

User Guide

Market Info & Sessions

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Market
INFO & SESSIONS

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mql5.com/en/market/product/27332

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1. Introduction

1. Introduction

MIS (Market Info & Sessions) indicator is an effective tool designed for professional traders in financial markets. Getting essential information about the market every second and managing a big list of symbols in the market watch to monitor different markets, calculating important price levels of each security or currency pair and finding the session times for volatility and volume are not an easy task all at the same time for an individual trader. So here comes the MIS which gives the fellow trader all of these abilities & informations in a fraction of a second with a very user friendly interface in MetaTrader environment. The panel is also optimized for using in HD/FULL HD/4K/UHD displays.

In this user guide all the options and capabilities of **MIS^{PRO}** is completely explained.

MIS is devised in 4 sections:

- Header
- Market Info
- Tool Box
- Sessions



Fig.1_1: **MIS^{PRO}** on the right and **MIS^{Lite}** on the left

Tab.1_1: MIS^{PRO} and MIS^{Lite} versions comparison

	MIS ^{Lite}	MIS ^{PRO}
Run multiple instances of the indicator on the same chart/mt4	✓	✓
Optimized for HD/FULL HD/4K/UHD displays	✓	✓
Drag panel anywhere on the chart freely	✓	✓
Pin panel to the chart	✓	✓
Turn button clicking sound On/Off	✓	✓
Panel Minimize/Maximize	✓	✓
Turn panel/s transparency On/Off	✓	✓
Autoscroll chart Button	✓	✓
Autoshift chart Button	✓	✓
Zoom In/Out chart Button	✓	✓
Change chart symbols specifically using MarketWatch	✗	✓
Change chart to Previous/Next symbol	✗	✓
Change Timeframes	✗	✓
Show pip & swap value for every symbol	✓	✓
Calculate pip & swap value for custom Lot size	✗	✓
Show 'Magnified Bid/Spread/Time Left in a candle' on chart	✓	✓
Show Spread Points/Pips	✓	✓
Show Date, time & Day of Week (Broker Server Time/Local Time)	✓	✓
Show today's movement of a symbol (Today's volatility)	✓	✓
Show yesterday's movement of a symbol (Yesterday's volatility)	✓	✓
Show average 5 day movement of a symbol (1 Week volatility)	✓	✓
Show average 22 day movement of a symbol (1 Month volatility)	✓	✓
Daily Pivot Point Levels	✓	✓
Weekly Pivot Point Levels	✗	✓
Monthly Pivot Point Levels	✗	✓
Daily Fibonacci Pivot Point Levels	✗	✓
Weekly Fibonacci Pivot Point Levels	✗	✓
Monthly Fibonacci Pivot Point Levels	✗	✓
Daily High/Low Levels	✗	✓
Weekly High/Low Levels	✗	✓
Monthly High/Low Levels	✗	✓
Calculate probable daily High/Low Levels based on Statistics	✗	✓
Calculate probable weekly High/Low Levels based on Statistics	✗	✓
Calculate probable monthly High/Low Levels based on Statistics	✗	✓
Draw Round Numbers	✓	✓
Draw Support/Resistance Levels	✗	✓
Customizable S/R criteria	✗	✓
Customizable S/R line's extend	✗	✓
Automatically calculate market sessions based on 'Broker's server time/Local time'	✗	✓
Session boxes and information about High/Low/Range of each session	✗	✓
Give information about opening/closing times of each session	✗	✓

2. Header

2. Header

Header panel is shown in Fig.2_1 and different parts of Header panel is shown in Fig.2_2.

The buttons and actions in this panel affects the whole panel. It is possible to drag the whole panel if the mouse drag is on the purple color part of the Header panel.



Fig.2_1: Header Panel



Fig.2_2: Header Panel parts

- 1- Minimize/Maximize whole panel
- 2- Pin/Unpin the panel to the chart.
- 3- Turn clicking sound of buttons On/Off
- 4- MIS logo & the tooltip is link to MIS page on mql5.com (mql5.com/en/market/product/27332)

3. Market Info Panel

3. Market Info

'Market Info' panel shows essential information about the market and also it gives the trader the ability to manage charts easily. Market Info panel and different parts of it is shown in Fig.3_1.

