

Cycle Trends Plus

MetaStock® Add-On Manual

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www.cycletrends.net

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Welcome

Congratulations on your purchase of the Cycle Trends Plus add-on for MetaStock.

For more than 20 years Cycle Trends has been used by thousands of investors and traders as a stand-alone program to chart future trends based on market cycles. These tried and tested cycle indicators are now available to you within MetaStock, giving you an edge in your trading.

Cycle Analysis

Financial markets tend to move in cycles over time. The analysis of these market cycles can determine the predicted future trend of market instruments, thereby giving you an edge when trading those instruments.

There are two types of cycles: Regular Cycles (like the day/night cycle) and Irregular Cycles (such as those that are inherent in financial markets).

The Cycle Trends add-on determines these irregular cycles of differing lengths and combines them into one regular cycle using complex mathematical formulas. This regular cycle can then be used to identify peaks, lows, and trends which can be extended into the future to predict new peaks, lows, and trends. The theory is that if these cycles have been consistently repeating in the past, they will continue to do so into the future.

Cycle Trends provides a combination of indicators that can be used for accurate cycle analysis, thereby helping you to forecast the predicted future movement of stocks, shares, options, currencies, etc.

How to Use This Manual

If you are comfortable with basic tasks in MetaStock, this manual is all you need to learn to use Cycle Trends Plus. If you are a beginning user, please read the MetaStock Getting Started manual before using Cycle Trends Plus.

Installing Cycle Trends Plus

Cycle Trends Plus is provided as a downloadable installation to ensure that every new user has the latest release of the add-on. Downloading, installing, and validating your software license are all handled by the Cycle Trends Manager.

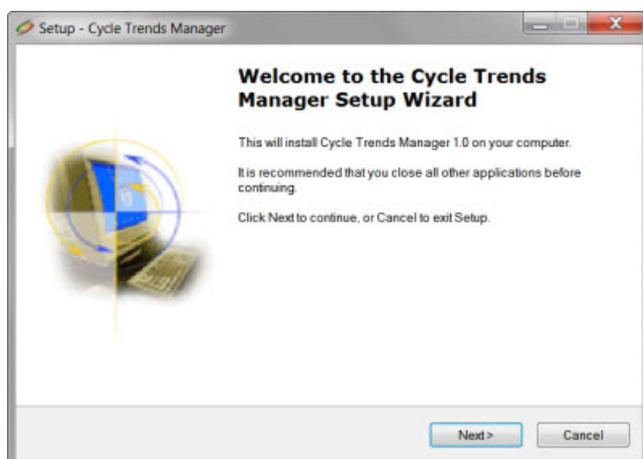
When you purchase Cycle Trends Plus you will receive a welcome e-mail containing your unique Cycle Trends username and password along with a link to download and install the Cycle Trends Manager.

The Cycle Trends Manager is a tool that helps you manage your Cycle Trends licenses and installations, and allows you to quickly and easily validate your Cycle Trends Plus license, and to install the add-on.

You click on the link provided in the e-mail to [download and install the Cycle Trends Manager application](http://www.cycletrends.net/ctdr/ctmgrs.exe), or you can enter (or copy and paste) the following into the address bar of your web browser:

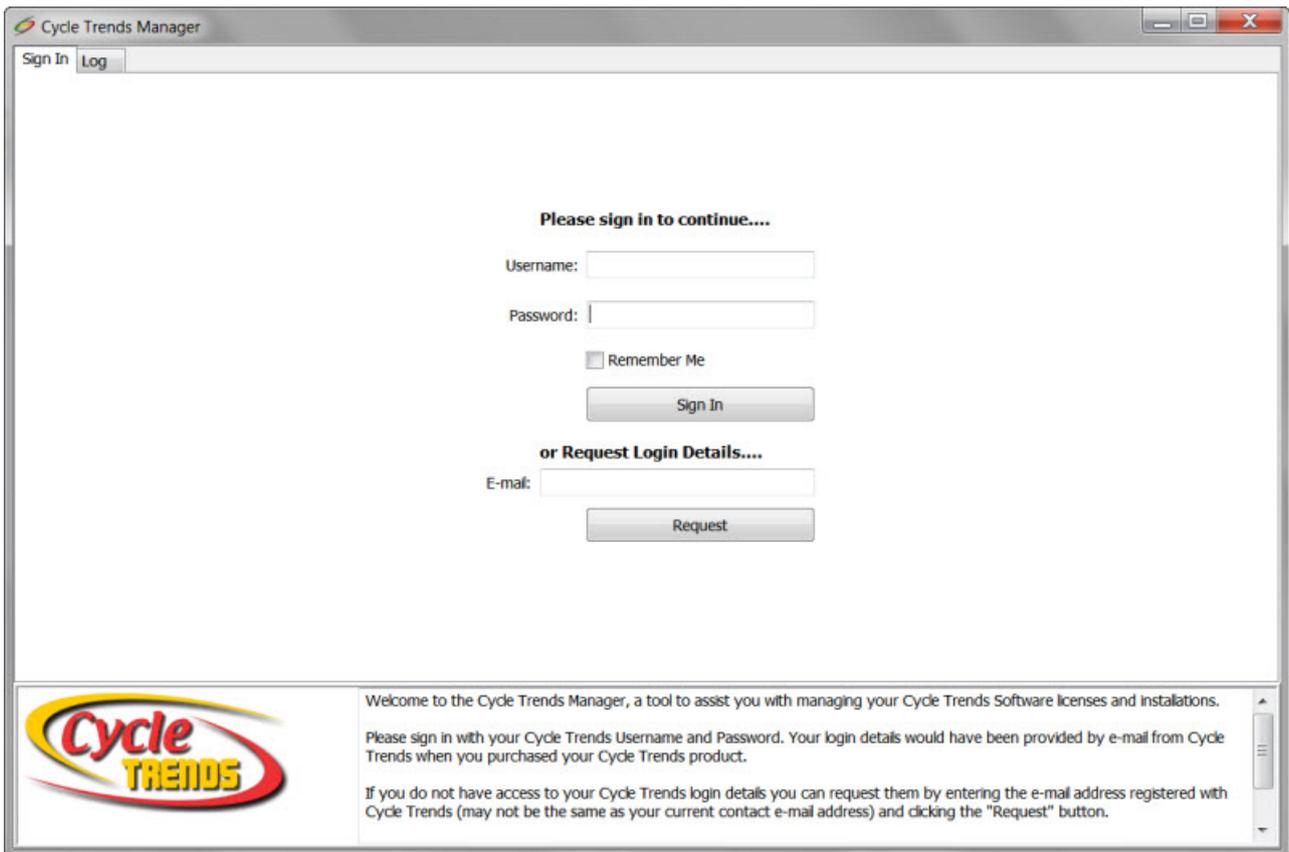
<http://www.cycletrends.net/ctdr/ctmgrs.exe>

If asked to "run" or "save" the download please select "run" and if you receive any security alerts it is fine to continue as you can trust our software. You may need to select an additional "OK", "Yes" or "Run" to continue with the installation.

