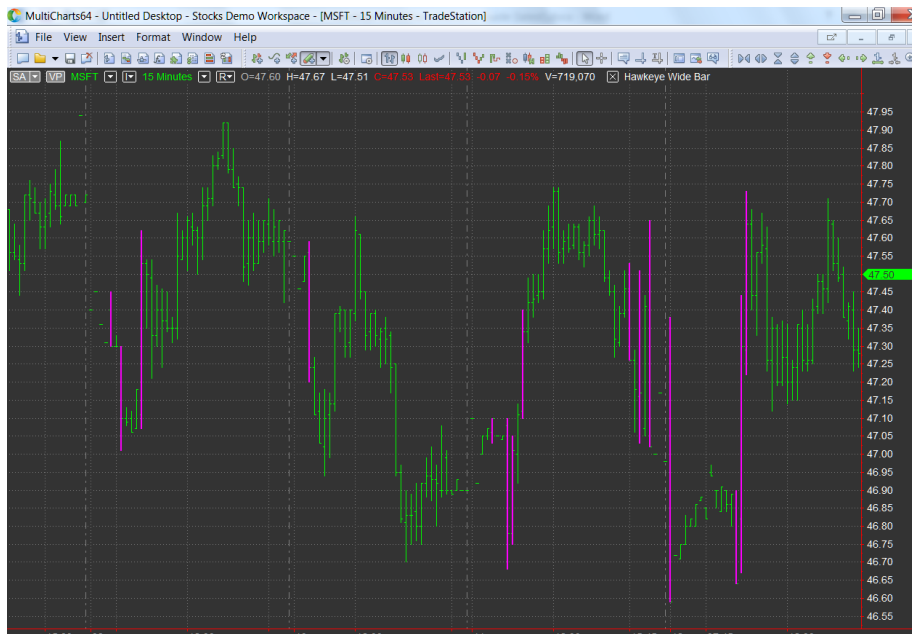
## Data Window

Hawkeye Volume Radar shows the volume as Light, High or Very High in the data window.

Data Window		×
Cursor:		
Date	10/12/2014	
Time	10:30	
Price	47.15	
MSFT:		
O	47.02	
H	47.18	
L	46.94	
C	47.10	
Up Vol	925,646	
Dn Vol	871,030	
BarNumber	1,504	
Hawkeye Volume Radar:		
Radar Light	N/A	
Radar High	N/A	
Radar V High	1.00	

## Hawkeye Wide Bar

Hawkeye Wide Bar shows price bars of exceptionally high volatility. The bar is colored to signal a wide bar.



## Inputs & Style



High Bar and Low Bar color can be changed to suit your preferences.

## Alerts

An alert is triggered whenever a Wide Bar is found.

## Data Window

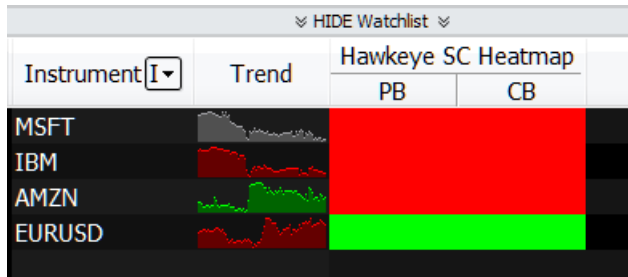
Hawkeye Wide Bar displays the high and the low of the Wide Bar in the Data Window.

Data Window		×
Cursor:		
Date		11/12/2014
Time		09:45
Price		46.98
MSFT:		
O		47.08
H		47.10
L		46.68
C		46.78
Up Vol		1,066,149
Dn Vol		1,759,793
BarNumber		1,540
Hawkeye Wide Bar:		
Hawk WideBar		47.10
Hawk WideBar		46.68

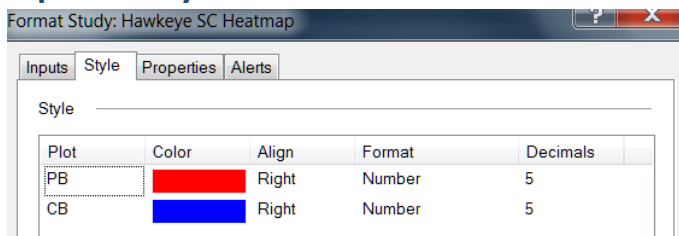
## Scanner Studies

### Hawkeye SC Heatmap

Hawkeye SC Heat Map shows the current market sentiment as bright green, dark green, bright red and dark red bars. 'Hawkeye SC Heatmap PB' is the Heat Map color for the previous bar. 'Hawkeye SC Heatmap CB' is the color for the current bar.