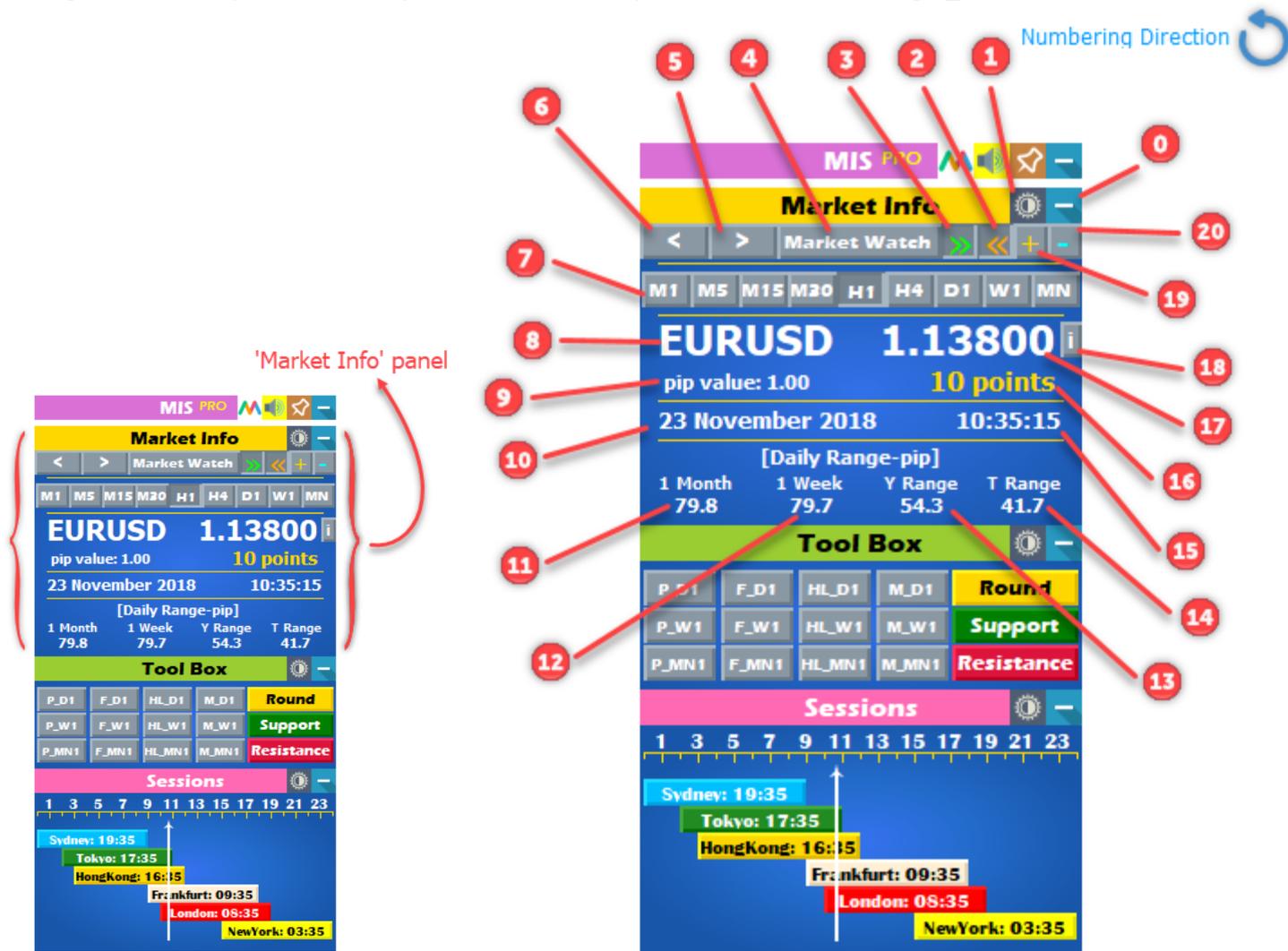


Fig.3_1: 'Market Info' panel on the left and 'Market Info' numbered parts on the right

- 0- Minimize/Maximize Market Info panel
- 1- Makes Market Info panel transparent/non-transparent.
- 2- Autoshift shifts the chart to the left so that the right side of the chart becomes free.
- 3- Autoscroll scrolls the chart to the latest candle upon new tick arrival or zooming action.
- 4- MarketWatch shows the symbols in the Market Watch window. It is possible to change the current chart to the desired symbol by clicking on the name of the symbol. Market Watch panel is shown in Fig.3_2.
- 5- Change the current chart to the chart of the next symbol in market watch.
- 6- Change the current chart to the chart of the previous symbol in market watch.
- 7- Change timeframe of the chart
- 8- Symbol name, tooltip shows swap long, swap short for desired Lot size and 3 day swap rollover day of the broker. Lot size can be change in the options.

