



ProTrader Charting

User Guide

V1.0

4 April 2007

Berkeley Online is a trading name of Berkeley Futures Ltd.
Berkeley Futures Ltd is authorized and regulated by the Financial
Services Authority and is a member of the London Stock Exchange
and Futures and Options Association.

This document was created on 04 April 2007.

© Berkeley Futures Ltd. Registered in England and Wales under company number 1969442

This material is copyright. Apart from uses permitted under the Copyright Act 1968, no part may be reproduced by any process without prior written permission from Berkeley Futures Ltd.

This material is for reference only, and Berkeley Futures Ltd does not accept any liability arising out of the use of the information or products described herein. Furthermore, Berkeley Futures Ltd reserves the right to alter specifications or procedures without notice.

This material may contain or refer to information and products protected by copyright or patents, and does not convey any license under the patent rights of Berkeley Futures Ltd or the rights of others. All product names mentioned are trademarks of their respective owners.

Produced by:

Berkeley Futures Ltd
18 Savile Row, London W1S 3PW

Tel +44 20 7758 4777
Fax +44 20 7287 5292

Company website www.bfl.co.uk

Contents

- 1 Introduction 3**
 - Parameter Descriptions.....3

- 2 Customisation 5**
 - Selecting a “Candlesticks” View.....5
 - Introducing Moving Averages, Bollingers and SARs6
 - Resizing the Horizontal and Vertical Scales.....7
 - Introducing a 14-days Relative Strength Index.....7
 - Enlarging the Relative Strength Index Window8
 - Moving the Relative Strength Index Window.....9
 - DefiningTwo Parameters.....10

- 3 Toolbar description.....11**
 - Changing the Options Relating to an Object12

- 4 Creating Alerts17**
 - Checking the Status of the Alerts you are Creating20

Introduction

This User Guide will help you understand the basics of ProTrader Charting. Please check that you understand each of the topics in this guide so as to get the maximum benefit from your usage of ProTrader Charting. ProTrader Charting can be easily customised to suit your preferences: you can change colours, style, scale type, add indicators, switch indicators, change indicators parameters, make comparisons between securities and resize indicators windows.

The topics that follow contain examples of the ways in which this customisation can be performed.

Parameter Descriptions

The two available parameters can be described as follows:

Parameter	Description
Duration	<p>The “duration” concerns the selection of the amount of data to load. This option is available in both Intraday and End of Day mode. It defines the quantity of data you wish to load. For instance, if you wish to have 2 years of quotations loaded into your software, you should select “2 Years” in the drop-down menu named “Duration”.</p> <p>Changing the chartered stock will not affect the selection in terms of the duration option: in the same example, if you have loaded 2 years of historical data for a security, say Vodafone, then switching for another stock, say Microsoft, will load 2 years of data. The time to load the data therefore directly depends on the duration option you have chosen: 1 day of quotations will obviously take less time to load than 5 years of quotations.</p> <p>Note that you can also select the quantity of quotes to load in terms of “units”. One unit corresponds to one trading day. 50 units therefore correspond to 50 trading days or 10 weeks of quotations.</p> <p>Tip: to create at least 2 templates (please refer to the corresponding section). The first template could use less data and will hence load quickly. The second one could use more data to make more detailed analyses.</p>
Timescale	<p>The “timescale” concerns the representation of each candlestick or bar chart. Changing the timescale resolution will directly affect the meaning of each candlestick (or bar chart, or any other option available from the ‘Style’ drop-down menu in the ‘My Indicators’ menu). The timescale resolution defines the number of time units which one candlestick contains. For instance, each candlestick will represent 5 minutes of trading orders if you select “5 minutes” in the drop-down menu named “View “. Note that you have the choice between minutes, hours, daily, weekly, monthly and yearly resolution.</p> <p>Calculation method: in weekly representation for instance, the open, high, low, close prices are respectively the Monday opening, the highest, the lowest and the Friday close of each week. The volume in this mode is the sum of the volumes of the 5 trading days of each week.</p>

Customisation

The following sections contain examples of the customisation that you can perform using ProTrader Charting. These examples include:

- Three-month closing-line views without any indicators
- Switching to a Candlestick view
- Introducing a five-days moving average
- Introducing a 20 days Bollinger and standard Parabolic SAR on the EUR/USD candlestick chart
- Resizing the horizontal and vertical scales
- Introducing a 14-days Relative Strength Index

Defining two different parameters for the charts you are viewing There is also a toolbar description and a walk-through of the icons available in the Icon Bar. Finally, there is a section on Creating Alerts, and an associated section describing how to maintain the status of the alerts you have created.