### Inputs & Style







PB Color and CB Color allow you to change the bar colors to suit your preferences.

### Alerts

An alert is activated when the current bar changes color.

## Hawkeye SC Pivots

Hawkeye SC Pivots displays isolated highs and isolated lows.

HIDE Watchlist		
Instrument <input type="text" value="I"/>	Trend	Hawkeye SC Pivots
MSFT		Pivot Low
IBM		Pivot High
AMZN		Pivot Low
EURUSD		Pivot High

## Inputs & Style

There are no user defined inputs in this indicator.




## Alerts

An alert is triggered whenever a Pivot High or Pivot Low is detected.



## Hawkeye SC Radar

Hawkeye SC Radar signals Light, High and Very High Volume.

HIDE Watchlist		
Instrument	Trend	Hawkeye SC Radar
MSFT		Low Vol
IBM		Low Vol
AMZN		Low Vol

### Inputs & Style

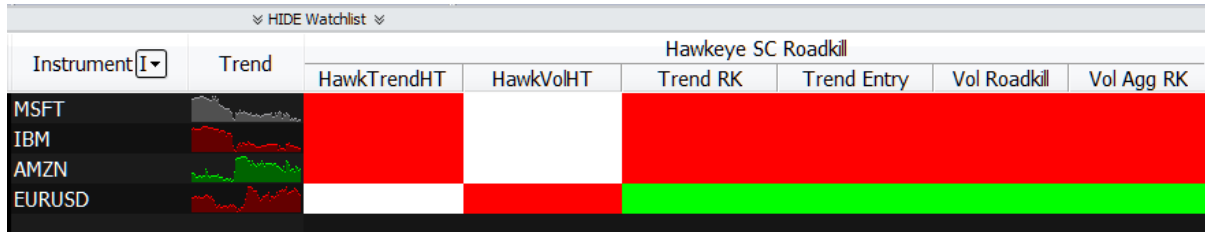
There are no user defined inputs for this indicator.

### Alerts

An alert is triggered whenever a Light, High or Very High signal is given.

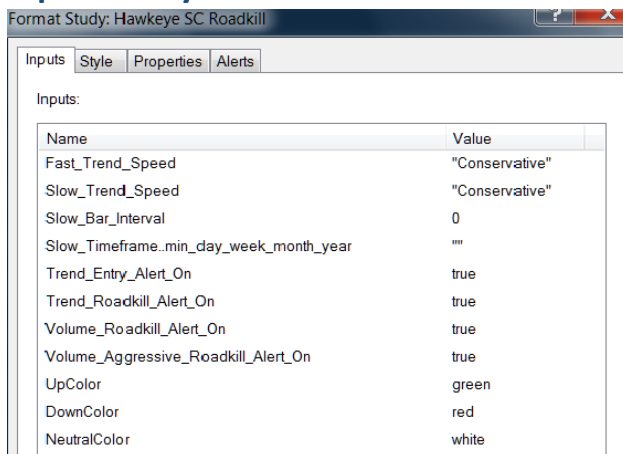
## Hawkeye SC Roadkill

Hawkeye Roadkill works on two time frames simultaneously to provide analysis and entry signals. It uses the current chart time frame and a second slower/higher time frame. This second time frame must be of a longer period than the current chart.



The HawkTrendHT column shows the Hawkeye Volume color on the second time frame. The HawkVolHT column shows the Hawkeye Volume color on the second time frame. The further four columns show Trend Roadkill, Trend Entry, Volume Roadkill, Volume Aggressive Roadkill signals.

## Inputs & Style



'Fast\_Trend\_Speed' is set to Normal, Conservative, Aggressive. This sets the Trend Speed for the current chart.

'Slow\_Trend\_Speed' is set to Normal, Conservative, Aggressive. This sets the Trend Speed for the second (slower/higher) time frame.

'Slow\_Bar\_Interval' sets the interval of the second (slower/higher) time frame. This is entered as a number which should be a direct multiple of the current bar interval, e.g. if the current bar interval is 5 then you should enter 10, 15, 20 etc. Alternatively, for tick and minute charts you can use the syntax BarInterval\*x where x is any integer.

'Slow\_Timeframe..min\_day\_week\_month\_year' is used to change the underlying timeframe of the calculation, i.e. if you are currently on a minute chart and wish to calculate for a daily chart then you will enter "day".

'Trend\_Entry\_Alert\_On', 'Trend\_Roadkill\_Alert\_On', 'Volume\_Roadkill\_Alert\_On', 'Volume\_Aggressive\_Roadkill\_Alert\_On' all set alerts for the named signal.




'UpColor', 'DownColor' and 'NeutralColor' set the colors for the Trend and Volume displays.