'Market Watch' panel



Fig.3_2: Market Watch Panel

9- Pip value for desired lot size. The lot can be entered in the options. In other words for EURUSD if a trade with 0.1 lot is opened every pip is 1\$, so 50 pips is 50\$, 100 pips is 100\$ and so on. Pip value for every symbol can be different. For example pip value for EURAUD is 0.89 for 0.1 of a standard lot. 100 pips of EURAUD with 0.1 lot would be 89\$ or 74 pips EURAUD would be $74 \times 0.89 = 65.86\$$. Pip value for EURAUD can be seen in Fig.3_3 below.

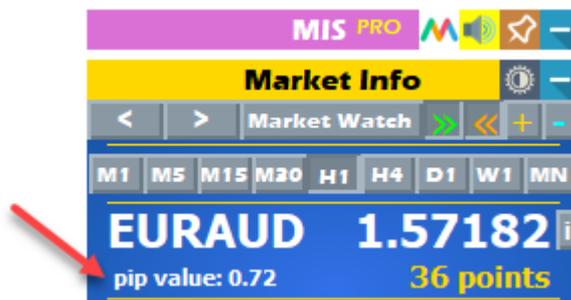


Fig.3_3: EURAUD pip value

3. Market Info Panel

- 10- Current date (Broker server date/Local date), tooltip shows day of week, Fig.3_4 below shows day of week tooltip.
- 11- Shows the average range (High-Low) of the last 22 Daily candles (One Month)
- 12- Shows the average range (High-Low) of the last 5 Daily candles (One Week)
- 13- Shows the range (High-Low) of yesterday's candles
- 14- Shows the range (High-Low) of today's candles so far.
- 15- Current time (Broker server time/Local time), tooltip shows if the time shown is the broker's time or the local time of your computer.
- 16- Spread, it can be shown in points/pips.
- 17- Bid price
- 18- 'Data on Chart' button shows 'Magnified bid'/'Spread'/'Time left till candle close' on chart. Fig.3_4 shows the data.
- 19- Zoom IN chart
- 20- Zoom OUT chart



Fig.3_4: Day of week tooltip and Data on chart

4. Tool Box Panel

4. Tool Box

'Tool Box' panel shows the trader different levels where there is a high probability of market response to them, they are the levels market participants use every day or psychologically drawn to them like Round Number levels. Tool Box panel and different parts of it is shown in Fig.4_1.

