

RSI Dashboard

+ Average True Range



QR link to Product Page

Welcome to RSI Dashboard 😊

Version 6

Congratulations on becoming a free user of the RSI Dashboard with Average True Range (ATR)

This manual will take you through all the features so that you can quickly get working.

We hope you will love this product and will leave us a review.

Reviews help us to support future updates and features and can be via the product page here:

<https://www.mql5.com/en/market/product/120746>

Important:

This manual contains details on each of the indicators covered by this dashboard and information on what alerts are provided.

The alert strategies for these indicators are commonly available and alerts should not be considered as instructions to enter or exit trades. Users must treat the alerts as information only and make their own trading decisions.

Please note that this manual is common to a number of our products and may contain references to other indicators not available in this product.

Getting Started

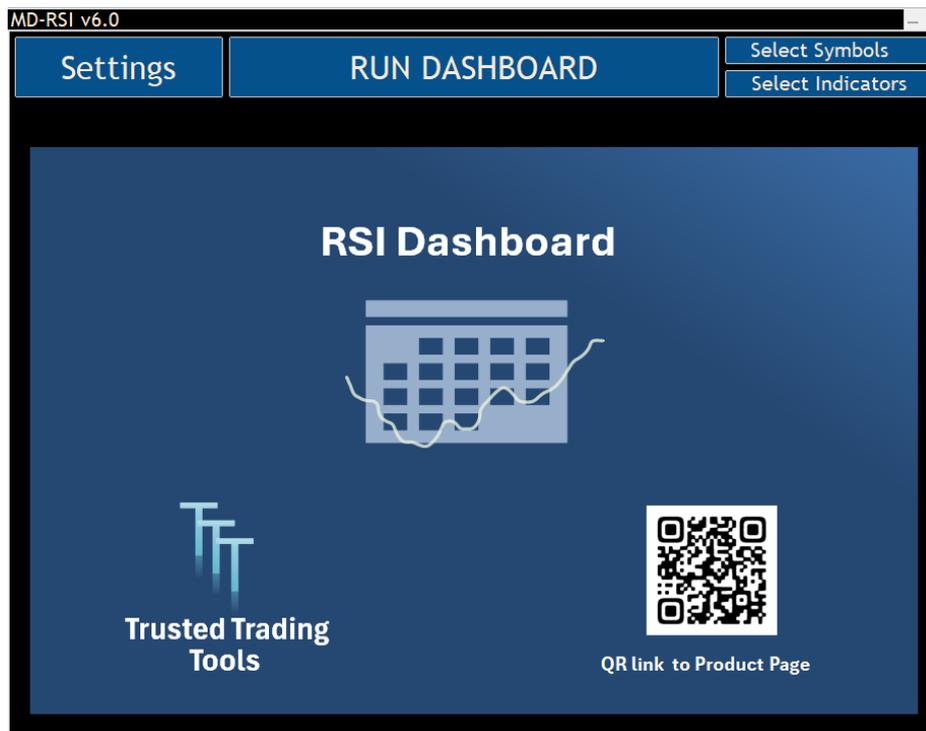
Once you have installed RSI Dashboard on your MT4/5 terminal it will appear in the Indicators/Market section of your Navigator.

To run, simply select the chart and then either double click the indicator or click and drag it onto the chart.

You will first be greeted with the standard MT4/5 Inputs section, followed by the main screen.

With the exception of color overrides there are no input parameters and the dashboard is configured directly from the product via the setup screens instead.

The color overrides are described later in this manual, so for now just click OK and you will see the following screen:



TIP: always make sure that the chart is big enough to open the dashboard otherwise it may appear minimised on your chart.

The buttons on this screen do the following:

- Settings:** Dashboard settings screen – manage settings and save/load complete dashboards.
- Select Symbols:** Create/Manage symbol sets: will appear Green whenever valid symbol(s) selected.
- Select Indicators:** Create/manage indicator sets – appears green whenever valid indicator(s) selected.
- Run Dashboard:** If you have selected some Symbols and Indicators (both buttons Green) then this will create and run your dashboard.

TIP: You do not have to save a dashboard before running it but, if you do not save it then it will be lost if you close RSI Dashboard. If you have saved the Symbol and Indicator sets then these will not be lost.

Select Symbols

Once you press the Select Symbols button you will see this screen:

The screenshot shows a 'Main Screen' interface for selecting symbols. At the top, there are controls for loading and saving symbol sets, including a dropdown menu for 'List of saved Symbol Sets (drop down)', a text input for 'Name for Symbol Set to be saved', and buttons for 'Delete selected Symbol Set' and 'Clear Screen & Restart'. The main area is a table titled 'Mega Dash #1' with two columns of rows. Each row has a 'Row' number, an 'On' checkbox, a 'Symbol' input, and a 'Shortname' input. The first 10 rows are populated with major currency pairs like EURUSD-sb, EURGBP-sb, etc. The bottom of the screen features a search bar, a dropdown for 'Found Symbols from search', and buttons for 'ADD TO ROW' and 'CLEAR ROW'. Callouts point to these elements: 'Current Row Highlighted' (row 7), 'Symbol Search' (search bar), 'Active/Inactive Button' (checkboxes), 'Found Symbols from search' (dropdown), and 'Add selected symbol to highlighted Row' (ADD TO ROW button).

The screen is very easy to use just enter/select up to 28 Symbols and you can then save them as a Symbol Set at the top of the screen.

Shortname: This is optional and will be displayed on the dashboard instead of the symbol name.

Symbol: If you enter the symbol name manually it must match exactly or it will not be accepted.

On/Off: You may not always want to use all the symbols in a set, so you can turn them on/off.

TIP: The dashboard will display only the first 6 characters of the Symbol name or Shortname if you have entered one.

Select Indicators

Once you press the Select Indicators button you will see this screen:

Load Indicator Set Day Trade 1 Delete Main Screen Select Symbols
Save Indicator Set Day Trade 1 Restart

Indicator Set Loaded: Day Trade 1

RSI RSI RSI RSI RSI CCI CCI CCI CCI CCI AO AO
M1 M5 M15 H1 D1 M1 M5 M15 H1 D1 M1 M5
AO AO AO MOM MOM MOM MOM MOM 20 21 22 23
M15 H1 D1 M1 M5 M15 H1 D1

Indicator RSI CLEAR COLUMN CREATE MTF SET
Timeframe M1 COPY TO NEXT
Averaging Period 14
Price To Apply CLOSE
Overbought Level 70.0
Oversold Level 30.0
 Every Tick

M1 M2 M3 M4
M5 M6 M10 M12
M15 M20 M30
H1 H2 H3 H4
H6 H8 H12
D1 W1 MN1

Alert levels Multi-Timeframe Selection

This screen works in exactly the same way as the Select Symbols screen except you are creating sets of Indicators.

When you choose an indicator the relevant parameters and default values will appear below. You can alter these to your liking. Note: RSI Dashboard only has RSI indicator.

