

Data Sheet for Triple Moving Average Crossover System (JFX Series - product uses Java interface for controlling parameters)



Product Description

The FX AlgoTrader Triple Moving Average Crossover System for MetaTrader MT4 provides a highly configurable twin or triple moving average crossover alert system for traders with a requirement to monitor price action in relation to custom moving averages. The system is a hybrid tool which uses a JavaFX interface for controlling the underlying MT4 based indicator.

The key benefits of the system are the inclusion of a third moving average which allows traders to filter out rangebound market conditions where moving average crossover signals do not tend to perform well. By using a longer terms moving average for MA3 the system will naturally only provide crossover signals in trend based situations.

Installation

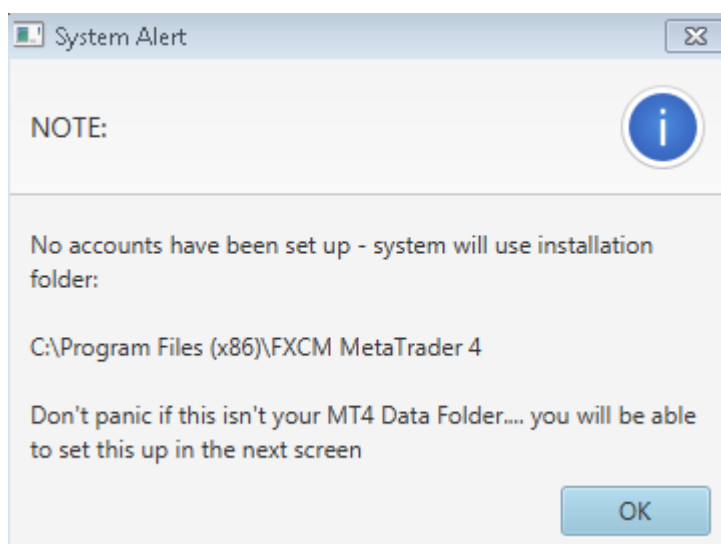
Installation instructions for all FX AlgoTrader JFX products are available [here](#)

Program Launch and Deployment

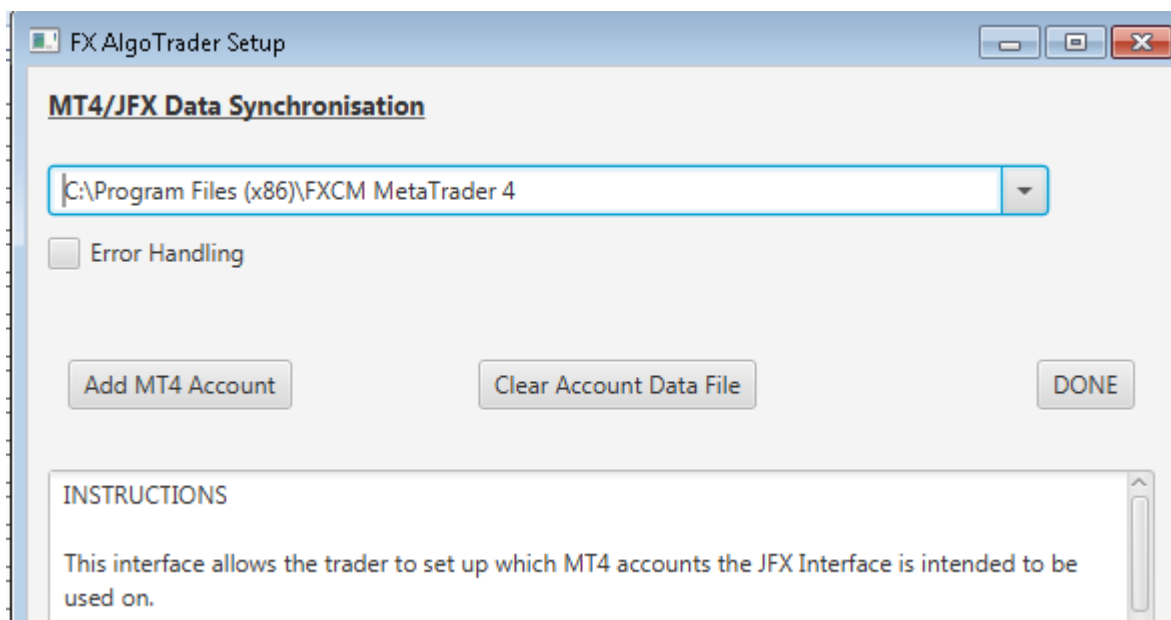
To deploy the system the trader should load the indicator called 'FXA – Triple MA Crossover Alert JFX' onto every chart they wish to have MA Crossover Alert functionality.