Selecting a “Candlesticks” View

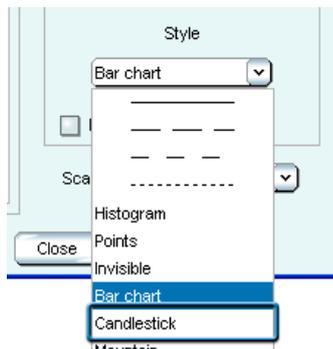
Suppose we start with a 3-month closing line view of EUR/USD without any indicators. ProTrader Charting allows us to change from a closing line view to a candlesticks view. This can be achieved in one of two different ways:

- Right-click on the closing EUR/USD line and select “Settings Price”
- Left-click on the tool outlined in blue below.

Both actions launch the “Settings Price” window.



Next, from within the “Settings Price” window, click on the “Style” drop-down menu and choose “Candlestick”.

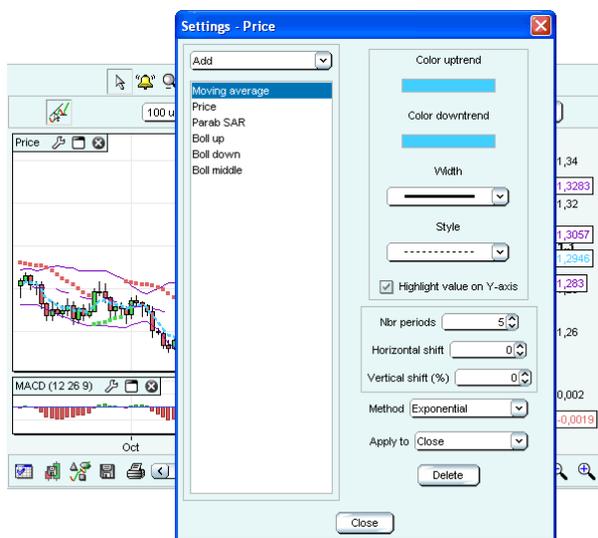


Introducing Moving Averages, Bollingers and SARs

You can also introduce a 5 day moving average, 20 days Bollinger and standard Parabolic SAR on the EUR/USD candlestick chart. Launch the “Settings Price” window and click on “Add” drop-down menu to include them one by one.

Make sure you have the following entities on the left-hand side of the “Settings Price” window: Moving average, Parabolic SAR and (Boll up, Boll down, Boll middle).

Click on Moving average and set “Nbr periods” to 5. Please note that you can also change other settings relating to the Moving Average depending on your needs. Here is an example with a thicker line trait, a blue colour and a Exponential Method:



Resizing the Horizontal and Vertical Scales

Note that you can resize the horizontal scale by clicking on the left button of the mouse in the red rectangle outlined below, by holding down left button and moving the mouse to the left or to the right. You can also resize the vertical scale by clicking on the left button of the mouse in the blue rectangle outlined below, holding down left button and moving the mouse upwards or downwards.



Once resizing has occurred, your chart may look something like this:



Note: You can come back to the optimized view by clicking on the  icon.

Introducing a 14-days Relative Strength Index

To introduce a 14 day Relative Strength Index, follow the steps laid out below:

- Left-click on the “Indicator/Backtest” button that is at the top right position of the charting window and select Relative Strength Index.
- Now change the MACD histogram to a two line MACD view:
 - ? Click on the tool outlined below to change the properties of the MACD. Select MACD minus Signal, then click on “Style” drop-down menu and select “Invisible”.

? Then, select Signal, then click on “Style” drop-down menu and select “-----“. Finally, select MACD, then click on “Style” drop-down menu and select “-----“.