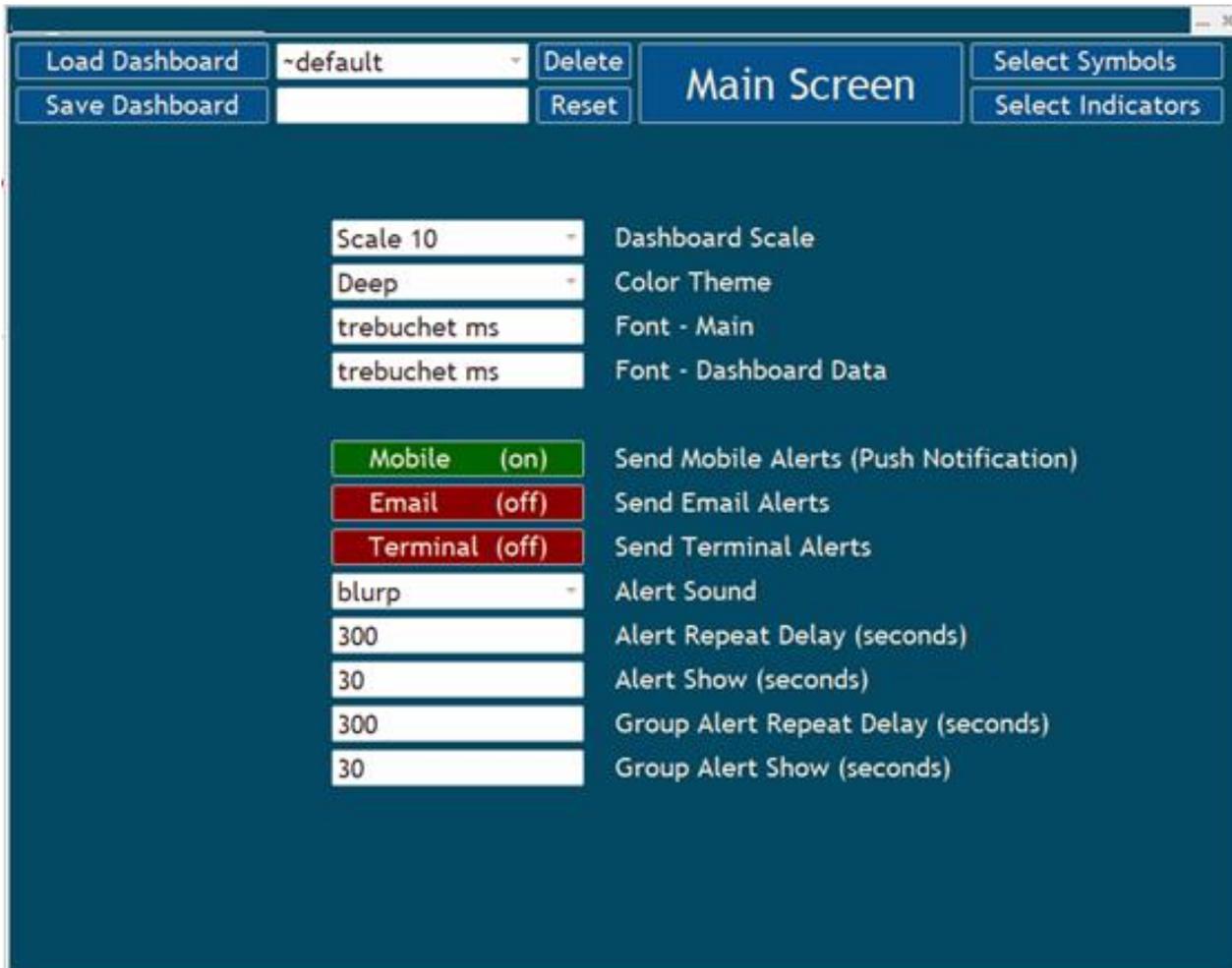
Alert Levels: Some indicators will have variable thresholds for alerting these are discussed in the later section of Trading Strategy Alerts.

Create MTF Set: If you wish to create the same indicator but across multiple timeframes, then this is the quickest way. Select an indicator then select the timeframes you want by selecting from the timeframe buttons. Now just press 'CREATE MTF SET' and all the indicator entries will be created for you, using the settings you chose.

Every Tick: Very few indicators create meaningful values/alerts mid-bar selecting Every Tick causes the selected indicator to recalculate every time there is a new price. This can lead to many false signals as the indicator value maybe completely different by the time the bar closes and also uses a lot more system resources. Use this feature with caution.

Settings

From the Main Screen the Settings button will take you to this screen:



Save Dashboard: If you have entered a name in the box then pressing this button saves a complete dashboard which includes:

- Symbols – if any created/loaded
- Indicators – if any created/loaded
- Settings - from this screen
- Color Overrides - if any selected

TIP: You can save dashboards without having selected any symbols or indicators. This will provide you with templates for your different settings to use in new dashboards. Just recall the dashboard, add symbols and indicators then save with a new name.

TIP: Names for Symbol Sets, Indicator Sets and Dashboards are not case sensitive, so DASH1 is the same as dash1. You can still use upper and lower case for appearance.

Load Dashboard: This will load the previously saved dashboard that has been selected from the drop-down list. All settings, symbols, indicators and color overrides will be loaded as they were when the dashboard was saved.

Delete: Deletes the selected dashboard.

Reset: Sets the Settings to the defaults.

Scale: The more symbols and indicators in a dashboard, the more screen space it will take up. Plus, some users prefer large fonts and others smaller fonts. Selecting a scale from 8 to 14 (based upon font size) will ensure that your dashboard is the size you want. It only impacts the dashboard screen.

TIP: If your dashboard will not open it may be too large for the amount of chart space you have provided, try enlarging your chart or changing the scale.

Color Theme: Choose from a selection of color themes.

Every color can be changed to your liking, to do this you need to select the colors you want to change in the input settings when you first load the RSI Dashboard.

Saving a dashboard will save those color overrides so that you do not need to re-enter them for that dashboard.

If you want to make permanent color overrides for every dashboard, then save them using the input settings when the RSI Dashboard loads.

Fonts: You can change the fonts to any installed on your computer. However, you must ensure that they are entered exactly including spaces. There is no way for Metatrader to determine if the fonts are valid and if you enter one incorrectly then you will get a basic default font. They are not case sensitive.

TIP: If you get muddled with the fonts you can enter 'default' and it will reset the font.

TIP: The font Chewy works well for the Dashboard Data.

Alert Buttons (Mobile, Email, Terminal)

These turn on/off the alerts, to receive Email and Mobile alerts you must have configured your MT4/5 terminal accordingly in the Options.

TIP: Even with all three alerts turned off you will still get visual and audible alerts.

Alert Sound: Choose from 22 different sounds including Silence if you do not want audible alerts.

Alert Repeat Delay: This will stop the same alert being repeated for the number of seconds specified. Alerts can get repeated under certain circumstances, like changing the Chart Timeframe or Symbol or if you have an indicator set to every tick.

This feature stops nonsense alerts. It will not stop new alerts being given and all alerts will still show on the dashboard.

Alert Show: When an alert is created on the dashboard, as well as the data cell showing the actual alert, the Symbol and Indicator Alert Status Flag will change color for the amount of time specified here.

Group Alert Repeat Delay works the same as Alert Repeat Delay but for the Group Alerts.

Group Alert Show works the same as Alert Show but for the Group Alerts.

Run Dashboard

If you have Symbols and Indicators selected (Select Symbols/Select Indicators buttons will be green) then pressing Run Dashboard will launch your dashboard with all your settings.

The look and size of your dashboard will depend upon all the settings you have chosen.

| Exit | | G-1 | | G-2 | | G-1 | | G-2 | | | | |
|---------|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|----|
| Running | | RSI | RSI | RSI | RSI | RSI | RSI | ATR | ATR | ATR | ATR | |
| | | M1 | M5 | M15 | H1 | D1 | W1 | MN1 | M5 | M15 | H1 | D1 |
| G | EURUSD | 36 | 30 | 22 | 37 | 53 | 54 | 48 | | Sell | Sell | |
| | Ger40- | 46 | 36 | 38 | 53 | 52 | 58 | 63 | | | Sell | |
| G | EURGBP | 64 | 81 | 91 | 70 | 51 | 40 | 43 | | Buy | Buy | |
| | USDCHF | 44 | 63 | 72 | 61 | 37 | 43 | 48 | | Buy | Buy | |
| | CADJPY | 56 | 56 | 58 | 46 | 22 | 44 | 72 | | Buy | | |
| | CHFJPY | 62 | 57 | 52 | 40 | 33 | 53 | 81 | | | | |
| | EURCAD | 44 | 40 | 31 | 47 | 71 | 65 | 54 | | Sell | | |
| | EURCHF | 38 | 46 | 55 | 55 | 38 | 46 | 43 | | | | |
| | EURJPY | 52 | 53 | 54 | 44 | 26 | 50 | 77 | | | | |
| | CADCHF | 41 | 53 | 66 | 55 | 26 | 36 | 42 | | Buy | | |
| | USDJPY | 57 | 61 | 62 | 49 | 27 | 49 | 70 | | Buy | | |

Example Dashboard - RSI (7 Timeframes) + ATR (4 Timeframes) + 11 Symbols

Symbols on Dashboard

Symbols are shown on the left along with Alert and Group Alert status.

If a symbol is that of the current chart it will be highlighted (see EURUSD)

| Exit | |
|---------|--------|
| Running | |
| G | EURUSD |
| G | EURGBP |
| | CADJPY |
| | CHFJPY |
| | EURCAD |
| | EURCHF |
| G | EURJPY |
| | CADCHF |
| | USDJPY |
| | GBPCAD |
| | GBPCHF |
| | GBPJPY |
| | GBPUSD |
| G | USDCAD |
| | USDCHF |

Group Alerts

If Group Alerts are turned on for a Symbol then a 'G' shown

If a Group Alert is triggered for a Symbol the 'G' will highlight - Red in this example.