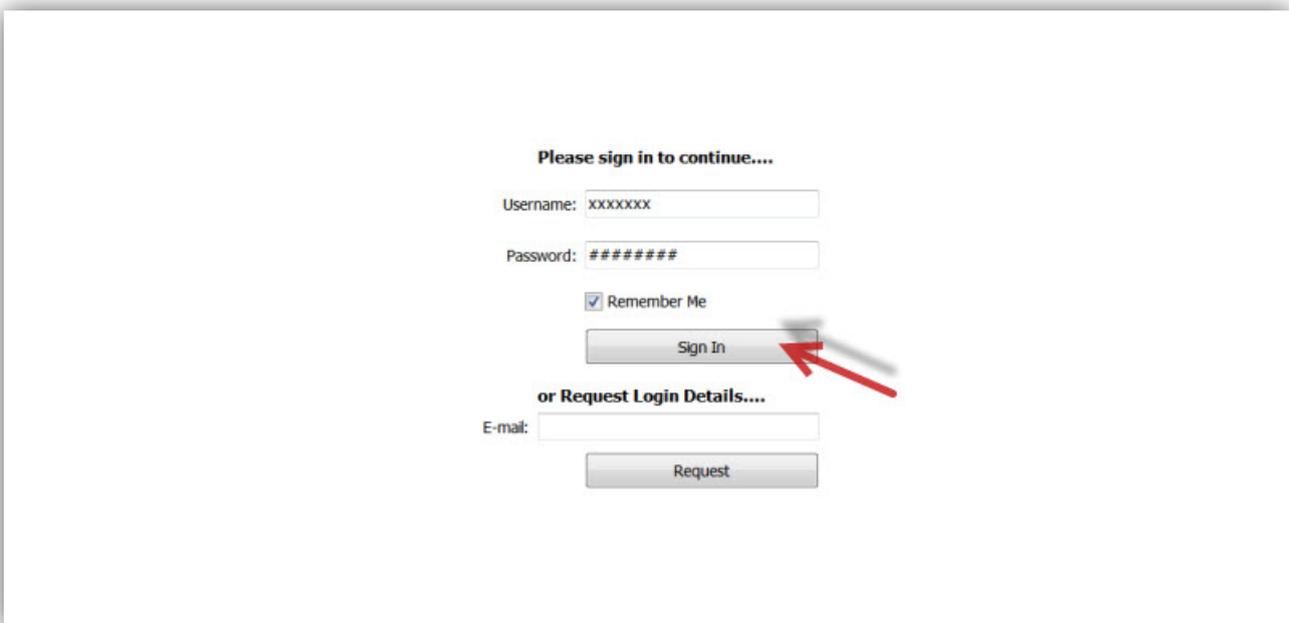


The application setup wizard will then start. Simply click the "Next" button to install and run the Cycle Trends Manager.

You then sign into your Cycle Trends account by entering your Cycle Trends username and password within the Manager.

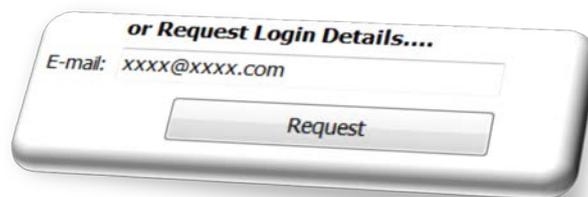


Once you have entered your Cycle Trends username and password, please click the **Sign In** button to sign into your account and retrieve your Cycle Trends license. You can also check the "Remember Me" checkbox if you would like the



Manager to remember your username and password for future use.

If you do not have the required username and password, or have lost or misplaced them, you can request to have these details e-mailed to you by entering your registered email address and clicking the Request button. Please note that you need to enter the e-mail address you used when you first purchased the product, which may not be your current contact e-mail address. Your login details will then be emailed to your registered email and to any other contact email address you have on file.



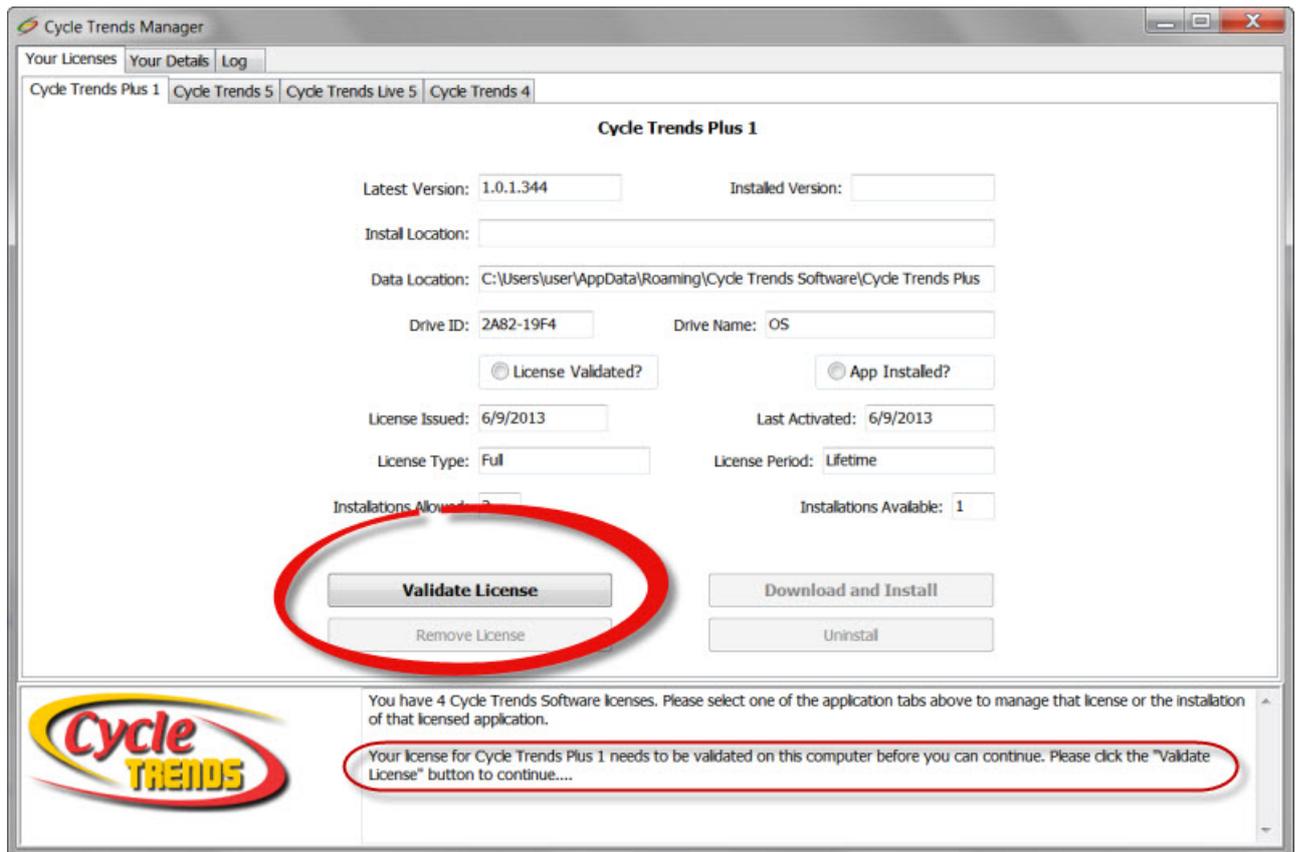
Depending on your internet connection, it may take a minute or more to sign in and retrieve your software license details. Once these details have been retrieved, you will be presented with one or more tabs under the main "Your Licenses" tab. The **Cycle Trends Plus** tab will display the latest release version of the add-on and indicate the status of your software license and installation on the computer.