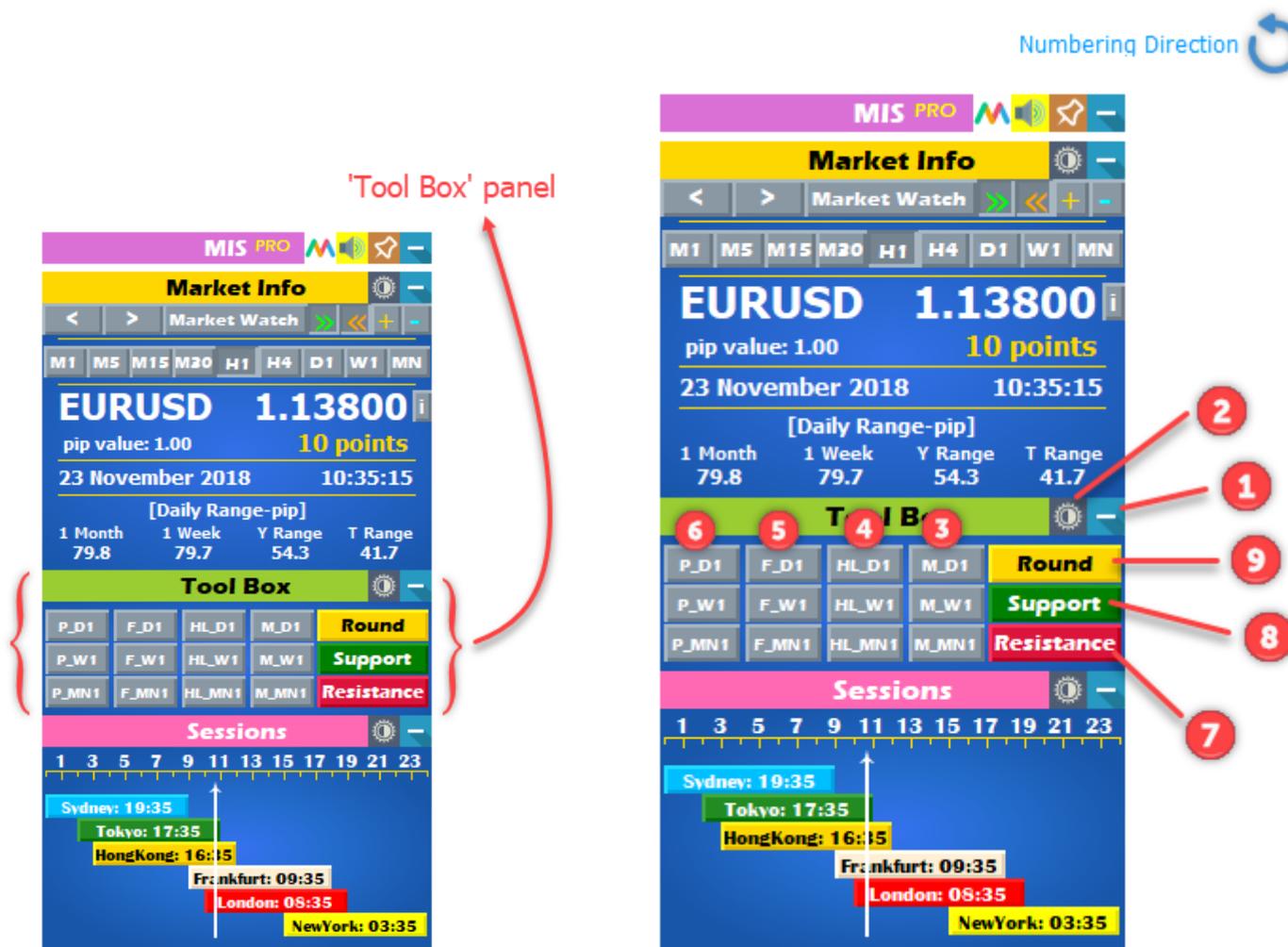


Fig.4_1: 'Tool Box' panel on the left and 'Tool Box' numbered parts on the right

- 1- Minimize/Maximize Tool Box panel.
- 2- Makes Tool Box panel transparent/non-transparent.
- 3- Calculates probable movement of price based on 2/3/4 or any desired set of standard deviations from the open.

* It looks at how much the price has gone above or below the open price on average. For example to find the high levels if the calculation period is 5 (default for daily timeframe is 132 days), it gets the high to open of the previous 5 days and finds the standard deviation of these numbers. And draws the levels of 1 standard deviation away, 2 standard deviation, 3 & 4. You can set these coefficients, for calculation of the lower levels it gets the open to low of the days and finds the standard deviation of these number and draws the levels based on 1, 2, 3 & 4 standard deviations away from the open.

- 4- Shows High & Low of the Daily, Weekly or Monthly candles on the current chart.

4. Tool Box Panel

5- Calculate Fibonacci Pivot Point Levels. Current levels are calculated using the previous day/week/month's High, Low & Close in the following manner:

- $\text{Fibo_R_161.8} = \text{Fibo_Pivot} + (\text{High-Low}) * 1.618$
- $\text{Fibo_R_127.2} = \text{Fibo_Pivot} + (\text{High-Low}) * 1.272$
- $\text{Fibo_R_61.8} = \text{Fibo_Pivot} + (\text{High-Low}) * 0.618$
- $\text{Fibo_R_38.2} = \text{Fibo_Pivot} + (\text{High-Low}) * 0.382$
- $\text{Fibo_Pivot} = (\text{High} + \text{Low} + \text{Close}) / 3$
- $\text{Fibo_S_38.2} = \text{Fibo_Pivot} - (\text{High-Low}) * 0.382$
- $\text{Fibo_S_61.8} = \text{Fibo_Pivot} - (\text{High-Low}) * 0.618$
- $\text{Fibo_S_127.2} = \text{Fibo_Pivot} - (\text{High-Low}) * 1.272$
- $\text{Fibo_S_161.8} = \text{Fibo_Pivot} - (\text{High-Low}) * 1.618$

6- Calculate Pivot Point Levels. Current levels are calculated using the previous day/week/month's High, Low & Close in the following manner:

- $R3 = (2 * \text{Pivot} - \text{Low}) + (\text{High} - \text{Low})$
- $R2 = \text{Pivot} + (\text{High} - \text{Low})$
- $R1 = 2 * \text{Pivot} - \text{Low}$
- $\text{Pivot} = (\text{High} + \text{Low} + \text{Close}) / 3$
- $S1 = 2 * \text{Pivot} - \text{High}$
- $S2 = \text{Pivot} - (\text{High} - \text{Low})$
- $S3 = (2 * \text{Pivot} - \text{High}) - (\text{High} - \text{Low})$

7- Draw Resistance levels on chart. The lines can extend based on 4 conditions chosen by the trader in the options.

8- Draw Support levels on chart. The lines can extend based on 4 conditions chosen by the trader in the options.

* The support and resistance levels are identified with how many candles are on their right or left. For example the default values is set to 12 candles on the left and 12 candles on the right. It means if a high of a candle is higher than its previous 12 candles and 12 candles after that it is a resistance level and vice versa for identifying support levels. If a candle's low is lower than 12 candles before and after it, that low is identified as support level.

* The lines will extend until the price hits the support or resistance. It can be changed in the line extension option. The default is when a high or low hits the S/R. If it is changed to close, now the line will extend until a candle closes above or below it, the third criteria is extend the lines until a full body is formed above or below the S/R line and the last one is a full candle above or below the S/R line.

9- Draw Round Numbers on chart.

5. Sessions

'Sessions' panel shows the trader which sessions are active now. The sophisticated and efficient algorithm devised for this tool makes the trader free of any kind of time calculation. As soon as the indicator is dropped on chart it calculates time difference and adjust DayLight Saving Time (DST) of your time zone, broker's server time zone, Sydney, Tokyo, Hong Kong, Frankfurt, London & New York City and sessions are drawn in a fraction of a second. The local time of each session is also shown in their defined boxes. Sessions panel and different parts of it is shown in Fig.5_1.