## Alerts

Alerts are triggered whenever a Trend Entry, Trend Roadkill, Volume Roadkill, Volume Aggressive Roadkill signal is generated.

## Hawkeye SC Trend+Stops

Hawkeye SC Trend+Stops shows the current Hawkeye Trend and the location of the Stops and Barriers.

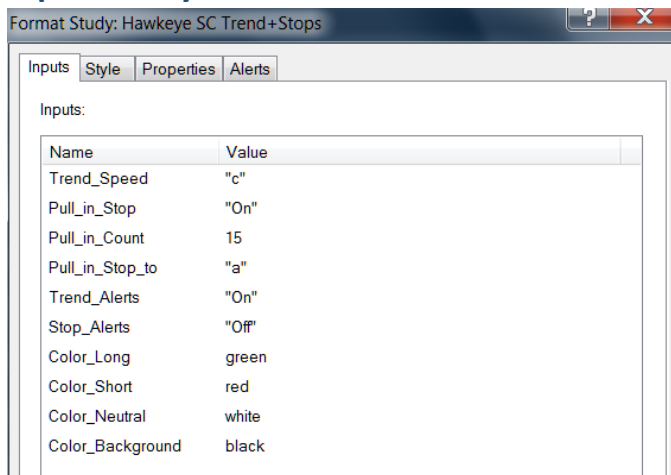
Hawkeye SC Trend+Stops		Hawkeye SC Trend+Stops				
Instrument	Trend	Count	PB	CB	Stop	Crash B
MSFT		9.00000		-1.00000	47.43000	47.46000
IBM		3.00000		-1.00000	160.45000	160.53000
AMZN		6.00000		-1.00000	312.39000	312.78000
EURUSD		14.00000		1.00000	1.21570	1.21540

The 'Count' column displays the number of bars that the instrument has been in the current trend.

'PB' is the trend color for the previous bar, CB is the trend color for the current bar.

'Stop' and 'Crash B' show the stop and crash barrier levels.

## Inputs & Style



'Trend\_Speed' is set to Normal, Conservative, Aggressive.

'Pull\_in\_Stop', 'Pull\_in\_Count', 'Pull\_in\_Stop\_to' can be enabled to reduce the Stop size after x number of bars. The 'Pull\_in\_Stop\_to' must always be a tighter Stop than the Trend Speed e.g. you can pull in from Normal to Aggressive but you cannot pull in from Aggressive to Normal.

'Trend\_Alerts' and 'Stop\_Alerts' set alerts for the named signal.





Long, Short, Neutral and Background colors can be changed to suit your personal preference.

## Alerts

Alerts are triggered whenever the Hawkeye Trend changes color.

## Hawkeye SC Volume

Hawkeye SC Volume shows the volume color for the Volume.

HIDE Watchlist			
Instrument	Trend	Hawkeye SC Volume	
		PB	CB
MSFT			-1.00000
IBM			
AMZN			
EURUSD			-1.00000

Hawkeye SC Volume PB shows the Volume color for the previous bar. Hawkeye SC Volume CB shows the Volume color for the current bar.

### Inputs & Style





There are no user defined inputs for this indicator.

### Alerts

An alert is triggered when the Volume color turns green (positive) or red (negative).

## Hawkeye SC WideBar

Hawkeye SC Wide Bar shows price bars of exceptionally high volatility. The cell is colored magenta when a Wide Bar is detected. Otherwise it is left blank.

HIDE Watchlist		
Instrument	Trend	Hawkeye SC Wide Bar
MSFT		Wide Bar
IBM		Wide Bar
AMZN		Wide Bar
EURUSD		Wide Bar

### Inputs & Style

There are no user defined inputs for this indicator.

### Alerts

An alert is triggered whenever a Wide Bar is found.

## Frequently Asked Questions

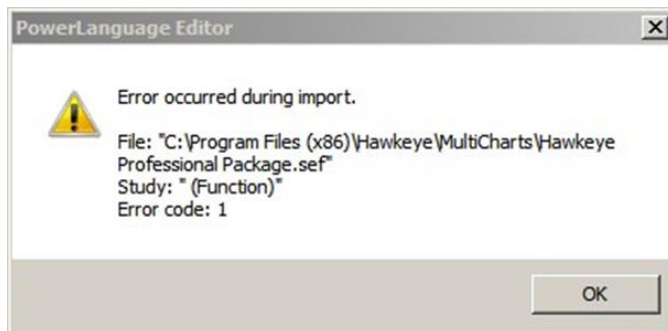
*Q. I can't access the Hawkeye Members' site.*

A. Check you are using the correct Hawkeye Members' User Name and password. Try using a different browser to access the site.

