

# Pivot Prof

ver: 7.0



Pivot Prof is a professional pivot tool that provides full control over the simultaneous display of multiple timeframe support and resistance levels for trading.

**\*\* NEW: Now includes Fibonacci Extensions and Period High/Low levels \*\***

Pivot Prof brings you all of these features:

- H1, H2, H4, H6, H8, H12, Daily, Weekly, Monthly Pivot + Support & Resistance levels, + Fibonacci extensions + previous high/low levels (15 levels calculated for each timeframe)
- Custom starting hours to allow you to tune the levels to the market
- Customize the way Sundays are calculated
- Select any or all of the timeframes to be displayed simultaneously from H1, Daily, Weekly, Monthly and a Custom timeframe from H2, H4, H6, H8, H12
- Turn on/off the high/low and Fibonacci extensions individually for each timeframe
- AutoHide feature keeps your charts clean and tidy by hiding levels that are irrelevant to the chart timeframe
- Customize the line styles, colors, fonts.
- Clear and easy to read labels
- Customize the display options: classic Full Width; Right Side of the chart; or Timed to show from the price and time they become valid for trading (super useful)

Trading pivots and the support and resistance levels offered by pivot levels has long been established in the realm of the professional trader. You will be surprised how often these levels offer great trading opportunities but, you need the right package to give you the right opportunity. Normal pivot indicators offer you basic lines on a chart normally calculated from the daily chart bar, but that daily chart bar starts at midnight! ask yourself what relevance that is to the market times?

Pivot Prof will allow you to set the starting hour to calculate the daily levels from. Daily levels are just one face though, there are great opportunities to be seen using other calculation times and Pivot Prof brings you Hourly, Daily, Weekly, Monthly and Custom levels from H2, H4, H6, H8, H12 plus Fibonacci extensions and high/low levels and these can all be displayed at once. Both the daily and custom levels have the facility to specify the starting hour to allow you to tune the pivots to the market cycles.

Pivot Prof goes so much further than just bringing you all these levels and displaying them all simultaneously on the chart....

AutoHide feature hides irrelevant levels in respect to the timeframe of your chart so they remain clean and easy to read and there is no need to reconfigure Pivot Prof each time you change timeframe or chart.

Customize the line styles, and colors, as well as the label size and label colors.

Customize the way levels are displayed, classic line across the chart, always to the right of the chart, or you can use the fantastic Timed feature to show levels on the chart at the time and place that they become valid for trading, this great feature increases their usability.

Trading the levels or simply using them as guides to support and resistance has never been so easily done. The H1, H2, H4 timeframes with the extra Fibonacci and High/Low levels are especially useful for the intraday trader and confluences of levels in the same area from different timeframes provides even stronger information to trade with.

## Getting Started

Pivot Prof consists of a single file which needs to be located into the ....\MQL5\Indicators folder.

Once you have located the .ex5 file in the indicators folder simply start MetaTrader 5. Pivot Prof will now be available in the Navigator menu and can be attached to a chart like any other indicator.

When first attaching Pivot Prof to a chart or changing timeframes you may see a message in the Experts tab say "Period data not ready" this is normal as Pivot Prof does access many different pieces of data and if MT5 has not finished building or supplying them to Pivot Prof the message will appear. This normally goes away after a few ticks, or a little longer if the chart history is not up to date. Changing the chart timeframe can often force this process along.

## Demo Version & Back Tests

Pivot Prof is a real time tool that makes extensive use of chart objects. The MT5 Strategy/Visual Tester does not work with objects and therefore this indicator will not display correctly in demo or back test modes. This in no way impacts the normal use of Pivot Prof and we have developed Pivot Prof Lite to address this issue which is a free to use version available from the MT5 Market Place.

## Pivot Prof Lite – Trial Version Note

Users of the trial version Pivot Prof Lite please note that you can only use the lite version on the EURGBP chart. Some brokers use different formats for the security names but Pivot Prof Lite has been configured to accept lower and upper case and also a central hyphen ie: eur-gbp any prefix or suffix will be also accepted ie: eurgbp-m.

Pivot Prof Lite now includes all the features of Pivot Prof except that the Fibonacci Extensions and Period High/Low levels are only calculated for the Daily levels.

Please make sure that you check out the Autohide feature which makes adjusting Pivot Prof when switching timeframes unnecessary. Also try the custom start hour feature for the daily and custom levels, adjusting the start time can greatly increase the significance of levels for trading.