Standard Alert

If a Standard Alert is turned on for a Symbol the box will be shaded as shown here with USDCAD and USDCHF

If an Alert is triggered the shaded color will highlight Red for that Symbol

Indicators on Dashboard

| Exit | | G-1 | G-2 | | | G-1 | G-2 | | | G-1 | G-2 | | |
|---------|--------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|
| Running | | RSI | RSI | RSI | RSI | CCI | CCI | CCI | CCI | MOM | MOM | MOM | MOM |
| | | M5 | M15 | H1 | D1 | M5 | M15 | H1 | D1 | M5 | M15 | H1 | D1 |
| G | USDCAD | 73 | 71 | 55 | 34 | 136 | 235 | 140x | -236 | | | | X |
| G | EURGBP | 55 | 61 | 61 | 45 | 21 | 97 | 177x | -41 | X | | | |
| | Euro | 52 | 53 | 67 | 77 | -12 | 45 | 68 | 238 | | | | |
| | CHFJPY | 50 | 51 | 56 | 64 | 5 | -52 | 47 | -11 | | | | |

Group Alerts

There are 9 separate groups available for indicators.

If a Group Alert is active its number is shown.

If a Group Alert is triggered then all Indicators in the group will be highlighted Red.

In the example shown 'G-1' group has triggered meaning that:
RSI(M5) + CCI(M5) + Mom(M5) have all turned Bullish in this example

The Group Alert has been triggered for the Symbol USDCAD because the 'G' is highlighted Red

Standard Alerts

If a Standard Alert is turned on for an Indicator then the box will be shaded.

If a Standard Alert is triggered the shaded color will highlight Orange for that Indicator.

In this example Standard Alerts are shown triggered for:

CCI(M5) + CCI(H1) + Mom(M5) for USDCAD and EURGBP.

Setting Alerts and Group Alerts

The large button under the Exit button has three functions:

Running: The dashboard is running

Set Alerts: Setup Standard Alerts (dashboard not running in this mode)

Set Groups: Setup Group Alerts (dashboard not running in this mode)



To switch between the modes just click the button until you get the mode you want.

Whenever you select Running the dashboard will be restarted.

Setting Standard Alerts

Click the button until Set Alerts is shown.

You can click in anywhere in the red box areas to turn on/off the Standard Alert for each Symbol and Indicator.



Setting Group Alerts

Click the button until Set Groups is shown.

You can now click the same red box areas but it will toggle on/off Groups Alerts for the Symbols and will allow you to select the Group number for each Indicator.

With Indicators if no number is shown then it is not in a Group

Tip: There are no group alerts for Bollinger Bands so you will not be able to set a group number.

Important Note:

If you wish to save your Alert settings for future use then you should exit the dashboard and Save the Symbol and Indicator files as normal or go to Settings and save a complete dashboard.

TIP: When an alert is triggered the Alert status for the Symbol and Indicator will change color for a period of time (see settings for duration)

TIP: Alerts will ALWAYS be shown in the data cell, turning alerts on/off on the dashboard screen turns on/off audible, Terminal, Email, Mobile alerts if they are selected for that Symbol or Indicator.

Running Mode

When your dashboard is Running you can also do these things:

Symbol Name: Pressing the Symbol Name will change the chart Symbol accordingly.

Indicator Name: Pressing the Indicator Name will show or remove the Indicator from the chart.

Timeframe: Pressing the Timeframe will change the chart timeframe accordingly.

Indicators and Trading Strategy Alerts

Traders use indicators to filter various conditions to help make entry/exit positions. Indicators all tend to have a particular purpose which is why being able to put multiple indicators on a single dashboard can be really useful to generate a birds-eye view of the market.

What follows is information on each of the indicators provided and details of the associated trading strategy alerts that you may see.

Trend Direction

This will normally be indicated by the data cell being set to the Bullish Trend Background or Bearish Trend Background color. This condition may exist for any length of time.

Trend directions do not cause an alert.

Alerts fall into a number of categories, when triggered these will cause the chosen sound to be played and the data cell will color either: Bullish Signal Background or Bearish Signal Background

If enable, chosen sound will be played and Terminal, Email, Mobile alerts issued.

The data cell may also contain extra indicators as follows:

Threshold Crossing

Some indicators will provide an alert when a level is crossed.

Depending on the indicator the level will normally be either:

- Zero - normally associated with Oscillators
- Price - typically with indicators like a Moving Average
- Threshold - normally associated Oscillators – levels can be adjusted if required

The dashboard will display an appropriate symbol like "X" in the data cell to indicate the crossing has just occurred and change the data cell background color accordingly.

Overbought / Oversold

Indicators like the RSI have an upper and lower threshold. When the indicator value is above/below these levels it is considered Overbought / Oversold.

The dashboard will alert the crossing of these levels and then continue to show that the indicator is in the zone by changing the color of the background accordingly.

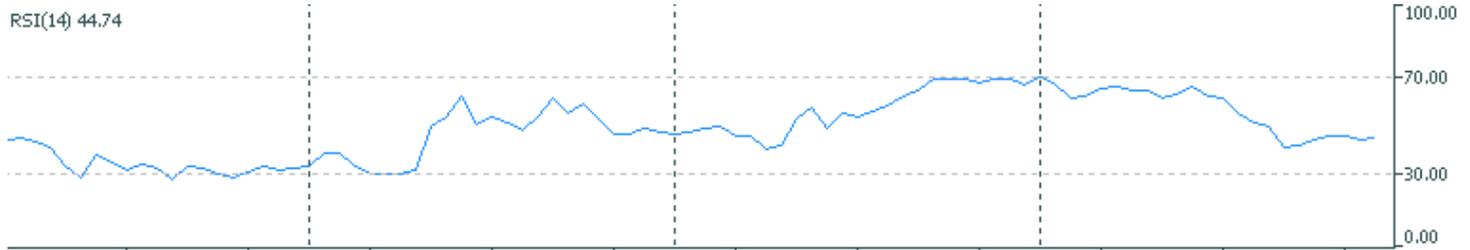
Signal Cross-overs

Some indicators have more than a single output like the MACD which has a Main line value and a Signal value. When these cross it generates an alert. The dashboard indicates these cross-overs with a "w" and change the color of the data cell accordingly.

Indicator: **Relative Strength Index (RSI)**

Type: Momentum Oscillator

Window: Separate Chart Window



The RSI is an extremely popular momentum indicator. It oscillates between 0 and 100 and has overbought and oversold zones.

If the RSI is > 70 it is considered overbought (some traders prefer 80, it can be adjusted in indicator settings) and a move below this level should be considered bearish.

If the RSI is < 30 it is considered oversold (some traders prefer 20, it can be adjusted in indicator settings) and a move above this level should be considered bullish.

The dashboard will display as follows:

| Exit | RSI |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| Ger30- | 89 | 73 | 81 | 75 | 79 | 79 | 69 | 65 |
| EURJPY | 42 | 46 | 47 | 50 | 63 | 60 | 66 | 62 |
| CADCHF | 52 | 50 | 47 | 45 | 52 | 69x | 79 | 59 |
| CADJPY | 50 | 45 | 46 | 47 | 57 | 72 | 79 | 60 |
| CHFJPY | 47 | 40 | 43 | 47 | 54 | 54 | 56 | 57 |
| EURCAD | 46 | 38 | 45 | 49 | 46 | 32 | 28 | 42 |

The data cell will always display the RSI value.

If the RSI > 70 the data cell will color: Bullish Trend and be considered overbought

If the RSI < 30 the data cell will color: Bearish Trend and be considered oversold

The dashboard will alert as follows:

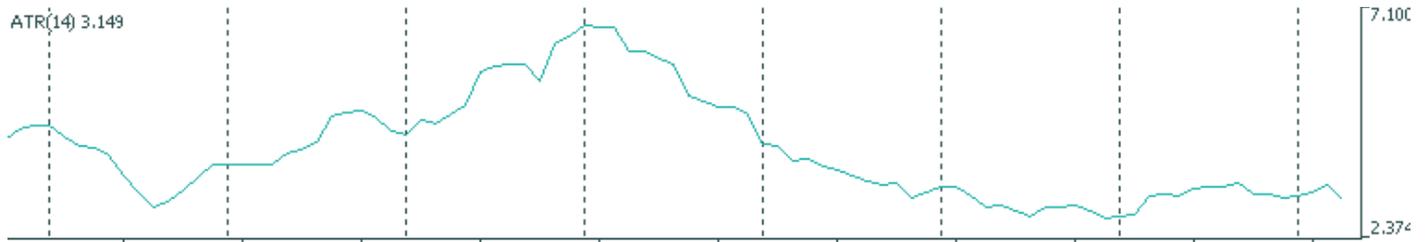
If the RSI crosses below 70 the data cell shows "x" and will color: Bearish Signal.