*Q. I can't download the Hawkeye software.*

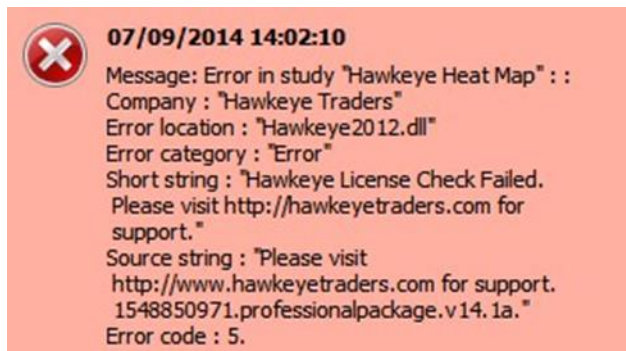
A. Try using a different internet browser.

*Q. I am getting the following error when I try to run the **Hawkeye for MultiCharts** installer.*



A. You have MultiCharts open while you are trying to run the Hawkeye installer. Close down MultiCharts and rerun the install process.

*Q. I am getting a license check error like the one below when I try and use Hawkeye.*



A. Check that you have entered the MultiCharts User ID correctly in the 'My Account' page in the Members' site. Details of how to find your MultiCharts User ID can be found in the Before You Start section in the Installation Guide.

A. Check that you have downloaded the correct Hawkeye package from the Members' site.

A. Check that you have an internet connection. Even a brief loss of internet connection can cause a license error. Close MultiCharts, reboot your PC and restart MultiCharts.

If you cannot find the answer to your problem here, or if you need any other help at all, please contact the Hawkeye Team at [team1@hawkeyetraders.com](mailto:team1@hawkeyetraders.com)

## Contacts and Useful Links

### Hawkeye Support

If you have any questions about your Hawkeye Indicators, please contact our Support Team at: [team1@hawkeyetraders.com](mailto:team1@hawkeyetraders.com)

Alternatively use the following link to access our Support Page and complete a Contact Form: [Contact the Hawkeye Team](#)

Please provide as much information as you can about your problem, including any error messages, and screenshots showing the problem, and one of our Support Team will get back you as soon as possible.

Additional learning resources are available from the Hawkeye Members' site at: [HawkeyeTraders.com/Members/Resources](http://HawkeyeTraders.com/Members/Resources)

You can find information on further Hawkeye training, including Hawkeye seminars and one-to-one mentoring, from the main Hawkeye website at: [HawkeyeTraders.com/Education](http://HawkeyeTraders.com/Education)

### Hawkeye Free Training Rooms

If you are starting out with Hawkeye we highly recommend you come along to our free live Training Room every Wednesday. Every week we go over the basics of volume trading to help you learn more about the Hawkeye approach to trading.

[Register here for the Wednesday Training Room](#)

When you are ready to delve deeper into the Hawkeye method join our monthly live Thursday Trade Room. This room is only open to Hawkeye Members.

Register for the Thursday Training Room on the 'Trade Room' page of the Members' site [here](#)

In Hawkeye's live training rooms, you'll learn to:

- Identify low risk trade entries using the Hawkeye suite of tools
- Analyze price action using Volume, the holy grail of indicators
- Identify strengths and weakness across all major markets
- Enter using trend and volume signals
- Manage and build positions

In short, how to get in, stay in, and when to get out!



## Hawkeye Traders Chat Room

Trading can sometimes feel a lonely activity, but it doesn't have to be that way. Join the Hawkeye trading forum on Skype and talk to other Hawkeye traders, swap trading ideas and strategies and discover how they are getting the most out of their Hawkeye indicators. And best of all its free.

To join simply send a Chat Room contact request to our Skype address: **hawkeyetraderssupport**

Please include your full name if different from your Skype ID to help us identify you as a Hawkeye Member.

## Fast Start

If you feel you still need some extra individual support getting up and running with Hawkeye, our **Fast Start** service is designed to help.

With **Fast Start**, you get one full hour of a trained technician connected to your computer to setup, diagnose, and answer all your questions related to MT4 setup, Hawkeye setup, installation, and chart setup. To order our Fast Start service just click the link below.

[Fast Start - Get Started Quickly](#)

## MultiCharts

This Installation Guide is designed as a quick start to help you get started with Hawkeye for MultiCharts.

If you need more in depth information on using the MultiCharts platform there are a number of help and support resources available from MultiCharts. Use the links below to access the MultiCharts website.

[MultiCharts Help & Video Tutorials](#)

[MultiCharts Free Webinars](#)

[MultiCharts Discussion Forum](#)