Please note that you can hide the indicators titles by unchecking “Always display Indicator Titles in charts” on the “Chart settings” menu.

Enlarging the Relative Strength Index Window

You can enlarge the “Relative Strength Index” window using the following steps:

- Left-click on the white blank between “Price” window and “Relative Strength Index” window
- Then hold down and move the mouse upwards.



After the enlargement of your “Relative Strength Index”, your chart should look something like this:



Moving the Relative Strength Index Window

To move the “Relative Strength Index” window above the MACD window, perform the following steps:

- Left-click on the “Relative Strength Index” title, outlined below in red
- Hold down and move the mouse upwards until you see the rectangle outlined in blue



Defining Two Parameters

You can define two different parameters within your charts. In the example below, the amount of historic data to load (“Duration”) and the time scale (“View”) have been selected as “100 units” and “Daily” respectively from the drop-down lists available:



Important Note: You should bear in mind that changing timescale resolution affects all graphs, indicators and trend lines.

Toolbar description

The following table contains information regarding the functionality available via the toolbar:

Functionality	Description
Cursor Mode (Default Mode)	The  icon corresponds to the Cursor Standard Mode, which is selected by default. Click on the left button of the mouse wherever on the charts, hold down and move your cursor to move the charts. It can be helpful when you want to display some future.
Creating an Alert	The  icon allows you to create an alert. Click on the 'bell' and then in the chart displaying the security upon which the alert will be set.
Zooming into the Chart	The  icon is the zoom button. Click on the left button of the mouse to set the first date of the time -period on which you wish to zoom in. Move the mouse to the right and left-click again to set the second date. Note that on a zoomed view, you can use the horizontal scroll bar at the bottom of the chart to see quotes from other dates with the same zoomed view.
Drawing a Segment or a Line	<p>The  icon, representing a segment, allows you to draw segments. Click on the left button of the mouse to define the first point of your segment. Then move the mouse cursor and left-click again to define the second point of the segment.</p> <p>The  icon representing a longer segment than the previous icon allows you to draw lines. The method to draw lines is similar to the method of segment drawing, clicking on the left button of your mouse to successively define two points by which the line should go through.</p> <p>The  icon still allows you to draw a line, but the drawn line will this time be horizontal.</p> <p>The  icon allows you to draw a vertical line.</p>
Drawing Fibonacci Lines	Select the Fibonacci levels icon and left-click on two points in the chart to define the two extremes of the Fibonacci levels. A series of horizontal lines are drawn at the Fibonacci levels of 0.0%, 23.6%, 38.2%, 50.0%, 61.8% and 100% of the trend line. Fibonacci levels can be customised using the "Edit and Configure the object characteristics" feature.
Typing Text	Clicking on the  icon allows you to add text on the charts. Once the icon is pressed down, you can click anywhere on the charts to type your text. A window will automatically open, allowing you to select the text's font, size, style and color. Click on OK to confirm your choice.
	Bear in mind that you can modify the place in which the text is situated and the style options of the text.

Functionality	Description
Copying an Object	<p> The  icon represents two parallel lines. This button allows you to make a copy of any line, and of any text element on your chart. Simply click on the object to copy and click anywhere else on the chart to paste the new object.</p> <p>Notice that when you approach an object with your mouse, this object turns to light blue, indicating that you can already click with your left mouse button to select it; this prevents you from having to aim precisely on the object, giving you a wider area in which to click.</p>
Moving an Object	<p> The  icon is very similar to the previous one, in the sense that instead of copying an object, the same procedure will move any object you have selected. This feature is very much like the 'cut and paste' function in word-processing software.</p>
Deleting an Object	<p> Clicking on the  icon and then on any object (text or line) will delete that object. Note again that when you approach an object, it turns to light blue, indicating that you can left-click on it to delete it.</p>
Changing the Options of an Object	<p> The  icon allows you to change the options of an object, whether it be a text element or a line. Click on the object to modify, and a window opens to let you modify the characteristics of this object: style, font, size and colour for text, width, colour, style and limits for lines. See the next section for further details.</p>

