







Chart Menu




Chart menu displays **graphical data with histories and 16 major technical analysis tools and Trend Line**. You can click at the tool you like. **Chart** will be changed according to your selection.

Icon in Tool Bar	Usage Description
	Chart Interval allows you to specify your preferred time period for the display e.g. tic, 5 minutes, 15 minutes, 3 months, 2 years
	Zoom-in for you to get into more details for chart during a certain time period
	Cross Hair facilitates you to easily glance the price and technical analysis results at a certain point of chart
	Color Palette for you to change the colors of technical analysis tools
	Setting for you to select the colors of background, foreground, grid line, highlight box of your preference
	Save/Restore Chart allows you to save or restore 20 charts

How to Use Chart

You can retrieve the chart by **inputting the symbol** of stock, warrant, index futures, sectoral index, industry and main indices (SET, SET50, SET100, MAI) in the symbol box . **Liberty** will display **a default Daily Candlestick chart as well as traded Volume** with the letter "D" presented at the right-bottom corner.

You can **maximize the Chart window** by clicking at the  box at the top-right corner.




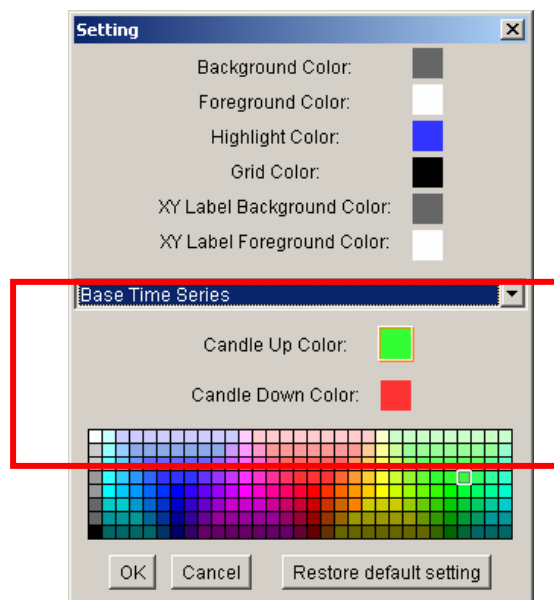
Toolbar supports the following items and actions.

1. Technical Analysis Tools
2. Changing Chart Types
3. Drawing Trend Lines

You can **print out the chart** by clicking the  button.

Changing Chart Colors

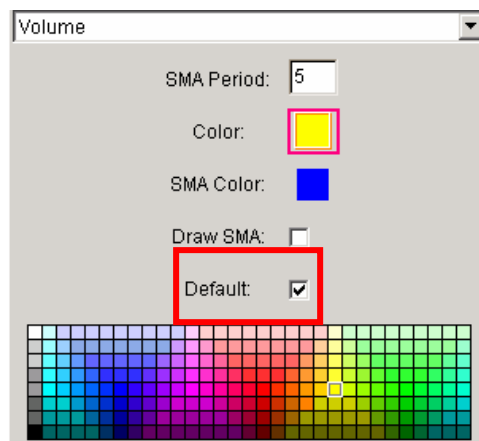
You can change the colors of chart by **clicking at**  (**Setting**) button. The following **Setting menu** will appear.




Setting Menu Description

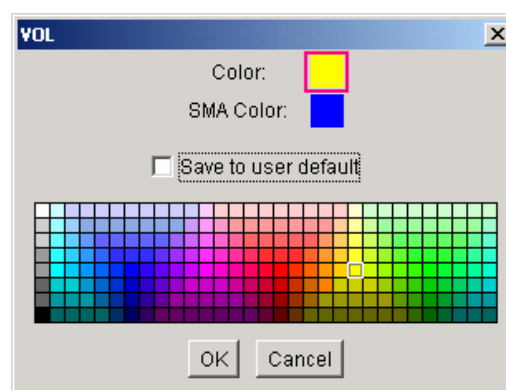
Menu	Description
Base Time Series	Colors of Candlestick chart
Candle Up Color	Color of Candlestick in case of up tick
Candle Down Color	Color of Candlestick in case of down tick

In case you want to **change the Volume color**, just click the  button and choose Volume, the following sub-menu will be displayed.



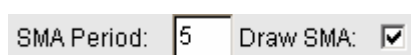
Click the color box until the red frame appears, then click to **choose the color you want** from the color palette, and **click OK**. If you tick the Default box, the color you opt will become the default color of Volume every time you retrieve the chart.

The other way to **change the Volume color** is to click the  icon in the toolbar. The following VOL sub-menu will appear.




Then **click the Color box** until the red frame appear, **choose the color you want** from the color palette, and **click OK**. You can also choose **"Save to user default"** so the Volume is displayed with the color you choose every time it is retrieved.

You can add **Simple Moving Average (SMA) line** in Volume window by clicking the Draw SMA box and input your preferred SMA period (day) as follows:




Also, if you need to **change the color of SMA line**, click the  icon and choose the SMA color the same as you do for Volume.

Adding Technical Analysis Tools



You can **browse the Technical Analysis Tools list** by clicking the  button; the drop-down list of technical analysis tools will be displayed. If you want to add an analysis tool into your chart window, you can choose it from the list. **Liberty displays upto 3 technical analysis tools** excluding Price and Volume charts in one page.