## Input Options

There are a number of input options that you can adjust to your own preference:

Variable	Options	Meaning
Display Hourly Levels	True or False	Turns ON/OFF the display of Hourly levels
Display Daily Levels	True or False	Turns ON/OFF the display of Daily levels
Daily Option	Custom_Day Separate_Sunday Merge_Sunday	Sets how the daily levels will be calculated: <b>Custom_Day</b> means the daily levels will be calculated using the DayCustomStart hour as the start of the 24hr period. This should be set to the hour of the bar required on the charts. <b>Separate_Sunday</b> means that the charts daily bars will be used including Sunday. As Sunday hours are limited this means the pivots shown on a Monday will be close together. <b>Merge_Sunday</b> means that the daily bars will be used but Sunday & Monday data will be merged to create pivot levels for Tuesday, and Fridays data will be used to calculate levels for Sunday/Monday
Daily Period Start Hour	Interger value (0-23)	Used only if DayOption = Custom_Day Enter the start hour wanted from chart time for Daily levels. Example: you want the 24hr period to start with the Sydney opening which is the 11pm on your hourly chart, so you would

		enter 23
Display Weekly Levels	True or False	Turns ON/OFF the display of Weekly levels
Display Monthly Levels	True or False	Turns ON/OFF the display of Monthly levels
Display Custom Levels	True or False	Turns ON/OFF the display of Custom levels
Custom Period	Two_Hours Four_Hours Six_Hours Eight_Hours Twelve_Hours	Only used if ShowCustom = True  Sets the timeframe for the Custom levels.
Custom Period Start Hour	Interger value (0-23)	Only used if ShowCustom = True Enter the start hour wanted from chart time for Custom levels. Example: you want the CustomPeriod to be calculated starting with midnight on the chart so you enter 0. If you had selected the Six_Hours CustomPeriod the Custom levels will then be calculated every 6 hours from the midnight ie: Midnight, 6am, noon, 6pm
Display Hourly High/Low	True or False	Turns ON/OFF display of previous Hourly high/low levels
Display Daily High/Low	True or False	Turns ON/OFF display of previous Daily high/low levels
Display Weekly High/Low	True or False	Turns ON/OFF display of previous Weekly high/low levels
Display Monthly High/Low	True or False	Turns ON/OFF display of previous Monthly high/low levels
Display Custom High/Low	True or False	Turns ON/OFF display of previous Custom high/low levels
Display Hourly Fibs	True or False	Turns ON/OFF display of Hourly Fib Extension levels
Display Daily Fibs	True or False	Turns ON/OFF display of Daily Fib Extension levels
Display Weekly Fibs	True or False	Turns ON/OFF display of Weekly Fib Extension levels
Display Monthly Fibs	True or False	Turns ON/OFF display of Monthly Fib Extension levels
Display Custom Fibs	True or False	Turns ON/OFF display of Custom Fib Extension levels
Line Display Position	Full_Width Right_Side Timed	Sets the location of the level lines on the chart Full_Width = lines across whole chart Right_Side = lines to the right of the bars on chart Timed = lines start at the point they become valid for use
Use AutoHide Feature	True or False	Automatically hides lower timeframe levels on higher timeframes when set to true. Example: Hourly levels will only be shown on timeframes up to H1 (see also HideMatchingTF) This helps to keep the charts clear of irrelevant levels
AutoHide Matching TF	True or False	Only used if AutoHide = True. Automatically hides levels from the same timeframe as the chart if set true. Example: Hourly levels will only be shown on timeframes less than H1
Color: R3 level	Select MT5 Color	Sets the color for all R3 levels
Color: R2 level	Select MT5 Color	Sets the color for all R2 levels
Color: R1 level	Select MT5 Color	Sets the color for all R1 levels
Color: PP level	Select MT5 Color	Sets the color for all PP levels
Color: S3 level	Select MT5 Color	Sets the color for all S3 levels
Color: S2 level	Select MT5 Color	Sets the color for all S2 levels
Color: S1 level	Select MT5 Color	Sets the color for all S1 levels
Color: High level	Select MT5 Color	Sets the color for all High levels
Color: Low level	Select MT5 Color	Sets the color for all Low levels
Color: Fib Level 1 – Resistance	Select MT5 Color	Sets the color for all Fib Level 1 – Resistance levels

Color: Fib Level 2 – Resistance	Select MT5 Color	Sets the color for all Fib Level 2 – Resistance levels
Color: Fib Level 3 - Resistance	Select MT5 Color	Sets the color for all Fib Level 3 – Resistance levels
Color: Fib Level 1 – Support	Select MT5 Color	Sets the color for all Fib Level 1 – Support levels
Color: Fib Level 2 – Support	Select MT5 Color	Sets the color for all Fib Level 2 – Support levels
Color: Fib Level 3 - Support	Select MT5 Color	Sets the color for all Fib Level 3 – Support levels
Use custom Text color	True or False	True = the text color of all level labels will be set to the color selected in TextColor  False = the text color of all level labels will match the color of the line
Custom Text color	Select MT5 Color	Only used if CustomTextColor = True See CustomTextColor
Text font size	Integer value	Sets the size of the font for all level labels
Hourly line style	Solid Dot Dash Dashdot Dashdotdot	Sets the line style for Hourly levels
Daily line style	See Hourly_Style	Sets the line style for Daily levels
Weekly line style	See Hourly_Style	Sets the line style for Weekly levels
Monthly line style	See Hourly_Style	Sets the line style for Monthly levels
Line thickness	Integer value	Sets the thickness of the level lines

When the indicator is deleted from a chart it will automatically delete all the levels and labels from that chart.

When using the Fibonacci Extension or High/Low levels you may get some overlapping of the labels for a single timeframe when the levels are very close to each other, this cannot be avoided but multiple levels close together often means a stronger area of support or resistance.