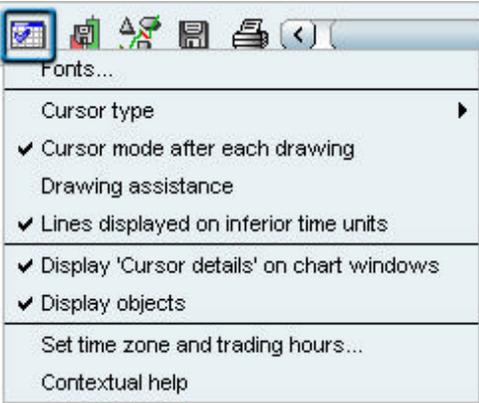
Changing the Options Relating to an Object

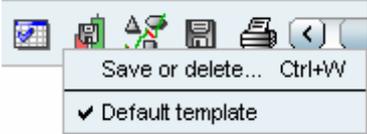
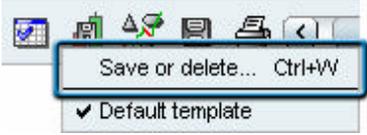
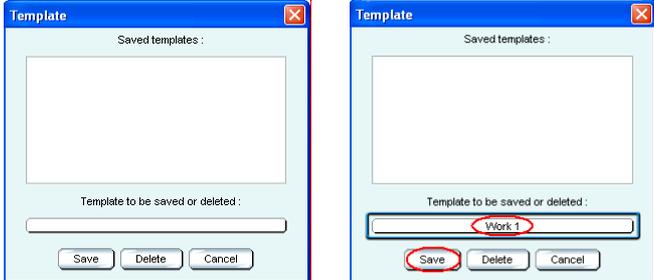
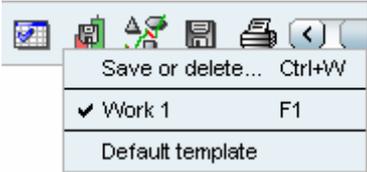
The Icon Bar appears as follows:

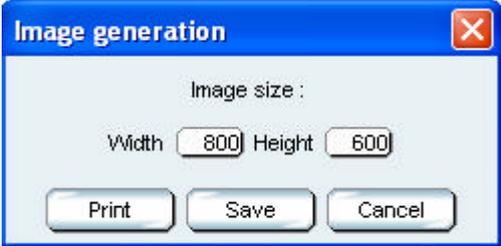
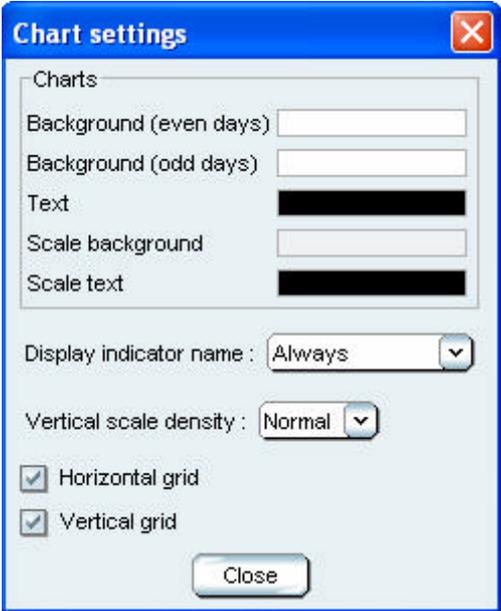


Options that you can change are listed in the table below:

Option Change	Further Details
Changing the Colour	<p>You can click on the  icon to change the colour. This feature is very useful when drawing Support and Resistance in different colours.</p>
Enabling/Disabling the icons of the Icon Bar	<p>Select the  icon to enable/disable the icons of the icon bar.</p>