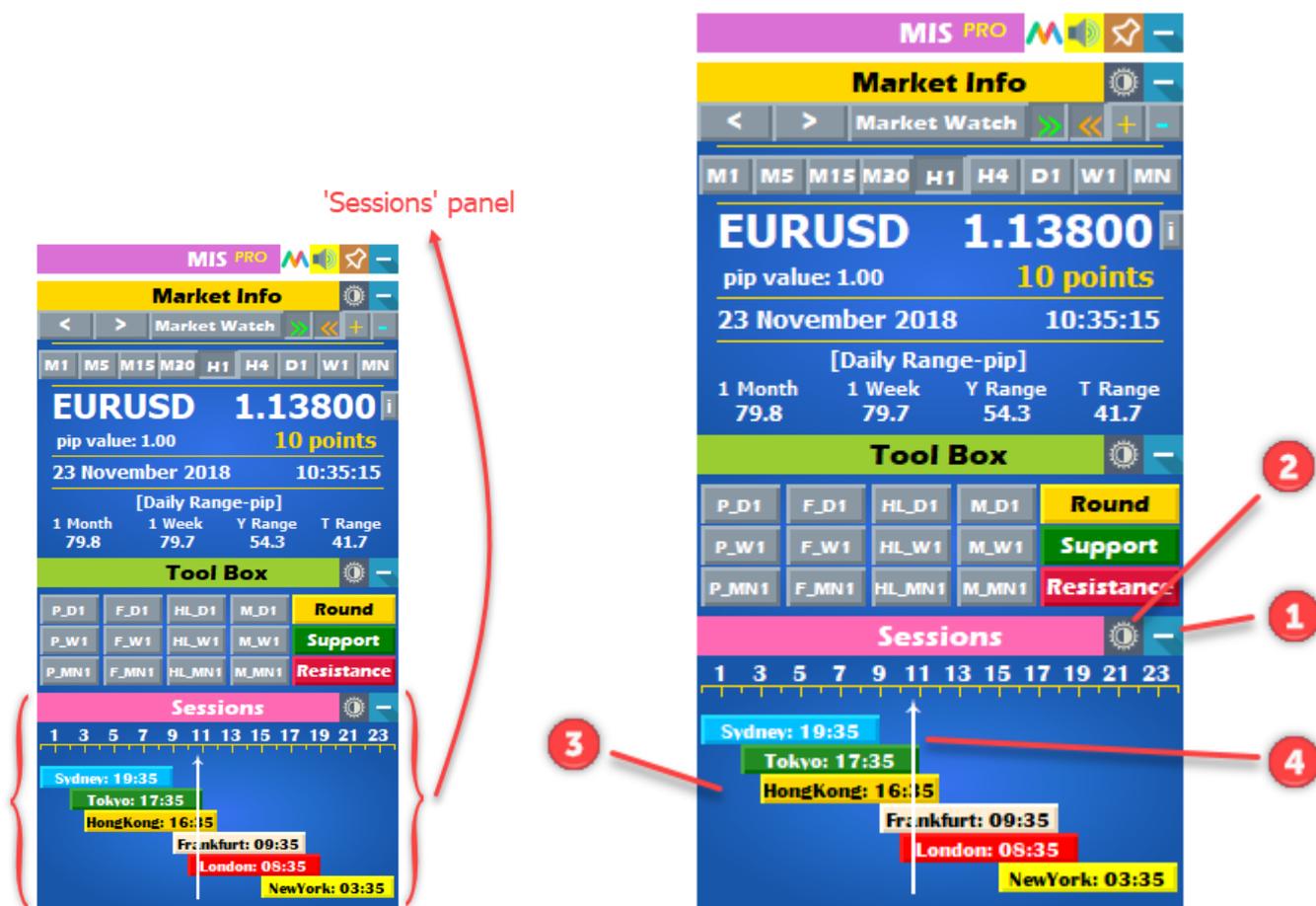


Fig.5_1: 'Sessions' panel on the left and 'Sessions' numbered parts on the right

- 1- Minimize/Maximize Sessions panel.
- 2- Makes Sessions panel transparent/non-transparent.
- 3- Sessions are shown here. This indicator also takes Saturdays and Sundays into account for calculating begin time of each sessions in your chosen time zone. As it can be seen in Fig.5_2 & Fig.5_3 the tool tip of every session shows the details. Also if you click on the session box it will draw that session on chart for you. The tooltip of the session box on chart show High/Low/Range of the session. This can be seen in Fig.5_4.
- 4- The line of current time. Tooltip shows current time.

5. Sessions Panel



Fig.5_2: Tooltip of Tokyo Session on Friday 23rd of November 2018

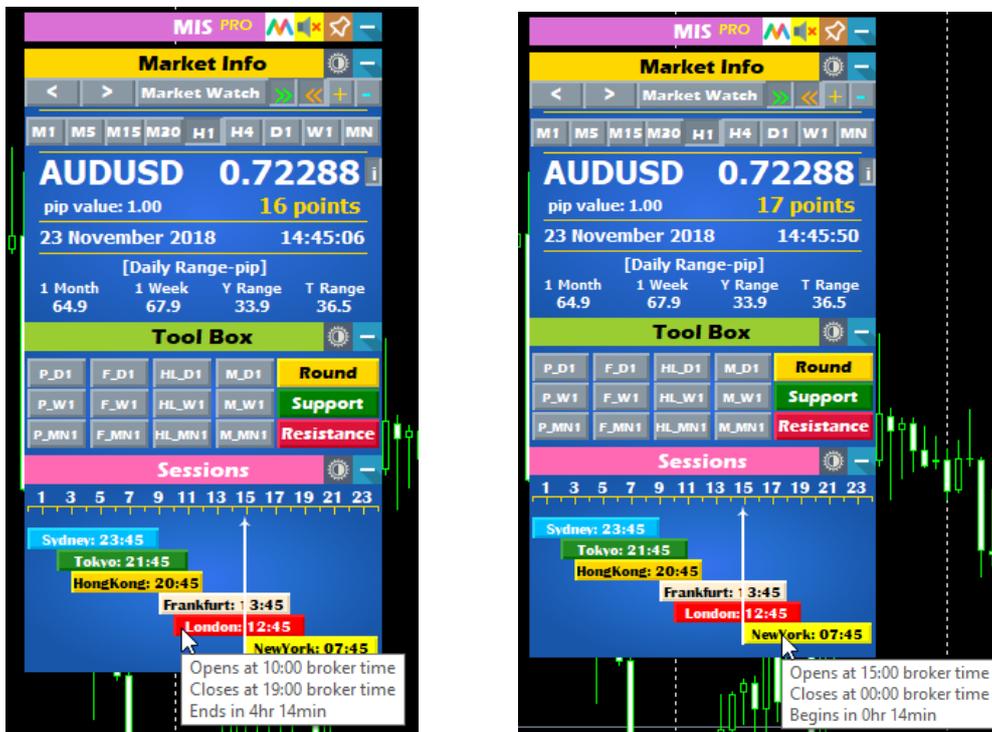


Fig.5_3: Tooltips of London (left) & New York (right) Sessions on Friday 23rd of November 2018