If the RSI crosses above 30 the data cell shows "x" and will color: Bullish Signal.

Indicator: **Average True Range (ATR)**
Standard Deviation (SDev)

Type: Oscillator - Volatility

Window: Separate Chart Window



The Average True Range indicator measures volatility through the range of price taking into account the previous close. The scale is variable according to the symbol price.

The true range is the largest of three calculations: difference between current high and low, current high and previous close, and current low and previous close.

The value is averaged to provide the Average True Range.

There are numerous ways traders can use the ATR and mainly as a supporting indicator to a trading strategy with others filters.

The dashboard will display as follows:

| Exit | ATR | ATR | ATR | ATR | ATR | ATR | ATR | ATR | ATR |
|--------|-----|-----|-----|------|-----|-----|-----|-----|-----|
| ALERTS | M1 | M5 | M15 | M30 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | | | | | | | |
| EURGBP | | | | Sell | | | | | |
| EURJPY | | | | | | | | | |
| USDJPY | | | | | | | | | Buy |
| GBPUSD | | | | | | | | | |
| GBPJPY | | | | Buy | | | | | |

If the Close > Previous Close the data cell will color: Bullish Trend.

If the Close < Previous Close the data cell will color: Bearish Trend

The dashboard will alert as follows:

Price > Previous Close + ATR: data cell shows "buy" color: Bullish Signal

Price < Previous Close - ATR: data cell shows "sell" color: Bearish Signal

The trend status and alerts for Standard Deviation are identical to ATR except that it uses the SDev value instead of the ATR in the calculations.

The remaining pages relate only to the Mega Dashboard product

Indicator: **Accelerator Oscillator (AC)**

Type: Oscillator - Momentum

Window: Separate Chart Window



Created by technical analyst Bill Williams, the Accelerator Oscillator is used to detect early changes in momentum in order to try and aid the prediction of market reversals.

If the trend is going to change direction the price change momentum will decrease so that the direction of the price change can switch. The Accelerator Oscillator measures the change in acceleration of momentum to give an early indication of change.

The values of the indicator oscillate around the zero line and are displayed as coloured bars with green representing positive changes in price and red negative changes.

The easiest way to understand this indicator is that green bars are increasing acceleration and red decreasing acceleration. Positive values are bullish and negative values are bearish.

The Bill Williams Accelerator Oscillator trading strategy is:

BUY:

- If above the zero line two green bars complete to enter a buy.
- If below the zero line three green bars complete to enter a buy.

SELL:

- If below the zero line two red bars complete to enter a sell.
- If above the zero line three red bars complete to enter a sell.

It is recommended to use AO in conjunction with other indicators to get your exact buy or sell signals.

Mega Dash will display in accordance with the Bill Williams strategy as shown below.

| Exit | AC |
|--------|-------|-------|-------|-------|-------|-------|-------|
| ALERTS | M1 | M5 | M15 | H1 | D1 | W1 | MN1 |
| EURUSD | green | red | green | red | green | red | red |
| EURGBP | green | red | green | red | green | red | red |
| EURJPY | buy | red | sell | green | green | green | buy |
| USDJPY | red | green | red | green | green | green | green |
| GBPUSD | green | red | sell | green | green | red | green |
| GBPJPY | green | red | sell | green | green | sell | green |

New signals will display Buy/Sell and change color.

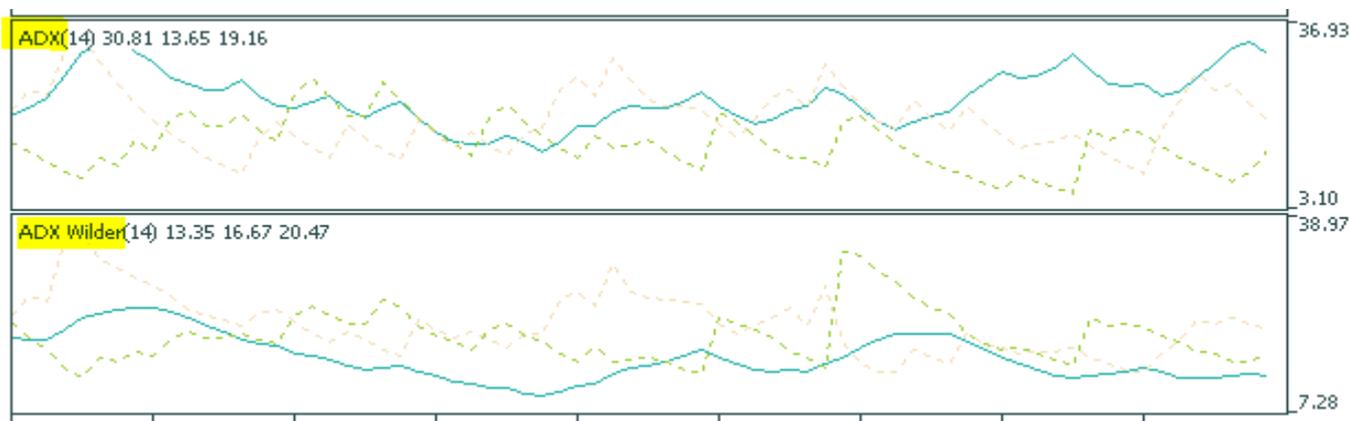
Additional, bars beyond the Buy/Sell signal in the same direction will display the trend up/down color.

Indicator: **Average Directional Index (ADX)**

Wilder version (ADXw)

Type: Oscillator

Window: Separate Chart Window



The ADX is an indicator designed to show the strength and direction of a trend.

The indicator has three lines (normal value 0-100) representing:

Positive Directional Indicator (+Di line)

Negative Directional Indicator (-Di line)

ADX line

Using the ADX is quite simple, if the ADX line is in the range 0-25 the strength of the trend is weak.

Above 25 the market is said to be trending the larger the number the greater the strength of trend.

If the +Di is greater than the -Di then the trend is positive.

If the -Di is greater than the +Di then the trend is negative.

Mega Dash will display as follows:

The screenshot shows a window titled 'Mega Dash v1.0' with a table of ADX values. The table has columns for currency pairs and rows for different timeframes. The values are color-coded: red for values between 0-25, green for values between 26-50, and blue for values between 51-100.

| Exit | ADX | ADX | ADX | ADX | ADXw | ADXw | ADXw | ADXw |
|--------|-----|-----|-----|-----|------|------|------|------|
| ALERTS | M5 | M15 | H1 | D1 | M5 | M15 | H1 | D1 |
| EURUSD | 35 | 33 | 28 | 46 | 29 | 15 | 24 | 31 |
| EURGBP | 24 | 14 | 21 | 41 | 13 | 12 | 16 | 28 |
| EURJPY | 24 | 17 | 20 | 21 | 12 | 23 | 19 | 29 |
| USDJPY | 26 | 39 | 22 | 47 | 34 | 31 | 27 | 56 |
| GBPUSD | 30 | 41 | 34 | 12 | 29 | 38 | 33 | 10 |
| GBPJPY | 26 | 16 | 20 | 25b | 12 | 23 | 20 | 36 |

The data cell will contain the ADX value.

If the ADX value is 0-25 (no trend) the cell color will be: Data Cell Background

If the ADX value is above 25 and the +Di greater than -Di the cell color will be: Bullish Trend

If the ADX value is above 25 and the -Di greater than +Di the cell color will be: Bearish Trend

Mega Dash will alert as follows:

If the ADX crosses above 25 and:

+Di > -Di the data cell will display "b" and color Bullish Signal.

-Di > +Di the data cell will display "s" and color Bearish Signal.

The Threshold level of 25 can be adjusted in the Indicator Selection process if required.

You can also consider trading above these levels on the basis of a strengthening trend.

Other indicators can be used with the ADX to get greater confirmation.

ADX Wilder (ADXw) - this essentially the same indicator created by J Wilder with a smoother profile. It should be used in the same way as the ADX.

Indicator: **Alligator (ALI)**
 Type: Trend
 Window: Main Chart Window



Alligator helps to show some of the behaviours of the market, highlighting the difference between times of no trend and times of trend. It is comprised of three MAs (Moving Averages), being smoothed using different timeframes.

The lines are compared to that of an Alligators Jaw, Teeth and Lips, with the lips being the first thing that might get you when the Alligator is hungry and so has the shortest period (fastest reaction) of the three MAs.