The trader then needs to launch the Java interface by double clicking the file called 'FXA_JFX_Interface.jar' which is in the MT4 Data Folder.

If this is the first time the system has been run the trader will see the interface shown in the screenshot below. By default the system uses the installation folder. The MT4/JFX synchronisation is simply a method of telling the Java program where the MT4 Data Folder resides on the machine.



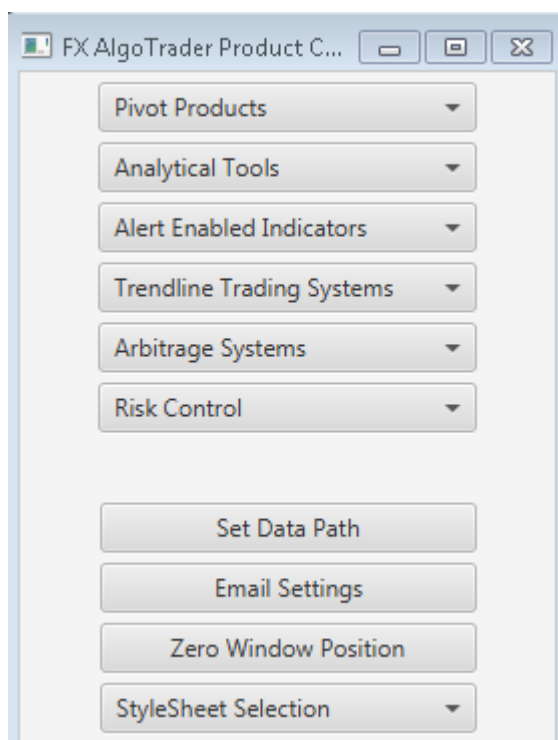
When the trader clicks the 'OK' button the MT4/JFX Data Synchronization screen will now appear (as shown below). If the trader is happy with the synchronisation data they can click the 'DONE' button to launch the Product Catalogue.



Product Usage and Licensing

The system can be used with an unlimited number of MetaTrader MT4 applications.

To use the system with another/new MetaTrader instance click the "Set Data Path" button in the Product Catalogue (screenshot below)



The JavaFX Interface

FX AlgoTrader Twin/Triple MA Crossover
FXA FX AlgoTrader

Selected Chart EURUSD- [130372680851465839]

MA Settings

	Period	Method	Applied Price
MA 1	<input type="text" value="5"/>	SMA ▾	Close ▾
MA 2	<input type="text" value="10"/>	SMA ▾	Close ▾
MA 3	<input type="text" value="20"/>	SMA ▾	Close ▾

Styling

	Colours	Styles	Widths
MA 1	 ▾	Solid ▾	1 ▾
MA 2	 ▾	Solid ▾	1 ▾
MA 3	 ▾	Solid ▾	1 ▾
X Up Colour	 ▾	X Up Code	<input type="text" value="233"/>
X Down Colour	 ▾	X Down Code	<input type="text" value="234"/>
	X Code Table	X Code Size	1 ▾

Alert Control

Alert System	<input type="button" value="Enabled"/>	Email Alerts	<input type="button" value="Disabled"/>
Max Alerts	<input type="text" value="1"/> ▾	Crossover Mode	<input type="button" value="Printed"/>
Alert Interval (m)	<input type="text" value="60"/> ▾	Alert Sound	<input type="button" value="Select"/>
<input type="button" value="Alert_History"/>		Push Alerts	<input type="button" value="Not Set"/>

Sound File

Profile Controls

Signal Generation

The system generates crossover alerts when the moving averages are 'stacked'... for example if you used the following moving average settings:-

MA1 – 10 Period SMA (SMA means simple moving average)

MA2 – 20 Period SMA

MA3 – 100 Period SMA

Long signals (buy) would be generated when MA1 crossed up above MA2 AND MA1 is greater than MA2 and MA2 is also greater than MA3.

Short Signals (sell) would be generated when MA1 crossed down below MA2 AND MA1 is less than MA2 and MA2 is also less than MA3.