5. Sessions Panel



Fig.5_4: Tokyo, London & New York sessions drawn on chart

6. Options

6. Options

All the options of MIS^{PRO} is shown and explained in the Fig.6_1, Fig.6_2, Fig.6_3, Fig.6_4 & Fig.6_5.

Custom Indicator - MIS_vPRO	
About Common Inputs Colors Visualization	
Variable	Value
hint1	===== General Settings =====
Monitor PPI (Pixel Per Inch) range is	PPI<144 (Generic Display)
Initial Corner to Draw Indicator	Top Left Corner
Draw	buttons on the right
Choose background	Radial Gradient Blue
Choose time type	Broker Server Time
Show spread in	points
Calculate Pip Value && Swap Based on This Lot	0.1
hint2	===== Panel Color Settings =====
Simple Panel Color	Gray
Panel Font Color	White
Spread Color	Gold
hint3	===== Ribbons/Buttons Color Settings =====
MIS Ribbon Color	Orchid
MIS Ribbon Font#1 Color	White
MIS Ribbon Font#2 Color	Yellow
Market Info Ribbon Color	Gold
Market Info Ribbon Font Color	Black
Toolbox Ribbon Color	YellowGreen
Toolbox Ribbon Font Color	Black
Sessions Ribbon Color	HotPink
Sessions Ribbon Font Color	White
Button Text Color	White
Button Color	138,152,164
hint4	===== View Data on Chart =====
Show Bid of the Last Open Candle	true
Show Spread on the Last Open Candle	true
Show Time Left on the Last Open Candle	true
Distance from the Last Candle	2
On Chart Data Size	3
Bid on Chart Color	Gold
Spread on Chart Color	Pink
Time Left on Chart Color	AliceBlue
hint5	===== Marketwatch =====

Fig.6_1: MIS^{PRO} options, part (i)

6. Options

Custom Indicator - MIS_vPRO

About Common **Inputs** Colors Visualization

Variable	Value
ab hint5	===== Marketwatch =====
1a3 Count of Symbol Rows	14
1a3 Font Size	10
1a3 Button Length in Pixels	65
ab Group #1 for color #1 (separator :)	AUDCAD;AUDCHF;AUDJPY;AUDNZD;AUDUSD;CADCHF;CADJPY;...
Color #1 for Group #1 (txt button color)	Black
Color #1 for Group #1 (button color)	PaleGreen
ab Group #2 for color #2 (separator :)	XAUUSD;XAGUSD;_BTCUSD;
Color #2 for Group #2 (txt button color)	Black
Color #2 for Group #2 (button color)	Gold
ab Group #3 for color #3 (separator :)	_DJI;_SPX500;
Color #3 for Group #3 (txt button color)	Black
Color #3 for Group #3 (button color)	WhiteSmoke
Other Symbols not in the list #1/#2/#3 (txt button color)	Black
Other Symbols not in the list #1/#2/#3 (button color)	WhiteSmoke
ab hint6	===== Floor Pivot Points =====
1a3 Count of Daily Pivot Points in Days	10
1a3 Count of Weekly Pivot Points in Weeks	4
1a3 Count of Monthly Pivot Points in Months	1
Show R3	true
Show R2	true
Show R1	true
Show Pivot	true
Show S1	true
Show S2	true
Show S3	true
R3 Color	Gold
R2 Color	Red
R1 Color	Orange
Pivot Color	RoyalBlue
S1 Color	Lime
S2 Color	Green
S3 Color	Turquoise
1a3 Floor Pivot Line Style	SOLID
1a3 Other Pivot Points Lines Style	DOT
ab hint7	===== Fibo Pivot Points =====

Fig.6_2: MIS^{PRO} options, part (ii)