There are multiple states than can be seen in the alligator indicator, the most common is dormant with no trend formed. This is shown when all of the values are very close together and are often overlapping.

When a trend is forming, the fast value (the Lips – Green line) the one with the shortest period will move across the other two slower values, they in turn will then follow and will spread apart denoting the increasing trend. If the Lips moves above the other two then it potentially indicates the start of a new bullish trend and vice versa for a bearish trend.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Exit | ALI |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | W | | | | | | | |
| EURGBP | | | | W | | | | |
| EURJPY | | | | | | W | | |
| USDJPY | | | | | | | | |
| GBPUSD | | | | | | | | |
| GBPJPY | W | | | | | | | |

If fastest MA (Lips) is above the other MAs, then the cell color will be Bullish Trend.

If fastest MA (Lips) is below the other MAs, then the cell color will be Bearish Trend.

Mega Dash will alert as follows:

If the fastest MA (Lips) crosses above the remaining MAs the cell will display "W" to show the lines have just crossed and the cell will color Bullish Signal.

If the fastest MA (Lips) crosses below the remaining MAs the cell will display "W" to show the lines have just crossed and the cell will color Bearish Signal.

Indicator: **Adaptive Moving Average (AMA)**
Double Exponential Moving Average (DEMA)
Fractal Adaptive Moving Average (FAMA)
Moving Average (MA)
Variable Index Dynamic Average (VIDA)

Type: Trend

Window: Main Chart Window



These indicators all create an indicator line on the main chart to show trend.
 They all calculate differently but from a trading strategy perspective, they all alert in the same way.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|------|------|------|------|------|------|------|------|
| Exit | FAMA |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | | | | | | |
| EURGBP | | | | | | | | |
| EURJPY | | | | X | | | | |
| USDJPY | | | | | | | | X |
| GBPUSD | | | | X | | X | | |
| GBPJPY | | | | X | X | | | |

If the price is above the indicator line then the data cell will color: Bullish Trend

If price is below the indicator line then the data cell will color: Bearish Trend.

Mega Dash will alerts as follows:

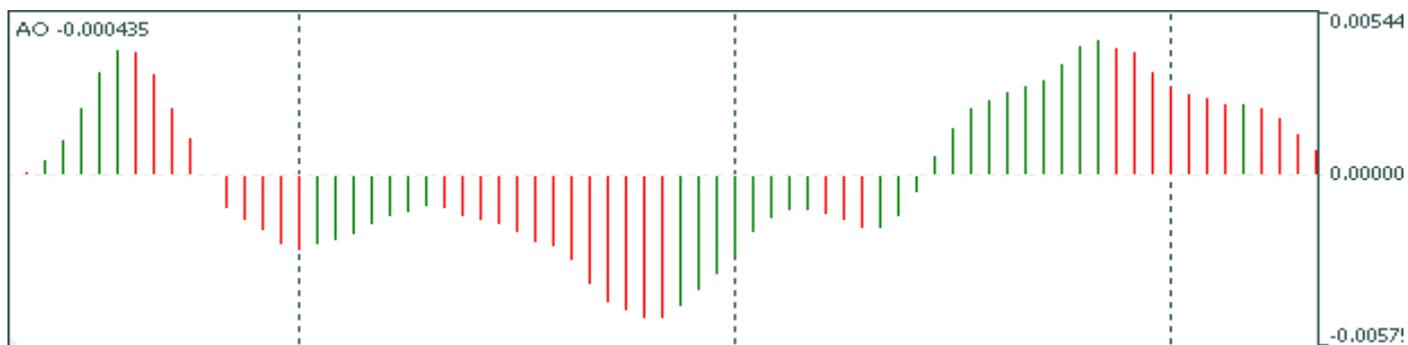
If price crosses from below to above the indicator line then the data cell shows "X" and the data cell will color: Bullish Signal.

If price crosses from above to below the indicator line then the data cell shows "X" and the data cell will color Bearish Signal.

Indicator: **Awesome Oscillator (AO)**

Type: Trend - Momentum

Window: Separate Chart Window



The Awesome Oscillator uses market momentum to show if the market is currently trending upwards or downwards by creating colored bars that oscillate around the zero level.

The color of the indicator bar denotes the comparison of the current bar to the last indicator bar, if the current bar is less than the previous then the bar will appear red to show that there has been a decrease in the AO value, and vice versa for green. There are various trading strategies that revolve around the AO indicator, Mega Dash incorporates the two more popular ones, Zero Crossover and Saucers.

Mega Dash will display as follows:

| Exit | AO | AO | AO | AO | AO | AO | AO | AO |
|--------|-----|----|-----|----|----|----|----|-----|
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | X | | | | X | |
| EURGBP | | | | | | | | X |
| EURJPY | | | | | | | | |
| USDJPY | | | | | | | | |
| GBPUSD | <-> | | | | | | | |
| GBPJPY | <-> | | | | | | | |

If the value of the AO is above Zero then the data cell will color: Bullish Trend.

If the value of the AO is below Zero then the data cell will color: Bearish Trend.

Zero Crossover Alerts

These alerts indicate the possible start of a new trend.

If the AO value crosses above the zero level, data cell shows "X" and color Bullish Signal.

If the AO value crosses below the zero level, data cell shows "X" and color: Bearish Signal.

Saucer Alerts

Saucers rely on quick changes of momentum to be its indicator of forming trends, and uses a pattern of three previous bars.

Bullish Saucer: Three bars above zero, first two Red and the latest one Green.

Data cell will show "< = >" and will color: Bullish Signal.

Bearish Saucer: Three bars below zero, first two Green and the latest one Red.

Data cell will show "< = >" and will color: Bearish Signal.

Indicator: **Bollinger Bands (BB)**

Type: Trend

Window: Main Chart Window



Bollinger Bands consist of a central Moving Average line and followed by a line either side. The side lines are set a distance equal to two standard deviations. You can adjust the number of standard deviations in Mega Dash.

The bands will contain the market price 90% of the time and will get wider apart as the market show more volatility.

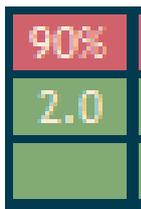
When price is above the central line, the closer it gets to the top of the BB the price should be considered more expensive and vice versa below the central line.

So, for a trader these upper and lower bands can offer support and resistance for trades but do not automatically generate buy/sell signals, BB are normally used alongside other indicators to provide a timing of entries.

Mega Dash has developed a unique BB display to enable you to see at a glance where prices are in relation to the Bollinger bands and will display as follows:

| Mega Dash v1.0 | | | | | | | |
|----------------|------|------|------|------|-----|------|------|
| Exit | BB | BB | BB | BB | BB | BB | BB |
| ALERTS | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| DAX | 145% | 89% | 89% | 90% | 86% | 108% | 110% |
| | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| S&P | 60% | 128% | 100% | 125% | 59% | 79% | 100% |
| | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| DOW | 49% | 92% | 87% | 48% | 48% | 105% | 110% |
| | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |

Each data cell contains 3 parts which represent the three bands.



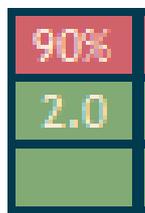
The middle cell shows the standard deviations that has been selected.

If the price is above the band then the cell will show color: Bullish Trend (green in the above example)
This just means the price is above the band not that it is bullish.

If the price is below the band then the cell will show color: Bearish Trend (red in the above example)
This just means the price is above the band not that it is bearish.

If price is above the central line then the top cell will also show the % price has travelled from the central line and the bottom cell if price is below the line.