The message box at the bottom of the Manager window will provide you with additional information. If you have not yet validated your license or installed the add-on, you will be instructed with the next step to take.

If you still need to validate the license on the computer, the message will state "Your license for Cycle Trends Plus needs to be validated on this computer before you can continue. Please click the 'Validate License' button to continue..."

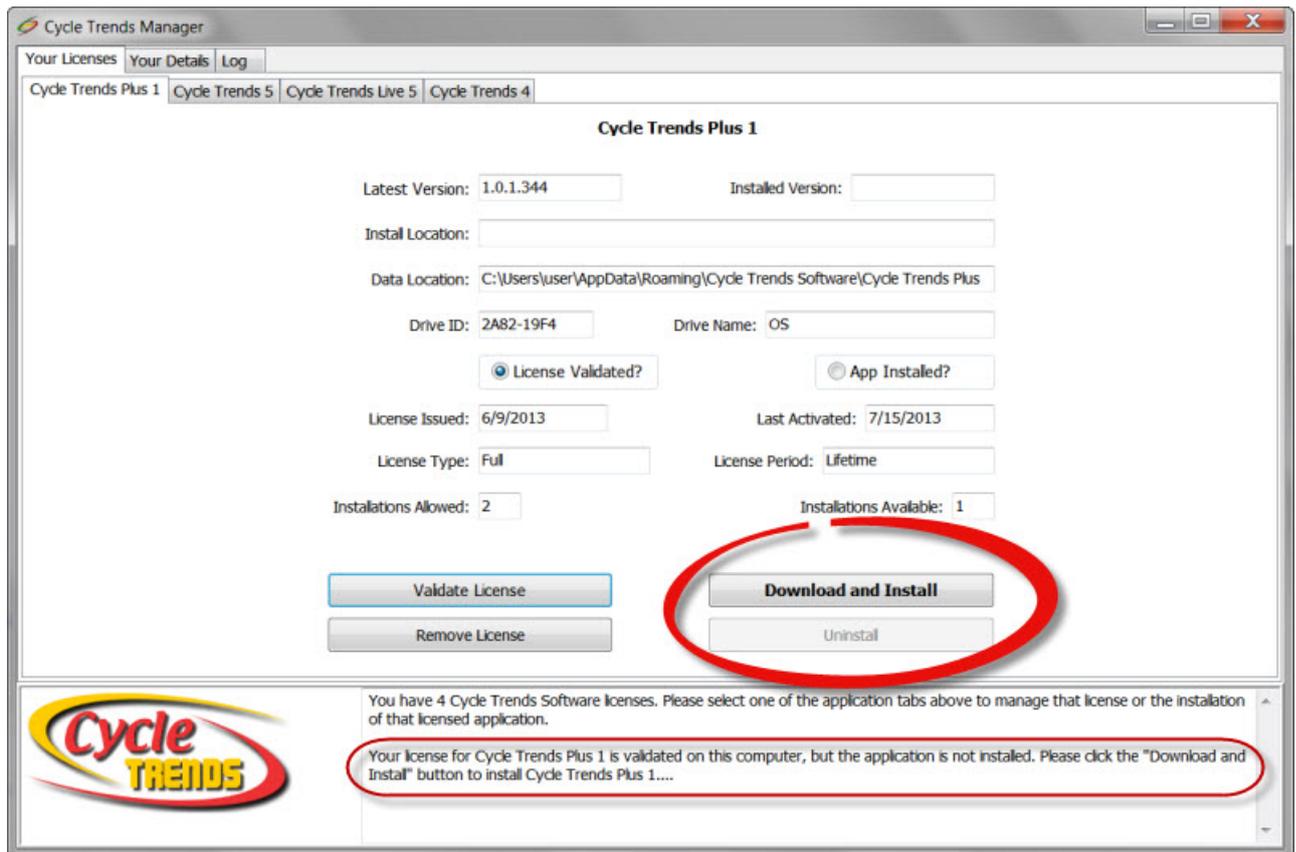
Your license should be successfully validated within a few seconds of clicking the button. If there is any problem with the validation (such as having used all allowed installations used etc.), you can check the **Log** tab at the top for further details. You will also have the option to email the log to Cycle Trends Support for further assistance.

Once your license has been validated, you can proceed with downloading and installing the latest release of the Cycle Trends Plus add-on.



The Cycle Trends Manager will indicate if your add-on license is successfully validated on the computer, and allow you to remove your license from the computer if necessary (e.g. to allow you to install the add-on on a different computer).

If you still need to install the add-on on the computer, the message at the bottom will state that "Your license for Cycle Trends Plus is validated on this computer, but the application is not installed. Please click the 'Download and Install' button to install Cycle Trends Plus...."



Clicking the **Download and Install** button will download the application setup file to your computer. A progress bar will indicate the progress of the download, and once the download is complete the application setup wizard will automatically start.