6. Options

Custom Indicator - MIS_vPRO

About Common **Inputs** Colors Visualization

Variable	Value
hint7	===== Fibo Pivot Points =====
Count of Daily Pivot Points in Days	10
Count of Weekly Pivot Points in Weeks	4
Count of Monthly Pivot Points in Months	1
Resistance_161.8 %	true
Resistance_127.2 %	true
Resistance_61.8 %	true
Resistance_38.2 %	true
Pivot_(H+L+C)/3	true
Support_38.2 %	true
Support_61.8 %	true
Support_127.2 %	true
Support_161.8 %	true
Resistance_161.8 Color	HotPink
Resistance_127.2 Color	Gold
Resistance_61.8 Color	Red
Resistance_38.2 Color	Orange
Pivot Color	RoyalBlue
Support_38.2 Color	Lime
Support_61.8 Color	Green
Support_127.2 Color	Turquoise
Support_161.8 Color	Bisque
Fibo Pivot Line Style	SOLID
Other Fibo Pivot Points Lines Style	DASHDOTDOT
hint8	===== High/Low Levels =====
Count of Daily High/Low Levels in Days	10
Count of Weekly High/Low Levels in Weeks	4
Count of Monthly High/Low Levels in Months	1
Show Highs	true
Show Lows	true
Highs Color	OrangeRed
Lows Color	Aqua
High/Low Line Style	DASH
hint9	===== X Standard Deviation Movement from Open Price =====

Fig.6_3: MIS^{PRO} options, part (iii)

6. Options

Custom Indicator - MIS_vPRO

About Common **Inputs** Colors Visualization

Variable	Value
ab hint9	===== X Standard Deviation Movement from Open Price =====
123 Show this Number of Daily X*SD Levels in Days	10
123 Show this Number of Weekly X*SD Levels in Weeks	4
123 Show this Number of Monthly X*SD Levels in Months	1
1/2 Standard Deviation Coefficient #1	2.0
1/2 Standard Deviation Coefficient #2	3.0
1/2 Standard Deviation Coefficient #3	4.0
123 Count of Days for SD Calculation	132
123 Count of Weeks for SD Calculation	52
123 Count of Months for SD Calculation	24
123 Show Upper Level #3	true
123 Show Upper Level #2	true
123 Show Upper Level #1	true
123 Show Open Price Level	true
123 Show Lower Level #1	true
123 Show Lower Level #2	true
123 Show Lower Level #3	true
123 Upper Level #3 Color	Yellow
123 Upper Level #2 Color	Pink
123 Upper Level #1 Color	OrangeRed
123 Open Level Color	Goldenrod
123 Lower Level #1 Color	LimeGreen
123 Lower Level #2 Color	CornflowerBlue
123 Lower Level #3 Color	Bisque
123 Open Level Line Style	SOLID
123 Upper/Lower Level Line Style	DOT
ab hint10	===== Round Numbers =====
123 Round Number Distance	50 pips
123 Count of Round Number Lines Above/Below Current Price	5
123 Round Number Line Color	Gold
123 Round Number Line Style	DASH
ab hint11	===== Support/Resistance =====
123 New York Font Color	Black

Fig.6_4: MIS^{PRO} options, part (iv)

6. Options

Custom Indicator - MIS_vPRO

About Common **Inputs** Colors Visualization

Variable	Value
ab hint10	===== Round Numbers =====
123 Round Number Distance	50 pips
123 Count of Round Number Lines Above/Below Current Price	5
Round Number Line Color	Gold
123 Round Number Line Style	DASH
ab hint11	===== Support/Resistance =====
123 Number of Candles to The Left to Designate S/R	12
123 Number of Candles to The Right to Designate S/R	12
123 Show S/R in the last X number of Days	132
Draw S/R Arrows	false
Draw S/R Lines	true
123 Extend S/R Lines till	the low or high of a candle hits S/R line
Support Color	DodgerBlue
Resistance Color	OrangeRed
Selected line Color	Gold
123 S/R Line Style	SOLID
123 S/R Line Width	2
ab hint12	===== Sessions =====
123 Show this Number of Daily Sessions in Days	10
Draw Session Boxes in the Background	false
123 Session's Box Line Style	SOLID
Sydney Color	DeepSkyBlue
Sydney Font Color	White
Tokyo Color	ForestGreen
Tokyo Font Color	White
Hong Kong Color	Gold
Hong Kong Font Color	Black
Frankfurt Color	PapayaWhip
Frankfurt Font Color	Black
London Color	Red
London Font Color	White
New York Color	Yellow
New York Font Color	Black

Fig.6_5: MIS^{PRO} options, part (v)

--- End ---