Option Change	Further Details
<p>The First Icon</p>	<p>When you click on this icon, you are given access to the following pull down menu:</p>  <ul style="list-style-type: none"> ▪ When you click on “Cursor type”, you are given access to a new pull down menu and you have the choice for the style of cursor (Circles, Line, Cross, None) ▪ When you select “Cursor mode after each drawing”, you obtain the cursor after each line drawing. When this option is not selected, you can draw several lines one after the other. ▪ Drawing assistance can be selected to help you in drawing supports and resistances: each time you place the mouse cursor near a specific quote price (extreme, close, open) or near an indicator specific value (Bollinger, oscillator..), the first value used to draw the line will be this specific value and the drawing assistance will help you in selecting the second point needed to draw the line. ▪ When you select “Display ‘Cursor details’ on chart windows”, there’s a new window. In this new window, you can read information about the price (open, high, low, close) and the levels of the indicators. ▪ When you select “Display objects”, the icon bar and the pull down menu will be visible. Click again on the option and the objects mentioned will be hidden.

Option Change	Further Details
<p>The Second Icon</p>	<p>To save your templates, you click on , which is the second icon on the icon bar. The following new window displays:</p>  <p>Now click on 'Save or delete...'</p>  <p>The following window will appear. Click in the blue box and type in a name ("Work 1" for example) to save your template. Finally, click on Save.</p> 
<p>Loading Again</p>	<p>Whenever you want to load it again, simply click on the  icon. The name will appear in the drop-down menu.</p> 
<p>Tools Library</p>	<p>When you click on the , you will have access to a tools library to use in your technical analysis. You can also add text comments to it.</p>
<p>Saving Graph Elements</p>	<p>Click on the  icon to save the new elements drawn on the graph (supports, texts, resistances...)</p>

Option Change	Further Details
Image Generation	<p>Click on the  icon to set the width and height of the image of the chart. You can either save it on your PC or print it.</p> 
Chart Settings	<p>Click on the  icon to set the properties of the graph.</p>  <ul style="list-style-type: none"> ▪ For each of the colour setting options within the “Charts” frame, click on the colour and select any alternative colour of your choice. ▪ When you select “Always” in the “Display indicator name” drop-down, the names of indicator will always be shown on the charts. ▪ Click the option “Horizontal grid” to enable the horizontal Grid. ▪ Click the option “Vertical grid” to enable the vertical Grid.
Optimised View	<p>You can come back to the optimized view by clicking on the  icon.</p>
Zooming in and out	<p>Click on “+” to zoom in and “-“ to zoom out,</p>

Creating Alerts

You can create alerts based on:

- A specific price of a security.
- A specific price of a customized indicator.
- The crossing of a customized line with a customized indicator.
- The crossing of a customized indicator with another customized indicator.

An alert may be either a single condition selected from those listed above, or be made up of several conditions which happen simultaneously.

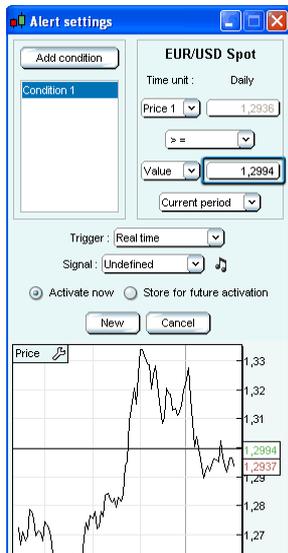
All kinds of alerts are possible !

Here are the steps needed to create an alert:

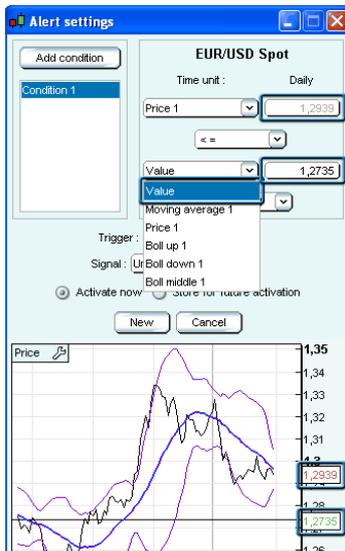
Step 1. Click first on the  icon of the tools menu, as shown below. Then click on the chart relating to the security for which you wish to create an alert. For example, if you wish to create an alert on the EUR/USD price, you should click on the blue area outlined below within the EUR/USD chart:



A new window appears, in which you can define all the characteristics of your alert. The following example shows how to set an alert for a EUR/USD price above 1,2994.