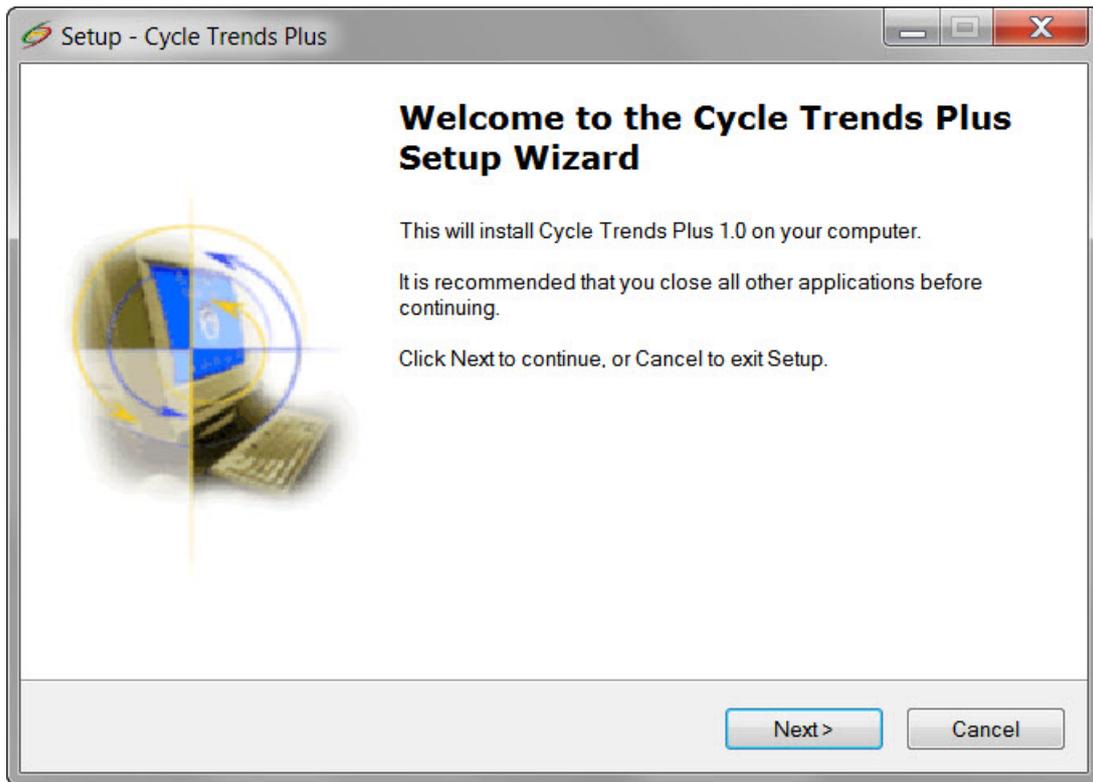
If there are any problems with the download you can check the **Log** tab at the top for further details, or to email the log to Cycle Trends Support for further assistance.

Depending on the configuration and/or the security settings of your computer, you may experience a problem downloading the setup file from within the Cycle Trends Manager.

If necessary, you can manually download the application setup file (just as you did for the Cycle Trends Manager) by using the “alternate download” link provided in your welcome email or by using the address below:

<http://www.cycletrends.net/ctdr/ctplus1.exe>

Run this file (or save it first and then run it) to start the setup wizard.



Click the Next button in the Setup Wizard to complete the installation of Cycle Trends Plus. Part of the installation process will be handled by your MetaStock program which may ask for permission to overwrite existing files etc.

Once your Cycle Trends Plus license has been successfully validated and the add-on successfully installed, you will be ready to start using the add-on in MetaStock.

Please contact support@cycletrends.net should you experience any problems installing the add-on.

The **Cycle Trends Plus** add-on provides five ready-made systems with five corresponding chart templates for use within MetaStock. All five systems can be used with the MetaStock **Explorer** and the **Expert Advisor**.

These systems are:

- **Classic** – the classic Cycle Trends system using the Cycle-Trig indicator, the TrueOBOS indicator, and a Trendic indicator with a period or "speed" of 36. All these indicators need to confirm each other for a positive (bullish) or negative (bearish) opportunity.
- **CycleOBOS** - a system using the Cycle-Trig indicator and the TrueOBOS indicator. Both indicators need to confirm each other for a positive (bullish) or negative (bearish) opportunity.
- **CycleTrendics** – a system using the Cycle-Trig indicator and the Trendic indicator with two different periods or "speeds" of 55 and 36. All these indicators need to confirm each other for a positive (bullish) or negative (bearish) opportunity.
- **Trendics** – a system using the Trendic indicator with three different periods or "speeds" of 55, 36, and 21. All three "speeds" need to confirm each other for a positive (bullish) or negative (bearish) opportunity.
- **Maximus** – a system using the Cycle-Trig indicator, the TrueOBOS indicator, and the Trendic indicator with three different periods or "speeds" of 36, 55 and 21. All these indicators need to confirm each other for a positive (bullish) or negative (bearish) opportunity.

Below is a summary of the indicators, templates, expert advisors, and explorations included with Cycle Trends Plus. All are preceded with the CTP identifier for proper arrangement in the relevant listings.

Indicators

- CTP Cycle-Array
- CTP Cycle-Trig
- CTP Fourier Trend
- CTP Trendic
- CTP TrueOBOS

Templates

- CTP Classic
- CTP CycleOBOS
- CTP CycleTrendics
- CTP Trendics
- CTP Maximus

Expert Advisors

- CTP Classic
- CTP CycleOBOS
- CTP CycleTrendics
- CTP Trendics
- CTP Maximus

Explorations

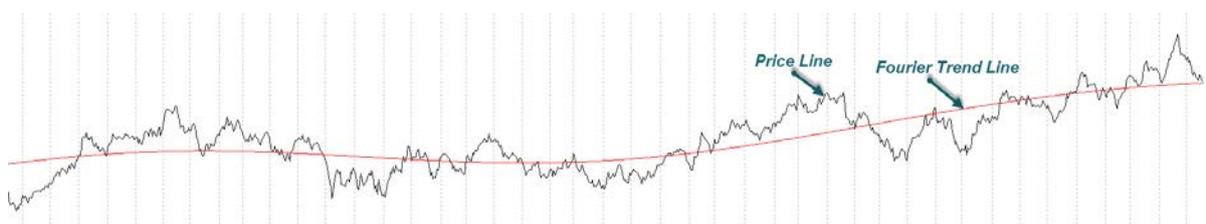
- CTP Classic
- CTP CycleOBOS
- CTP CycleTrendics
- CTP Trendics
- CTP Maximus
-

The templates, expert advisors, and explorations all utilize the Cycle Trends systems indicators detailed on the previous page.

CHAPTER 4 UNDERSTANDING CYCLE TRENDS CHARTS

The best way to use the Cycle Trends indicators in your charts is to use the templates which provide a quick and easy way to format your charts for use with the corresponding system.

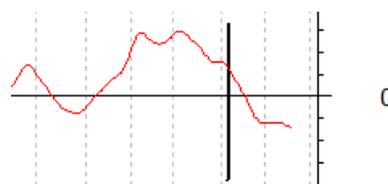
Each template displays the price as a line graph overlaid with the Fourier Trend indicator. The price can be changed to display in other styles such as Bars, Candlesticks, etc. through the Format menu.



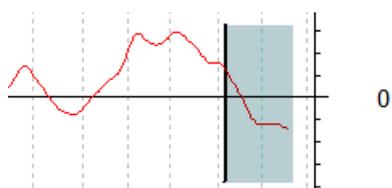
The other indicators are displayed in separate inner windows above the price chart.

The Cycle-Trig Indicator

The Cycle-Trig indicator displays the predicted future trend based on the consistently repeating cycles using the default parameters of "All Cycles" and a period of 30.