Running in twin or triple moving average crossover mode

The system can be run in twin or triple MA crossover modes... to run the system in a traditional twin MA crossover mode simply set MA3 (in the MA Parameters Section) to zero. If a value greater than zero is detected in the MA3 moving average parameter field the system will run in triple MA crossover mode.

NOTE (For Triple Crossover Mode users) Ensure $MA3 > MA2 > MA1$... in other words MA3 must be larger than MA2 which also must be larger than MA1.

Changing the Way Arrows are Displayed

The trader can control the styles for both the cross up and cross down arrows using 'Winding' codes. The table below shows the available codes.

32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47	
48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63	
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Crossover Mode

The system has two crossover modes which are:-

Touch – where MA1 and MA2 momentarily touch and produce a 'touch' based crossover alert

Printed - where MA1 physically prints higher or lower on the chart at the close of the current bar/candle. Printed crossovers will always be displayed on the previous bar/candle compared to current price action.

Alert Interval (m)

This parameter sets the minimum time in minutes between each alert. We suggest setting this parameter to match the chart period.

Chart Period	Suggested Alert Interval	Chart Period	Suggested Alert Interval
M1	1	H4	240
M5	5	D1	1440
M15	15	W1	10080
M30	30	MN1	40320
H1	60		

Alert Sound

The system can play any wav file located on the local machine providing the user has access rights location where the wav file is stored.

Normally standard MT4 indicators and EAs can only access sound files stored in the MT4 sounds folder, however the alert sound playback in FX AlgoTrader products uses Java so the user isn't restricted by the standard MT4 sound playback limitations.

Alert History

The Alert History button in the interface allows the trader to view all previous alerts generated by any FX AlgoTrader JFX product. The standard pop-up alert indicator in MetaTrader MT4 does not retain any alert history so the trader cannot retrospectively view alerts generated in the past.

With FX AlgoTrader JFX enabled tools the trader can review all previously generated alerts at the click of a button. The alert history form layout can also be changed to suit the traders display requirements.

The Alert History file holds up to 500 alerts.. So if the trader would like to clear this file they can do so by clicking the 'Clear History' button in the Alert History interface.

Profile Control

One of the unique features with the JFX Series tools is the ability to have profiles for specific timeframes for the same asset! This means a trader can have a profile for H1 charts and a different profile for Daily charts for the same asset....

Alternatively, if the trader wants to use the same profile across all the chart timeframes for the specific asset he/she can use the 'Copy Profile to all Timeframes' option which ripples the profile to all the chart timeframes in one click.

Email Alerts

This product uses the MT4 Email settings which are available by clicking 'Tools/Options' and then clicking the Email tab in MT4. The trader must input the SMTP email settings for their email provider.

Push Notifications

Push notifications are available when the Push Alerts button is selected. Traders will need to configure MT4 to send push notifications to their chosen device.

Auto Trade Module (Optional add on)

For traders looking to automate their trade signals triggered from the Triple Moving Average Crossover system we have an optional auto trade module which automatically executes trades and allows the trader to control Stop Loss, Take Profit, Minimum Order Intervals, Maximum Orders, Maximum Risk etc.

The screenshot shows the 'FX AlgoTrader Triple MA Crossover with AutoTrading' settings window. It is divided into several sections:

- Selected Chart:** EURUSD- [130372680851465839]
- Trading Options:** Auto Trading, Hedging, Opposite Cross Exit, Stop to Breakeven, Close Friday.
- Trade Parameters:**
 - Lots: 0.1
 - Stop Loss: 20
 - Take Profit: 20
 - Max Orders: 1
 - Minimum Order Interval (mins): 60
 - Max Risk: 2
 - Trailing Stop: 0
- MA Settings:**

	Period	Method	Applied Price
MA 1	5	SMA	Close
MA 2	10	SMA	Close
MA 3	20	SMA	Close
MA2 Delta Threshold	0.0		
MA3 Delta Threshold	0.0		
- Styling:** Colours, Styles, Widths.

Pricing

Triple MA Crossover System

 Triple Moving Average Crossover Alert System	Perpetual License (One Time Fee) with free Technical Support Licensing Details	£32.95 GBP	Add to Cart
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Triple MA Crossover System with AutoTrading

 Triple MA Crossover A/T	Perpetual License (One Time Fee) with free Technical Support Licensing Details	£99.95 GBP	Add to Cart
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