

## Near MA - Version 1.0

### **Description:**

The Near MA (Moving Average) indicator allows you to see the relationship between a stock, ETF, etc. and a moving average. Near MA can be used in RadarScreen®, Chart Analysis and the Scanner. The user can configure the length of the moving average, can pick between either a simple moving average or an exponential moving average, and configure the maximum percentage difference between the equity and the moving average.

### **Inputs :**

**length:** The number of bars that will be used to determine the average. The default is set to 34.

**maType:** The type of moving average that will be used. When set to '1' a simple moving average is used and when set to '2' an exponential moving average is used. The default is '1' for simple moving average.

**windowPercent:** This defines the maximum percentage distance away from the moving average that you will be notified about. This input sets a window above and below the moving average and everything within that window will be indicated. The default is '2' to create a 2% window.

### **Important Notes:**

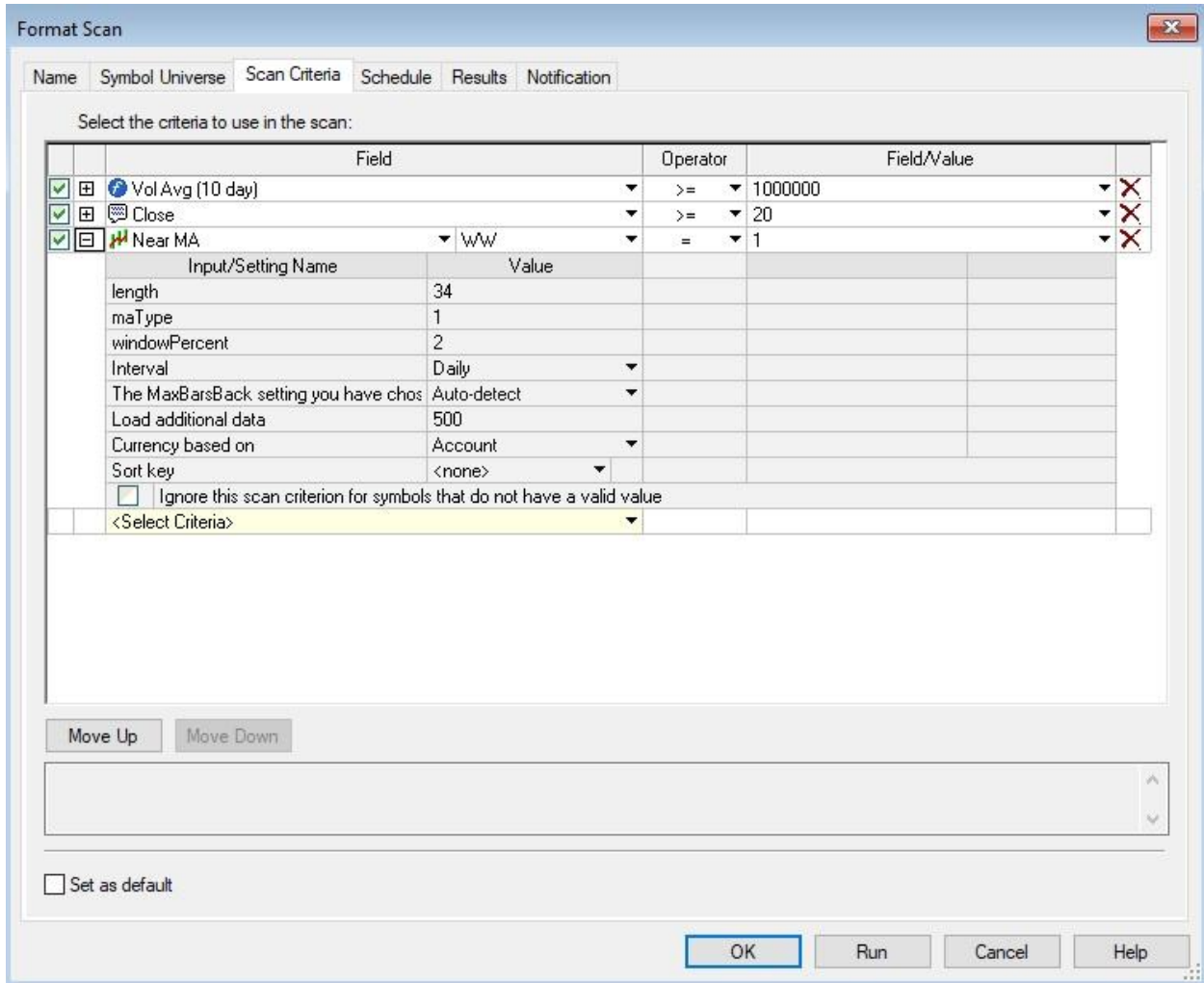
- Near MA will work on any time frame.
- Near MA work in RadarScreen®, the Chart Analysis window, and the Scanner.
- The output value is 'WW' for **W**ithin **W**indow. If the output value is 1, the equity is within the defined window percentage. Else, the value will be 0.

### **Uses:**

- The primary use is the have a way to scan for equities that are close to a defined moving average.
- Alerts can be set to be notified when an equity gets close to the desired moving average.

### Setting Up a Scan:

The picture below shows how to setup a simple scan to look for stocks that are within 2% of a 34 simple moving average. (Note, this scan also filters based on daily volume and closing price):



**Chart Display:**



**Radars Screen Display:**

	Symbol	Interval	Last	Net Chg	Net %Chg	Near MA
1	AAPL	Daily	158.66	-1.22	-0.76%	1.00
2	TSLA	Daily	386.49	6.68	1.76%	0.00
3	NFLX	Daily	183.54	1.19	0.65%	0.00
4	AMZN	Daily	977.87	-8.92	-0.90%	1.00
5	GOOGL	Daily	928.26	-7.03	-0.75%	1.00
6	BA	Daily	252.96	3.96	1.59%	0.00
7	GS	Daily	228.44	3.22	1.43%	1.00
8	JPM	Daily	92.98	1.36	1.48%	1.00
9	MSFT	Daily	75.25	-0.06	-0.08%	0.00
10	SPY	Daily	249.37	0.18	0.07%	1.00
11	FXE(HB)	Daily	115.22	-0.17	-0.15%	1.00
12						

**Contact Info:**

If you have any questions or suggestions I would very much like to hear from you.

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