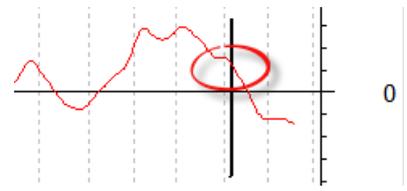


The period determines the size of the 'Future Zone', which is the area to the right of the vertical line, and which indicates where the price should be headed based on the cycles to the left of the vertical line. The period does not affect the cycles and can be changed to any value between 1 and 80, depending on how much of a Future Zone you want to display. The size of the Future Zone



affects the alignment of the indicator with the price graph as the point of the position at the vertical line is the same point (date and time) as the latest price point on the price graph.

The vertical line displays the *current* point in time, with the historical cycles to the left of the line and the predicted future trend of the cycles to the right of the line. The upward or downward direction of the cycles through the vertical line indicates the future trend of the cycles at that point in time and is therefore the most important aspect of this indicator.



An upward movement of the cycles through the vertical line indicates a positive future trend (bullish signal), while a downward movement indicates a negative future trend (bearish signal). A sideways movement (no signal) could also be indicated.

Any signal given by this indicator should be confirmed by other indicators, such as the Trendic and/or TrueOBOS indicators.

The Trendic Indicator

The Trendic indicator displays the current trend, and is derived from the cycles used to determine the Fourier Trend on the price graph.

The number of periods of the Trendic indicator determine how many cycles are used in the Fourier transform. The more cycles that are used, the faster the signal tends to be.

The default periods or “speed” is 36. Trendic 55 (fast) and Trendic 21 (slow) are also used in the included Cycle Trends systems and templates.



The Trendic indicator triggers a bullish or bearish signal. A positive (bullish) signal is triggered when the Trendic line moves from the negative zone through zero into the positive zone, and a negative (bearish) signal is triggered when the Trendic line moves from the positive zone through zero into the negative zone.

You should never go against the direction of the Trendic indicator. When the Trendic signals match the direction of the cycle a potential bullish or bearish signal can be given depending on their direction.

Any signals given by this indicator should be confirmed by other indicators, such as the Cycle-Trig, TrueOBOS, and/or additional Trendic indicators of differing periods or “speeds”.

The TrueOBOS Indicator

The TrueOBOS indicator is an overbought/oversold indicator which is derived from the cycles used to determine the Fourier Trend on the price graph.

The first lines above and below zero (the thin red and green lines) are 1 MAPD (Mean Absolute Percentage Deviation) away from the Fourier Trend and the second (thicker) lines are 2 MAPD away.



An extreme oversold level is indicated when the TrueOBOS reaches the second (thick green) oversold line in the negative zone, and a mildly oversold level is indicated at the first (thin green) line. The inverse is true with Overbought levels and the red lines.

Major cycle lows should coincide with TrueOBOS oversold levels being between the two green lines in the negative zone. Major cycle highs should coincide with the TrueOBOS overbought levels being between the two red lines in the positive zone. Consider buying when the TrueOBOS is close to the green oversold line (negative zone), and consider selling when it is close to the red overbought line (positive zone).

Any signals given by this indicator should be confirmed by other indicators, such as the Cycle-Trig and/or Trendic indicators.

The Templates – Putting It All Together

The five templates included in the add-on use the recommended settings that when combined produce the “confirmed” positive or negative signals.

Each market or market condition develops its own profile of cycles that influence price direction. The System Tests included in the add-on can help with determining which Cycle Trends system will give the best results for a particular market or market condition.

The CycleTrendics and the Trendics templates tend to give the best overall results and are the recommended templates for traders.

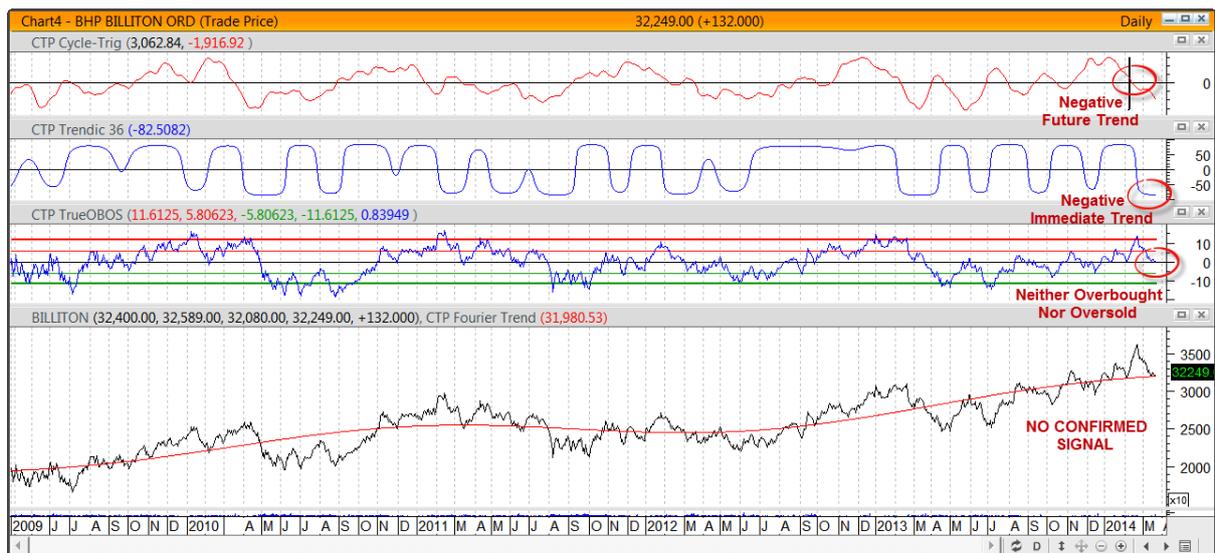
As historical cycles are better defined when more historical data is available to work with, it is recommended that you load at least 900 data points when opening a chart.

The Classic Template

This template is a general system that combines a Cycle-Trig indicator (future trend), a Trendic 36 indicator (immediate trend), and a TrueOBOS indicator to produce a “confirmed” signal.

A positive or bullish signal exists if the Cycle-Trig is trending up from a cycle low and is confirmed by the Trendic being in the positive zone and the TrueOBOS moving up from the oversold (negative) zone.

A negative or bearish signal exists if the Cycle-Trig is trending down from a cycle top and is confirmed by the Trendic being in the negative zone and the TrueOBOS moving down from the overbought (positive) zone.



The annotations added to this chart using the Classic template point out that this system is not giving any confirmed signal at this point in time. If the TrueOBOS indicator was currently at the previous overbought level then all three indicators would have given a confirmed negative signal.

The CycleOBOS Template

This template is similar to the Classic template but it only uses the Cycle-Trig indicator and the TrueOBOS indicator to produce a “confirmed” signal.

A positive or bullish signal exists if the Cycle-Trig is trending up from a cycle low and this is confirmed by the TrueOBOS moving up from the oversold (negative) zone.

A negative or bearish signal exists if the Cycle-Trig is trending down from a cycle top and this is confirmed by the TrueOBOS moving down from the overbought (positive) zone.