So in this example you can quickly see that:



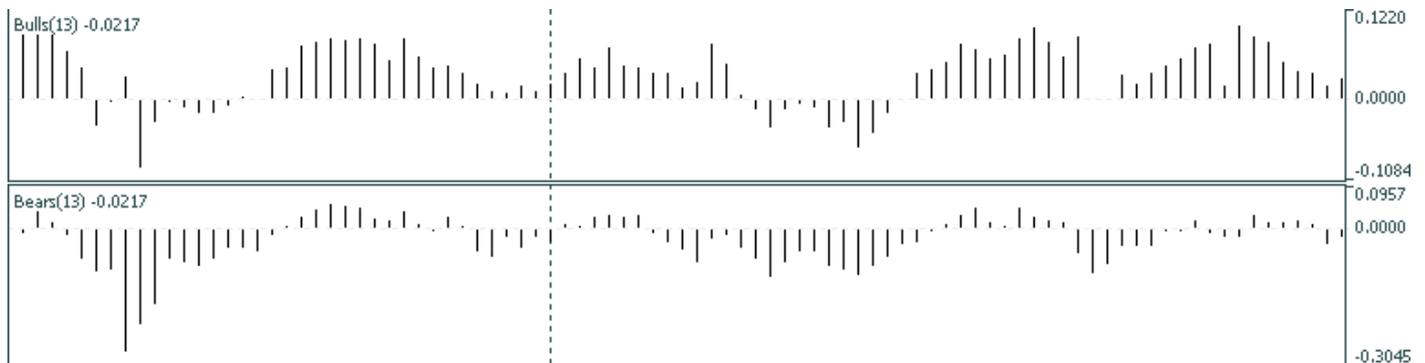
- Price is above central band and 90% between central and upper BB, so almost at the top BB.
- Price is above the central band and BB are set to 2.0 standard deviations.
- Price is above the bottom band

Indicator: **Bears Power (Bear)**

Bulls Power (Bull)

Type: Oscillator

Window: Separate Chart Window



Bears and Bulls Power are two separate indicators that oscillate around zero and measure the directional pressure exerted over the market by each of the forces. The Bears Power indicator measures how strongly the market is driving towards lower prices, conversely the Bulls Power indicator is measuring how strongly the market is driving towards higher prices.

Mega Dash will display

| Mega Dash v1.0 | | | | | | | | |
|----------------|------|------|------|------|------|------|------|------|
| Exit | Bear | Bear | Bear | Bear | Bull | Bull | Bull | Bull |
| ALERTS | M5 | M15 | H1 | D1 | M5 | M15 | H1 | D1 |
| EURUSD | | | | | X | | | |
| EURGBP | | | | | | X | | |
| EURJPY | | | | X | | X | | |
| USDJPY | | | | | | X | | |
| GBPUSD | X | | | | | | X | |
| GBPJPY | | | | | | | | |

If the value of the Bear or Bull is be below zero the data cell will color: Bearish Trend.

If the value of the Bear or Bull is be above zero the data cell will color: Bullish Trend

Mega Dash will alert as follows:

If the value cross from below to above zero: data cell shows "X" color: Bullish Signal

If the value cross from above to below zero: data cell shows "X" color: Bearish Signal

These indicators should be used together and not individually.

Indicator: **Commodity Channel Index (CCI)**

Type: Oscillator

Window: Separate Chart Window



CCI was developed to spot long term trend changes and can be used on all markets and not just commodities as the name suggests. The indicator produces values that oscillate around zero and has two thresholds at +100 / -100 (these can be adjusted in Mega Dash if required).

There are plenty of trading strategies for the CCI indicator but the most common is that values above 100 represent a bull trend and a buy signal and below -100 a bear trend and sell signal. The signal is generated as the indicator crosses the thresholds.

Mega Dash will display as follows:

| Exit | CCI | CCI | CCI | CCI | CCI | CCI | CCI | CCI |
|--------|-------|------|-------|-------|-------|------|------|-------|
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | -80 | -160 | -93 | -55 | 33 | -87 | -159 | 53 |
| EURGBP | -118 | -140 | -309 | -115x | -104x | -123 | -90 | -133x |
| EURJPY | -110x | -158 | -182x | 50 | 60 | 100x | 83 | 137 |
| USDJPY | -29 | -133 | -162 | 60 | 47 | 153 | 135 | 110x |
| GBPUSD | 62 | 85 | 204 | -27 | 41 | -21 | 14 | 129 |
| GBPJPY | 94 | 90 | 218 | 68 | 64 | 138 | 86 | 201 |

The data cell always shows the CCI value.

If CCI value is > +100 the data cell will color: Bullish Trend

If CCI value is < -100 the data cell will color: Bearish Trend

Mega Dash will alert as follows:

If the CCI value crosses above the +100 level data cell shows "x" and will color: Bullish Signal

If the CCI value crosses below the -100 level data cell shows "x" and will color: Bearish Signal

Indicator: **Chaikin Oscillator (CHO)**

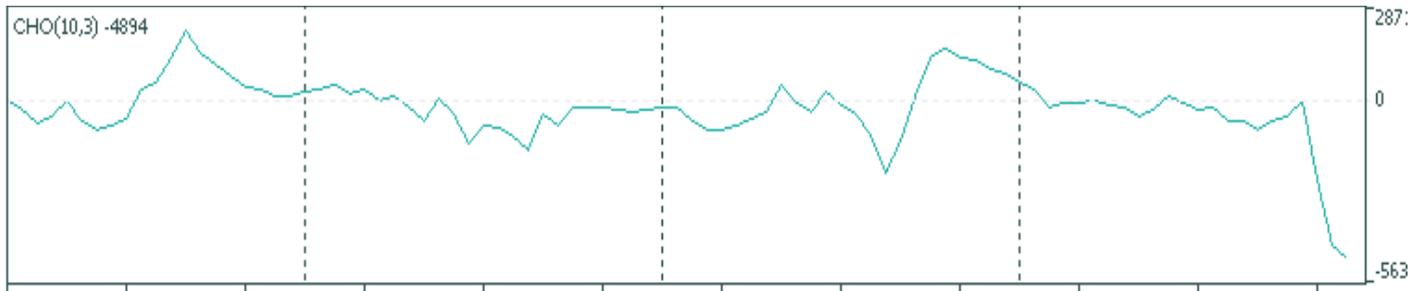
Force Index (FOR)

Moving Average of Oscillator (OsMA)

Triple Exponential Moving Averages Oscillator (TriX)

Type: Oscillator

Window: Separate Chart Window



These four indicators all oscillate around a zero and although different in calculations, all are treated in the same way for signalling. Above zero is considered Bullish and Below Zero Bearish.

These indicators are normally used alongside other indicators.

Mega Dash will display as follows:

| Exit | CHO |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | | | | | | X |
| EURGBP | | | | | | | | |
| EURJPY | | | | | | | | |
| USDJPY | | | | X | | | | |
| GBPUSD | X | X | X | | | X | | |
| GBPJPY | | | | | | | | |

If the value of the indicator is > 0 the data cell will color: Bullish Trend

If the value of the indicator is < 0 the data cell will color: Bearish Trend

Mega Dash will alert as follows:

If the value crosses above zero the data cell shows "X" and colors: Bullish Signal.

If the value crosses below zero the data cell shows "X" and colors: Bearish Signal.

Indicator: **DeMarker (DMrk)**
 Type: Oscillator
 Window: Separate Chart Window



The DeMarker indicator oscillates between the values of 0 and 1.

It gets its values from the highest and lowest prices of the current time period and compares them to values obtained from the last period.

The DeMarker has two thresholds at 0.30 and 0.70 (these can be adjusted in Mega Dash).

If the price is above 0.70 it is considered to be Overbought and a move below 0.70 can be considered a Bearish signal.

If the price is below 0.30 it is considered to be Oversold and a move above 0.30 can be considered a Bullish signal.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|------|------|------|------|------|------|------|------|
| Exit | DMrk |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | .42 | .30 | .57 | .30 | .67x | .33x | .25 | .69x |
| EURGBP | .31 | .24 | .24 | .45 | .48 | .28 | .14 | .68 |
| EURJPY | .3 | .21 | .31 | .57 | .67 | .52 | .74 | .63 |
| USDJPY | .33x | .27 | .23 | .56 | .42 | .76 | .83 | .46 |
| GBPUSD | .68 | .64 | .72 | .34x | .58 | .49 | .57x | .50 |
| GBPJPY | .69 | .70 | .52 | .44 | .68x | .56 | .78 | .49 |

The data cell will always show the DeMarker value.

If the value is above 0.70 the data cell will color: Bullish Trend and be considered overbought.

If the value is below 0.30 the data cell will color: Bearish Trend and be considered oversold.

Mega Dash will alert as follows:

If the value crosses above 0.30 the data cell shows "x" and colors: Bullish Signal.

If the value crosses below 0.70 the data cell shows "x" and colors: Bearish Signal.

Indicator: **MA x-Trend**

Type: Trend

Window: Main Chart Window



Moving averages are common feature for traders and they often use the cross over of different moving averages to signal change in trends trading opportunities.

The MA x-Trend indicator created by Paul Anscombe provides two moving averages with full control over the periods, applied price and smoothing for each moving average.

This allows users to create more or less trade opportunities based upon their chosen settings.

The indicator will alert as follows:

Fast MA cross above the Slow MA: status will change to bullish and the cross over alert will be triggered.