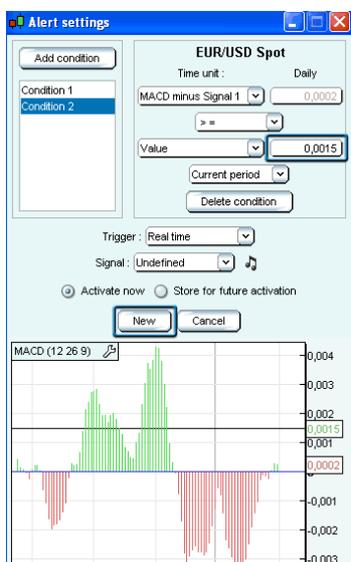
Step 2. It is now possible to create another alert based on 2 conditions: EUR/USD price below its 20 day simple moving average (that has already been drawn in blue on the chart (Condition 1)) and when MACD 12 26 9 price is above its signal (Condition 2). To create Condition 1, simply repeat step 1 and select 'Boll middle' in the drop-down menu as shown below:



To create Condition 2, click on “Add condition” in the “Alerts settings” window (see button on image above), then click again on the blue area outlined below.



Then fill in the limit in the “Value” box within the “Alerts settings” window as shown below. Finally, click on “New”.

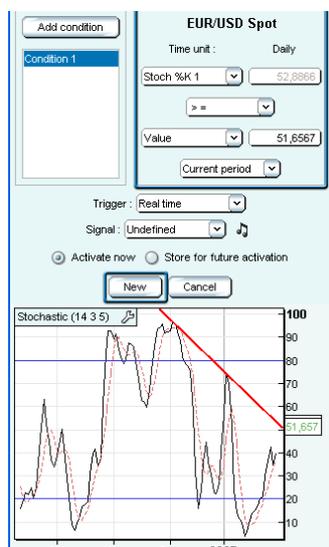


Using the following steps, you can add another alert on the Stochastic Indicator. The alert should be triggered when the Stochastic %K crosses the red line shown below.

Firstly, click on the  icon of the tools menu and click on the red line.



The characteristics of the alert are automatically filled as shown below and you just need to click on “New”!



Note 1: If you modify a drawn line that is used for an alert, the characteristics of the corresponding alert change accordingly.

Note 2: You can also make modifications on the chart included in the above window as if it was a normal chart window (change scale, modify drawn lines, ...).

Checking the Status of the Alerts you are Creating

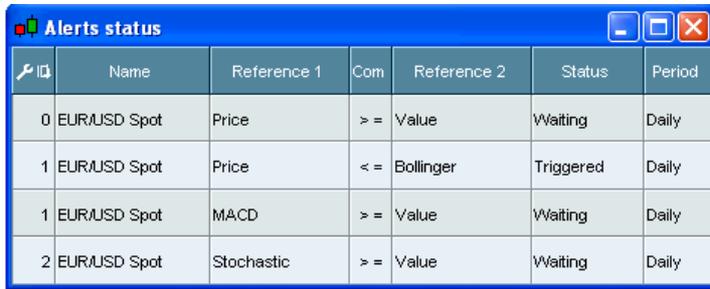
The current status of the alerts we have just created is available in the ‘Alerts status’ window. You can launch this window from the ‘Display’ menu available with a right click on the chart.

In our example, three alerts have been created and one of them (id=1) has 2 conditions.

Notice the different display between visualised alerts and those that have been triggered but not yet visualised.



When you right-click on the chart, your “Alerts status” window will appear. It will look similar to the one shown in the screen-shot below (the “Alerts status” resulting from the alerts we set up in the above example).



The screenshot shows a window titled "Alerts status" with a blue header and standard window controls (minimize, maximize, close). Below the header is a table with the following data:

ID	Name	Reference 1	Com	Reference 2	Status	Period
0	EUR/USD Spot	Price	> =	Value	Waiting	Daily
1	EUR/USD Spot	Price	< =	Bollinger	Triggered	Daily
1	EUR/USD Spot	MACD	> =	Value	Waiting	Daily
2	EUR/USD Spot	Stochastic	> =	Value	Waiting	Daily