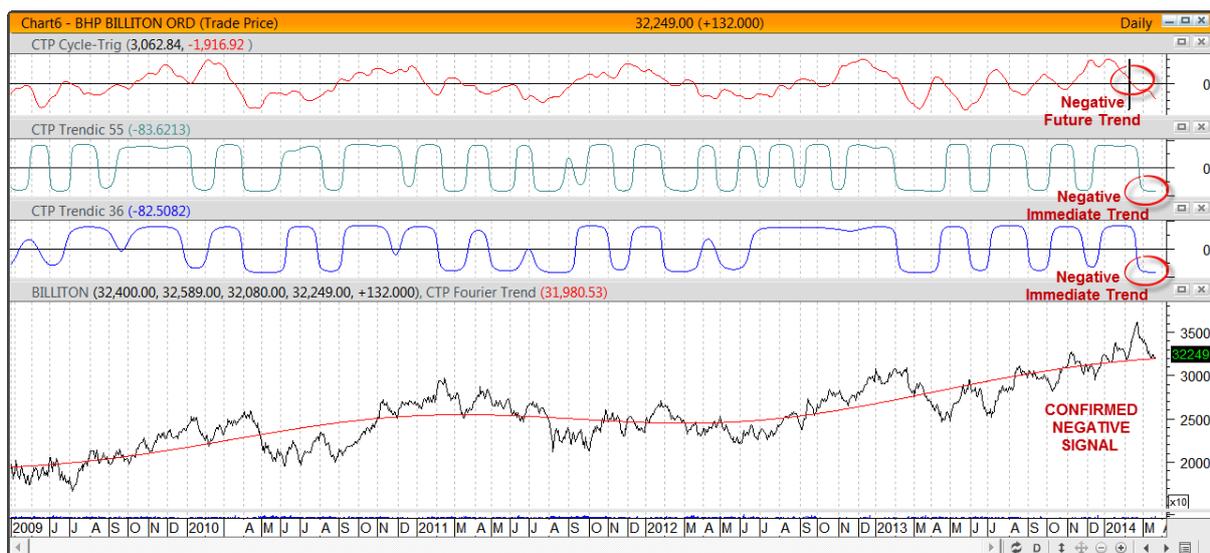
The CycleTrendics Template

This recommended template combines a Cycle-Trig indicator with a fast Trendic indicator (Trendic 55) and a slower Trendic indicator (Trendic 36) to produce a “confirmed” signal.

Two Trendic indicators of differing “speeds” are used to be more certain of the direction of the current trend. Both Trendics should be pointing in the same direction to confirm the direction of the current trend.

A positive or bullish signal exists if the Cycle-Trig is trending up from a cycle low and this is confirmed by both Trendics being in the positive zone.

A negative or bearish signal exists if the Cycle-Trig is trending down from a cycle top and this is confirmed by both Trendics being in the negative zone.



The annotations added to this chart using the CycleTrendics template point out that this system is giving a confirmed negative signal at this point in time.

The Trendics Template

This recommended template combines three Trendic indicators of differing “speeds”, namely Trendic 55 (fast), Trendic 36 (medium), and Trendic 21 (slow), to produce a “confirmed” signal.

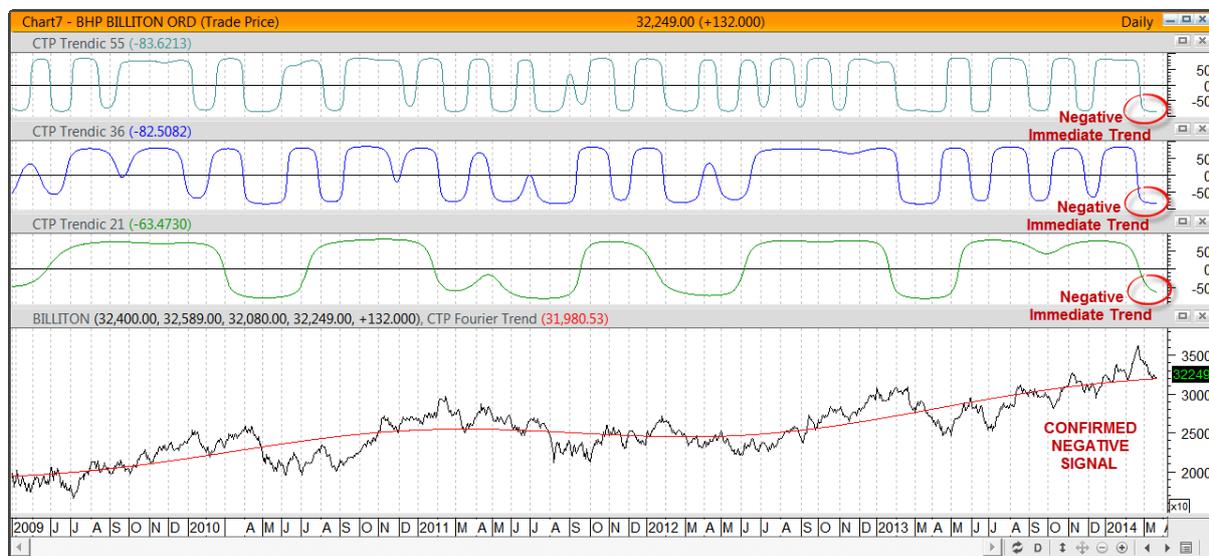
This template has great practical application when an instrument is in an extended upward or downward run.

Remember that the Trendic is a cycle-based indicator derived from the cycles in the Fourier Trend line on the price graph and indicates the immediate trend based on the number of cycles applied to the indicator.

All three Trendics should be in the same zone at the same time to confirm the immediate trend as being either positive or negative.

A positive or bullish signal exists if all three Trendics are in the positive zone.

A negative or bearish signal exists if all three Trendics are in the negative zone.



The annotations added to this chart using the Trendics template point out that this system is giving a confirmed negative signal at this point in time.

A change in trend is signaled when one of the Trendics changes its signal. This can be used to either take profits when a share is moving in a strong uptrend or to close a trade if a share is falling.

For example, starting with all 3 Trendics pointing upwards (positive) and the share price rocketing upwards, your first profits could be taken when the Trendic 55 turns negative. You could take a third of your profits at this point, and then take a further third when the Trendic 36 turns negative, and the remainder when Trendic 21 goes negative.

This Trendics system gives excellent results when compared to other technical systems.

The Maximus Template

This template essentially combines the Classic template and the Trendics template by using a Cycle-Trig indicator, a TrueOBOS indicator, and the three Trendic indicators of differing “speeds”, these being the Trendic 55 (fast), Trendic 36 (medium), and Trendic 21 (slow), to produce a “confirmed” signal.

This template is mostly used when trading Forex and functions best with real-time data, resulting in excellent bullish and bearish signals.

All these indicators need to confirm each other for a confirmed signal.

A positive or bullish signal exists if the Cycle-Trig is trending up from a cycle low and this is confirmed by all three Trendics being in the positive zone and the TrueOBOS moving up from the oversold (negative) zone.