Fast MA cross below the Slow MA: status will change to bearish and the cross over alert will be triggered.

If the Fast MA is above the Slow MA but turns down (current reading less than last reading) the bullish status will revert to neutral and the dashboard will show no color.

If the Fast MA is below the Slow MA but turns up (current reading greater than last reading) the bearish status will revert to neutral and the dashboard will show no color.

The dashboard will show:

Green for bullish / Red for bearish / An 'x' for a crossover / No color for neutral.

Tip: When using larger timeframes make sure that your terminal has enough Symbol data for the indicator to work otherwise the dashboard will not be able to load the indicator.

For example, if you choose a 100 period Monthly moving average you must have available 100 bars of monthly data for each Symbol on the dashboard.

Indicator: **Money Flow Index (MFI)**

Type: Momentum Oscillator

Window: Separate Chart Window



The MFI uses both price and volume to identify overbought and oversold conditions, and oscillates between 0 and 100.

If the MFI is > 80 it is considered overbought (some traders prefer 90, it can be adjusted in Mega Dash) and a move below this level should be considered bearish.

If the MFI is < 20 it is considered oversold (some traders prefer 10, it can be adjusted in Mega Dash) and a move above this level should be considered bullish.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Exit | MFI |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | 41 | 35 | 66 | 32 | 71 | 28 | 41 | 66 |
| Ger30- | 73x | 73 | 78 | 74 | 80 | 62 | 66 | 82 |
| Usa500 | 50 | 85 | 67 | 94 | 53 | 38 | 61 | 71 |
| UsaInd | 35 | 83 | 43 | 70 | 44 | 67 | 61 | 75 |
| UK100- | 91 | 68 | 83 | 68 | 39 | 45 | 53 | 57 |
| GOLD-s | 61 | 56 | 53 | 73 | 72 | 45 | 31 | 54 |
| UsaTec | 39 | 79x | 74 | 77 | 89 | 50 | 51 | 63 |
| UsaRus | 43 | 80 | 41 | 80 | 92 | 22x | 56 | |
| EURGBP | 35 | 41 | 30 | 22 | 22 | 33 | 12 | 48 |

The data cell will always display the MFI value.

If the MFI > 80 the data cell will color: Bullish Trend and be considered overbought

If the MFI < 20 the data cell will color: Bearish Trend and be considered oversold

Mega Dash will alert as follows:

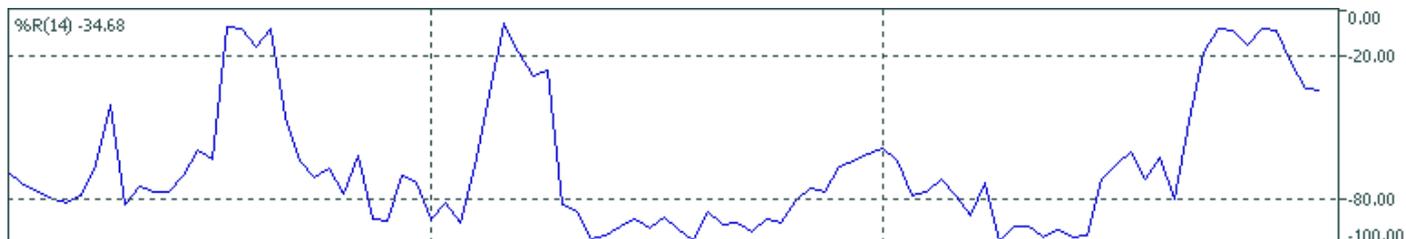
If the MFI crosses below 80 the data cell shows "x" and will color: Bearish Signal.

If the MFI crosses above 20 the data cell shows "x" and will color: Bullish Signal.

Indicator: **Williams Percent Range (WPR)**

Type: Momentum Oscillator

Window: Separate Chart Window



The WPR compares the closing price to the high low range of the previous periods to identify overbought and oversold conditions, and oscillates between 0 and -100.

If the WPR is > -20 it is considered overbought (level can be adjusted in Mega Dash) and a move below this level should be considered bearish.

If the WPR is < -80 it is considered oversold (level can be adjusted in Mega Dash) and a move above this level should be considered bullish.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | | |
|----------------|------|-----|-----|-----|------|------|------|------|-----|
| Exit | WPR | WPR | WPR | WPR | WPR | WPR | WPR | WPR | WPR |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 | |
| EURUSD | -43 | -64 | -64 | -69 | -34 | -76x | -95 | -36x | |
| EURGBP | -77x | -90 | -90 | -93 | -67 | -88 | -98 | -82 | |
| EURJPY | -60 | -81 | -79 | -63 | -23x | -20 | -24x | -5 | |
| CADCHF | -31x | -47 | -51 | -71 | -76 | -16 | -5 | -2 | |
| CADJPY | -12 | -62 | -41 | -54 | -43 | -6 | -12 | -1 | |
| CHFJPY | -46x | -57 | -58 | -65 | -38 | -37 | -70 | -15 | |
| GBPUSD | -15 | -16 | -15 | -37 | -29x | -52 | -43 | -16 | |

The data cell will always display the WPR value.

If the WPR > -20 the data cell will color: Bullish Trend and be considered overbought

If the WPR < -80 the data cell will color: Bearish Trend and be considered oversold

Mega Dash will alert as follows:

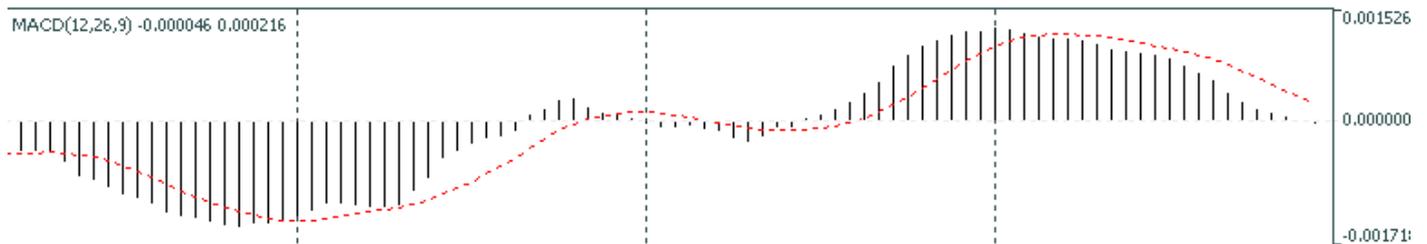
If the WPR crosses below -20 the data cell shows "x" and will color: Bearish Signal.

If the WPR crosses above -80 the data cell shows "x" and will color: Bullish Signal.

Indicator: **Moving Average Convergence Divergence (MACD)**

Type: Momentum Trend Following

Window: Separate Chart Window



The MACD is an extremely popular indicator and has two values that oscillate around zero, the Main Line (histogram) and the Signal Line (Red Line).

When the Main Line crosses above the Signal Line or the Zero level it generates bullish signals.

When the Main Line crosses below the Signal Line or the Zero level it generates bearish signals.

Mega Dash will display as follows:



Mega Dash will alert as follows:

If the Main crosses above zero level the data cell shows "X" and will color: Bullish Signal.

If the Main crosses below zero level the data cell shows "X" and will color: Bearish Signal.

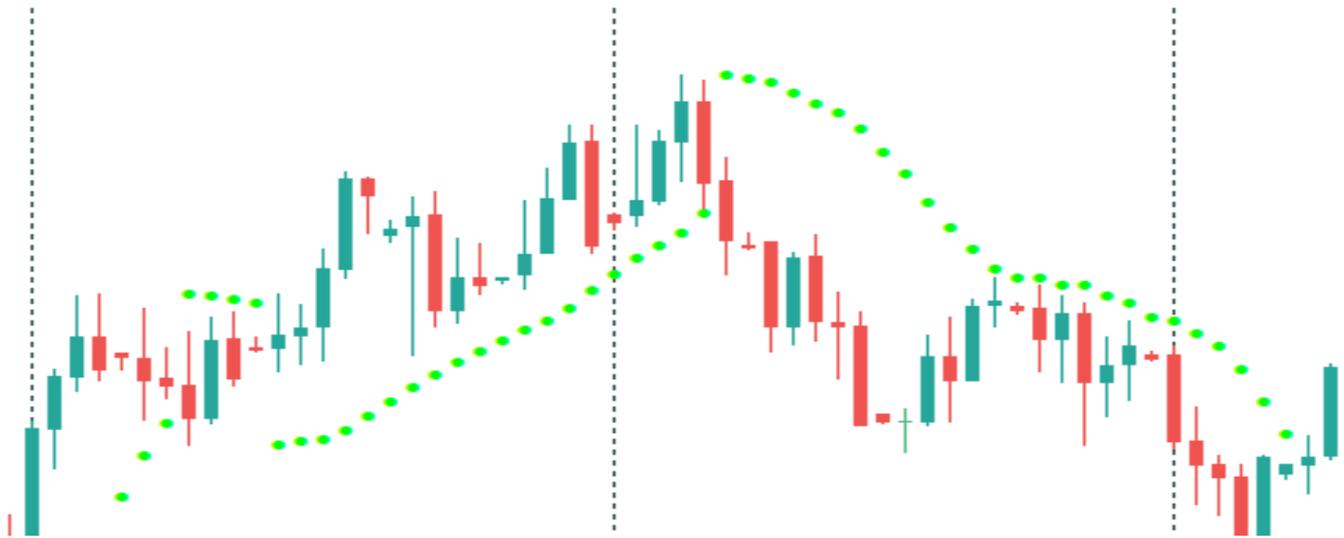
If the Main crosses above the Signal Line the data cell shows "buy" and will color: Bullish Signal.