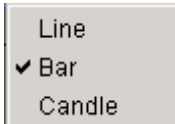

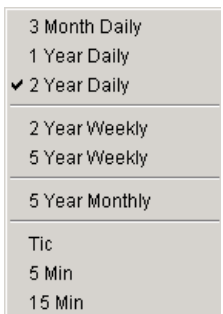

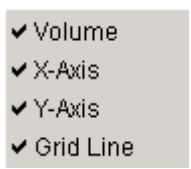

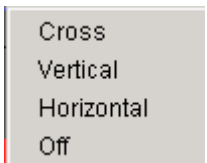
If you need to **change the parameter of a particular analysis**, simply click at the name of analysis tool in the chart area until the blue highlight is displayed (the orange frame). The parameter box at the top of the chart window will appear for you to input the parameter you prefer. In case you want **to change the color of such analysis**, just click the  button and choose the color you want.





Deleting Technical Analysis Tools



You can delete a technical analysis tool displayed in the chart area by clicking the name of such tool until the blue highlight appears, then click the  icon. If you want to delete all technical analysis tools you previously chose, click the  icon.

Changing Chart Pattern











-  **Chart Mode** Clicking the Chart Mode button, you can change the display of chart into your preferred one -- Line Chart, Bar Chart or Candlestick Chart

 - Line
 - Bar
 - Candle
-  **Chart Interval** Allows you to retrieve historical chart of various time period. Just click to choose the period of your preference. In case you choose to display Daily chart, there will be "D" displayed at the right-bottom corner of the window. "W" represents Weekly chart, "M" represents Monthly chart. Tic, 5-minute or 15-minute will be displayed if you choose such interval.

 - 3 Month Daily
 - 1 Year Daily
 - 2 Year Daily
 - 2 Year Weekly
 - 5 Year Weekly
 - 5 Year Monthly
 - Tic
 - 5 Min
 - 15 Min
-  **Show/ Hide Option** Allows you to display or remove the display of Volume, Time axis (X-Axis), Price axis (Y-Axis), or Grid Line.

 - Volume
 - X-Axis
 - Y-Axis
 - Grid Line
-  **Cross Hair Option** Helps you to easily glance the price, volume and other technical analysis figures of the chart. Price figures start from "O" (Open), "H" (High), "L" (Low), "C" (Close) and "V" (Volume). You can choose the type of Cross Hair you like or choose "Off" to hide it.

 - Cross
 - Vertical
 - Horizontal
 - Off




While moving the Cross Hair along the chart area, if you want to freeze the Cross Hair, simply click your mouse at the certain point. And click your mouse again to move the Cross Hair.

-  **Zoom In** You can click the Zoom In button to see more details of chart within a certain time period of your interest. Move your mouse to the starting point of time, left-mouse click and hold it, drag the mouse to the ending point, then release the mouse click.
-  **Zoom Out** Once zooming in the chart, you can squeeze the time period to display chart with further histories by clicking the Zoom Out button.

-  **Drag Chart** Instead of using scroll bar, you can **move the whole chart** by clicking the Drag Chart button to change the mouse cursor from arrow key to a hand. Then click at the chart area, hold your mouse and drag the chart to the certain time period you want to views. If you want to exit this mode, simply click the Drag Chart button again.
-  **Help Menu** [Online help](#) for Chart Menu

Trendlines

-  **Trendline Button: Draw a trend line** by clicking the Trendline button. Then place the mouse at your preferred starting point, left-mouse click, hold it and drag the mouse to the ending point and release it. Trendline will be drawn.
-  **Horizontal Line Button: Draw a horizontal line** by clicking the Horizontal Line button. Then place the mouse at your preferred starting point, left-mouse click, hold it and drag the mouse to the ending point and release it. Horizontal Line will be drawn.
-  **Vertical Line Button: Draw a vertical line** by clicking the Channel Line button. Then place the mouse at your preferred starting point, left-mouse click, hold and drag the mouse to the ending point and release it. Vertical Line will be drawn.
-  **Channel Line Button: Draw a channel line** by clicking the Vertical Line button. Then place the mouse at your preferred starting point, left-mouse click, hold and drag the mouse to the ending point and release it. The lower line of the Channel will be drawn. Move your mouse to the other point you want to draw a channel (parallel) line, then left-mouse click and release it. Channel line will be drawn.
-  **Fibonacci Arc Button: Draw Fibonacci Arc Trendline** by clicking the Fibonacci Arc button. Then click your mouse at the starting point, drag the mouse to your preferred point to specify the width of semi-circle you want to draw, and release the mouse. If you drag the mouse below the angle of 180 degrees, the Fibonacci Arc will be drawn below the main chart.
-  **Upward Gann Angles Button: Draw Upward Gann Angles lines** by clicking the Upward Gann Angles button. Then click the mouse at your preferred point. Upward Gann Angles lines will be drawn.
-  **Downward Gann Angles Button: Draw Downward Gann Angles lines** by clicking the Downward Gann Angles button. Then click the mouse at your preferred point. Downward Gann Angles lines will be drawn.
-  **Retracement Trendline Button: Draw Retracement trend Line** by clicking the Retracement Trendline button. Then click your mouse at the starting point, hold and drag the mouse diagonally to the ending point you want. Retracement trend line will be drawn.
-  **Fans Button:** Draw Fans lines by clicking the Fans button. Then click your mouse at the starting point, hold and drag the mouse diagonally to the ending point you want. Fans trend line will be drawn.
-  **Time Zones Button: Draw Time Zones lines** by clicking the Time Zones button. Then click the mouse at your preferred point. Time Zones lines will be drawn.

-  **Getting Out of Trend Line Mode or Deleting Trend Lines:** Click you mouse and hold it until a rectangular frame appears. Drag you mouse to have this frame cover the trend lines you previously draw. Then click the  button to delete such trend lines. In case you want to delete all trend lines, click the  button. All Trend lines will be removed.