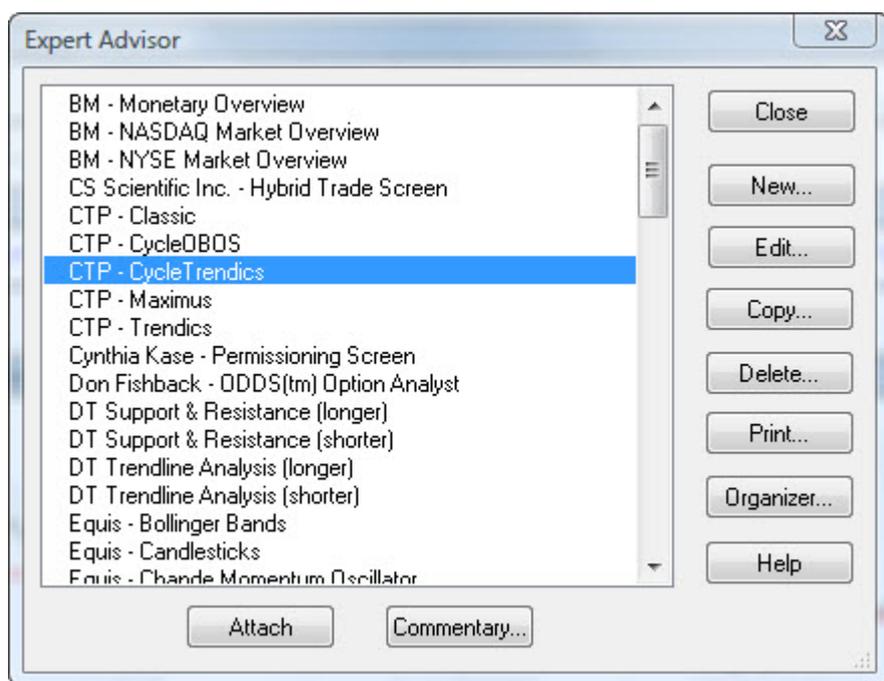
A negative or bearish signal exists if the Cycle-Trig is trending down from a cycle top and this is confirmed by all three Trendics being in the negative zone and the TrueOBOS moving down from the overbought (positive) zone.

Trend line penetrations are an important part of this system.

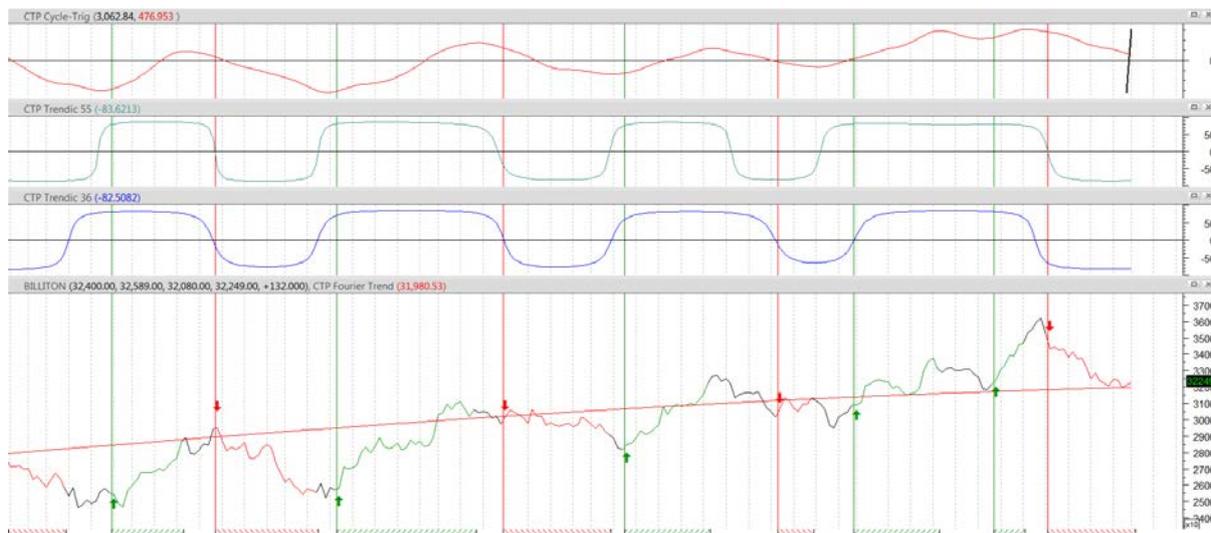
CHAPTER 5

EXPERT ADVISORS

Cycle Trends Plus includes 5 Expert Advisors based on the included templates. You can attach an Expert Advisor (including commentary) to any chart, but attaching an expert to the corresponding template, e.g. the CycleTrendics Expert Advisor to a chart using the CycleTrendics template, would be best.



Each Expert Advisor plots related information directly on the chart.



The Ribbon Bar is normally displayed at the bottom of the chart and indicates positive (green) or negative (red) periods generated by the applicable Cycle Trends system.

The beginning of a positive period would have been a positive (bullish) signal at that point in time, and the beginning of a negative period would have been a negative (bearish) signal at that point in time.

Corresponding positive and negative arrow symbols are displayed on the price graph which also displays the positive (green) or negative (red) periods.

Vertical green and red lines are also drawn whenever a positive or negative signal was generated.

*Please note that the Cycle-Trig indicator will be out of alignment with the price graph and any other indicators by the size (periods) of the Future Zone displayed (the area to the right of the thick vertical line on the indicator).

Changing the periods of the Cycle-Trig indicator to the minimum value of 1 will more accurately align the indicator with the price and any other indicators.

This *Cycle Trends Plus* system uses two Cycle Indicators to analyse the performance of BILLITON, namely the Cycle-Trig indicator and the Trendic indicator with two different periods or "speeds" of 55 and 36. All these indicators need to confirm each other to get a positive ("buy") or negative ("sell") signal.

Cycle-Trig

This cycle indicator uses a *future zone* to display the predicted future cycle based on the historical cycles. The cycles are derived from a mathematical calculation of the cycles that have traced the movement of BILLITON in the past. A vertical line is used to display the *current* point in time, with the historical cycles to the left of the line and the predicted future cycles to the right of the line. The upward or downward direction of the cycles through the vertical line indicates the future trend of the cycles at the *current* point in time.

Note: The "period" of this cycle indicator determines the size of the future zone displayed and will result in the cycles displaying earlier than the corresponding date/time of the price by the "period" selected. You can select the minimum "period" of 1 to view the cycles better aligned with the corresponding date/time of the price.

This indicator is currently showing a **downwards** future trend.

The Trendics

These are cycle-based indicators (derived from the Fourier line on the price graph) that show the immediate trend of BILLITON. Above 0 the immediate trend is positive and below 0 the immediate trend is negative. The two periods or "speeds" used here are 55 (fast) and 36 (medium). Both speeds must be in the same zone at the same time to confirm the immediate trend as being either positive or negative.

Trendic 55

This indicator is currently showing a **negative** trend.