If the Main crosses below the Signal Line the data cell shows "sell" and will color: Bearish Signal.

Indicator: **Parabolic Stop And Reverse (SAR)**

Type: Trend

Window: Main Chart Window



The PSAR is designed as trend following but to identify stop and reverse (exit and entry) points.

It appears as a series of dots above or below the bars on a chart.

A reversal is when the price and the indicator cross, IE: the price was above the PSAR but is now below and vice versa.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Exit | SAR |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | | | | | | |
| EURGBP | | | | X | | | | X |
| EURJPY | X | | | | | | | |
| CADCHF | | X | | | | | | |
| CADJPY | | | | | | | | |
| CHFJPY | | | | | | | X | |
| GBPUSD | | | | X | | | X | |

If the value of the PSAR is below the chart price the data cell colors: Bullish Trend

If the value of the PSAR is above the chart price the data cell colors: Bullish Trend

Mega Dash will alert as follows:

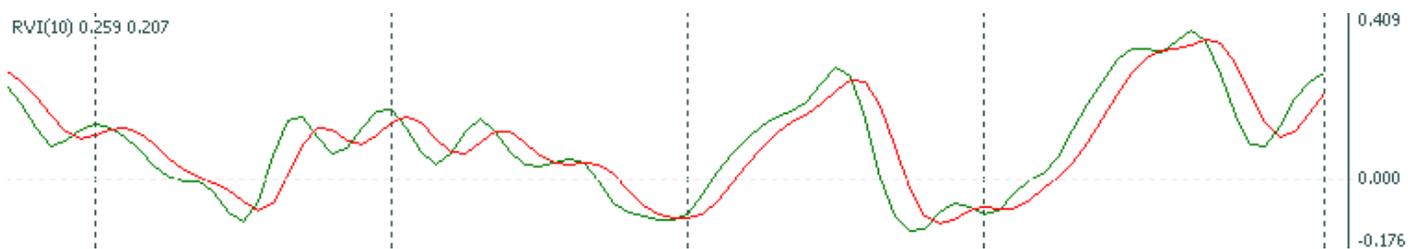
If the value of the PSAR crosses from above to below the symbol price the data cell shows "X" and will color: Bullish Signal. This is potentially the start of a new trend.

If the value of the PSAR crosses from below to above the symbol price the data cell shows "X" and will color: Bearish Signal. This is potentially the start of a new trend.

Indicator: **Relative Vigor Index (RVI)**

Type: Trend Strength

Window: Separate Chart Window



The RVI oscillator shows the relative strength of a change in the market price, to provide an indication of the strength of a trend. There are two lines the RVI and the Signal Line.

The simplest method of trading the RVI is to pay attention to when the lines cross over each other especially if the RVI is at maximum or minimum levels, as this is an indication that the market trend maybe shifting. The RVI is considered an early warning for trend reversal.

One way to filter the RVI signals is to only consider bullish crossovers if the RVI is below zero and bearish if RVI is above zero.

Mega Dash will display as follows:

| Exit | RVI | RVI | RVI | RVI | RVI | RVI | RVI | RVI |
|--------|------|-----|-----|-----|-----|-----|-----|-----|
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | | | | | | | | |
| EURGBP | | | | | | | | |
| EURJPY | | | W | | | | | |
| USDJPY | sell | | | | | | | |
| GBPUSD | | | | | | buy | | |
| GBPJPY | | | | | | | | |

If the value of RVI > Signal Line the data cell will color: Bullish Trend

If the value of RVI < Signal Line the data cell will color: Bearish Trend

Mega Dash will alert as follows:

Minor Signal

If the RVI > 0 and crosses above Signal Line the data cell shows "W" and will color: Bullish Signal.

If the RVI < 0 and crosses below Signal Line the data cell shows "W" and will color: Bearish Signal.

Strong Signal

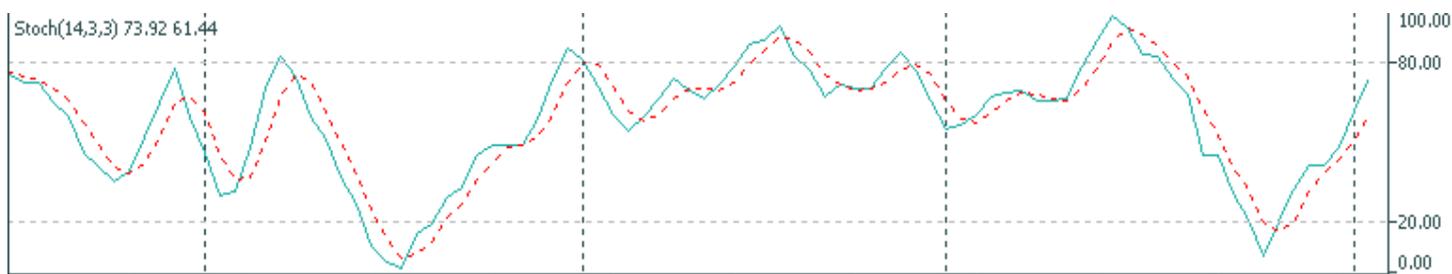
If the RVI < 0 and crosses above Signal Line the data cell shows "buy" and will color: Bullish Signal.

If the RVI > 0 and crosses below Signal Line the data cell shows "sell" and will color: Bearish Signal.

Indicator: **Stochastic (Stoc)**

Type: Momentum

Window: Separate Chart Window



The Stochastic oscillator is a momentum oscillator that compares the closing price to the range of prices of a period of time. It consists of two lines the Stochastic and a Signal Line and it oscillates between 0 and 100

A value > 80 it is considered overbought (level can be adjusted in Mega Dash) and a move below this level should be considered bearish.

A value < 20 it is considered oversold (level can be adjusted in Mega Dash) and a move above this level should be considered bullish.

The Stochastic crossing the Signal line can also be considered bullish and bearish although consideration should be given to the value of the Stochastic at the time.

Mega Dash will display as follows:

| Mega Dash v1.0 | | | | | | | | |
|----------------|------|------|------|------|------|------|------|------|
| Exit | Stoc |
| ALERTS | M1 | M5 | M15 | H1 | H4 | D1 | W1 | MN1 |
| EURUSD | 57 | 36w | 62 | 33 | 78x | 12w | 13 | 78x |
| EURGBP | 25 | 16 | 22 | 16 | 39 | 11 | 5 | 31 |
| EURJPY | | | | 48w | | | | |
| USDJPY | 19w | 13 | 35 | 78x | 43w | 90w | 96 | 56 |
| GBPUUSD | 62 | 69 | 76 | 40w | 81 | 34w | 64 | 90w |
| GBPJPY | 62 | 67w | 75 | 61w | 77x | 89 | 92w | 92 |

The Stochastic value will be displayed in the data cell.

Stochastic > 80 the data cell will color: Bullish Trend and should be considered overbought.

Stochastic < 20 the data cell will color: Bearish Trend and should be considered oversold.

Mega Dash will alert as follows:

If the Stochastic crosses below 80 the data cell shows "x" and will color: Bearish Signal.

If the Stochastic crosses above 20 the data cell shows "x" and will color: Bullish Signal.

If the Stochastic crosses below the Signal the data cell shows "w" and will color: Bearish Signal.

If the Stochastic crosses above the Signal the data cell shows "w" and will color: Bullish Signal.