Trendic 36

This indicator is currently showing a **negative** trend.

Summary

For a positive or "buy" signal the Cycle-Trig must show a positive or upwards future trend, and both Trendics must indicate a positive immediate trend.

For a negative or "sell" signal the Cycle-Trig must show a negative or downwards future trend, and both Trendics must indicate a negative immediate trend.

This Cycle Trends system is giving a **confirmed negative** or "sell" signal at this time.

This commentary is not a recommendation to buy or sell, but rather a guideline to interpreting the specified indicators. The information contained herein is believed to be reliable but the accuracy or completeness is not guaranteed. This information should only be used by investors who are aware of the risk inherent in securities trading. Cycle Trends accepts no liability whatsoever for any loss arising from any use of this expert or its contents.

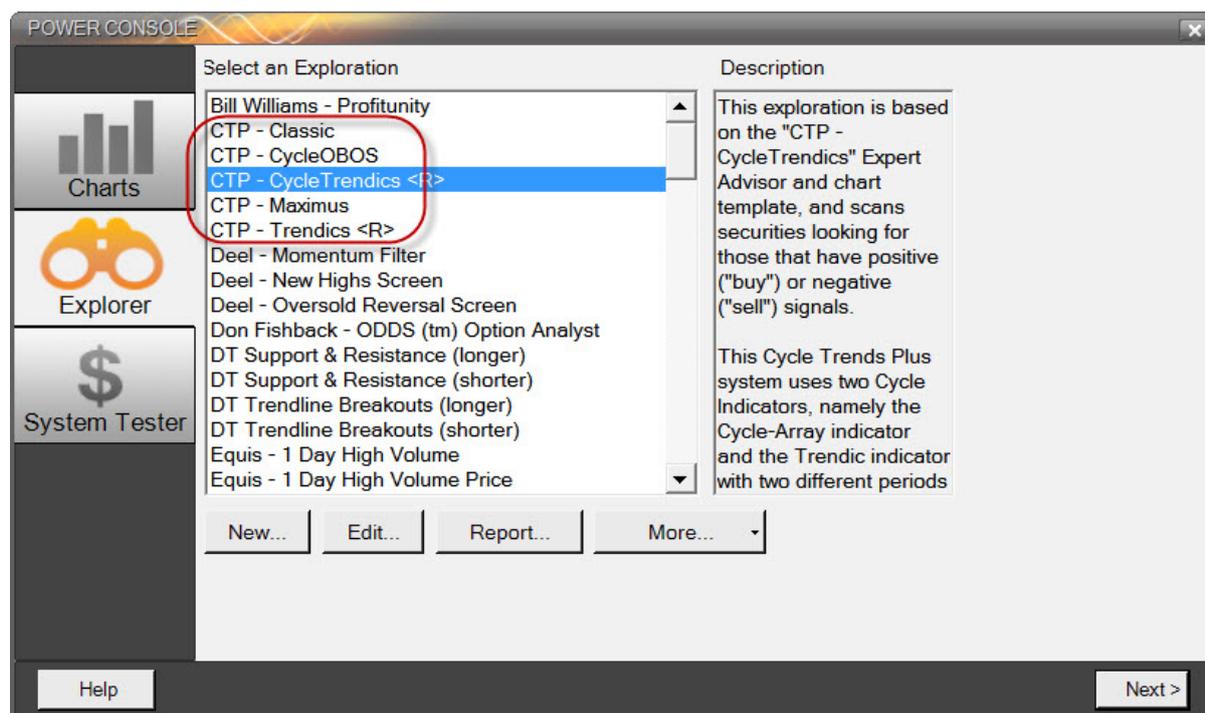
The Expert Commentary

When an Expert Advisor is attached to a chart, you can display the Commentary for the attached system.

The commentary will explain the Cycle Trends system applied, list each indicator used and any signal generated by that indicator, and summarize with an indication of any "confirmed" signal generated by the system.

The tutorials in the MetaStock Help provide more information on using the Expert Advisor and Expert Commentaries.

Cycle Trends Plus includes five Explorations based on the included templates. You can use the Explorer to scan for instruments currently giving “confirmed” positive or negative signals based on a particular Cycle Trends system.



The result of the Exploration displays a column for each of the Cycle Trends indicators used, a value of 1 is displayed for a positive signal and a value of -1 for a negative signal. A value of zero would occur when no signal had been generated by the indicator.

The last two columns display any confirmed bullish or bearish signal for the instrument. If all of the indicator columns are 1 (positive) the Buy column will display 1, otherwise it will display 0. If all the indicator columns are -1 (negative) the Sell column will display 1, otherwise it will display 0.

When filtered each instrument displayed in the result list will display a value of 1 in either the Buy column (indicating a confirmed positive signal), or in the Sell column (indicating a confirmed negative signal).

"CTP - CycleTrends" Explored 2014/03/24 12:55

Results | Rejects | Exploration

Instrument Name	Cycles	Trend55	Trend36	Buy	Sell	Ticker ...
ANGGOLD	-1.0000	-1.0000	-1.0000	0.0000	1.0000	ANGJ.J
ANGLO	-1.0000	-1.0000	-1.0000	0.0000	1.0000	AGLJ.J
ARCMITTAL	-1.0000	-1.0000	-1.0000	0.0000	1.0000	ACLJ.J
BILLITON	-1.0000	-1.0000	-1.0000	0.0000	1.0000	BILJ.J
CLICKS	1.0000	1.0000	1.0000	1.0000	0.0000	CLSJ.J
IMPERIAL HOLDING	1.0000	1.0000	1.0000	1.0000	0.0000	IPLJ.J
LONMIN PLC	-1.0000	-1.0000	-1.0000	0.0000	1.0000	LONJ.J
MONDI TDPRE	-1.0000	-1.0000	-1.0000	0.0000	1.0000	MNDJ.J
MONEYWEB	-1.0000	-1.0000	-1.0000	0.0000	1.0000	MNYJ.J

Inspect
Open Chart
Sort...
Print...
Save List...
Save List to Clipboard

Negative Negative Negative No Buy Signal Confirmed Sell Signal

Close Help

If the results are not filtered, every instrument scanned will be displayed, including those without any confirmed positive or negative signal, in which case both the Buy and Sell columns will have a value of 0.

Please note that the historical cycles are better defined with more historical data, so we recommend you use at least 900 or more data points in the explorations, and load the same number of data points into the charts to get the same results. For example, if you use 1250 data points in a Cycle Trends exploration, you should load 1250 data points into a chart to get the same results displayed in any cycle-based indicators on the chart.

The tutorials in the MetaStock Help provide more information on using the Explorer.

Technical Assistance

Please contact Cycle Trends Support for assistance installing Cycle Trends Plus or using any of the indicators, templates, etc. it installs.

support@cycletrends.net

General Questions and Interpretation

For problems with trading the systems, or for general questions about the systems, please contact Dr Issy Bacher:

isbacher@cycletrends.net

Your question will be answered within 2 business days.