



27 Austin Friars
London EC2N 2QP
FSA Registration Number: 540244

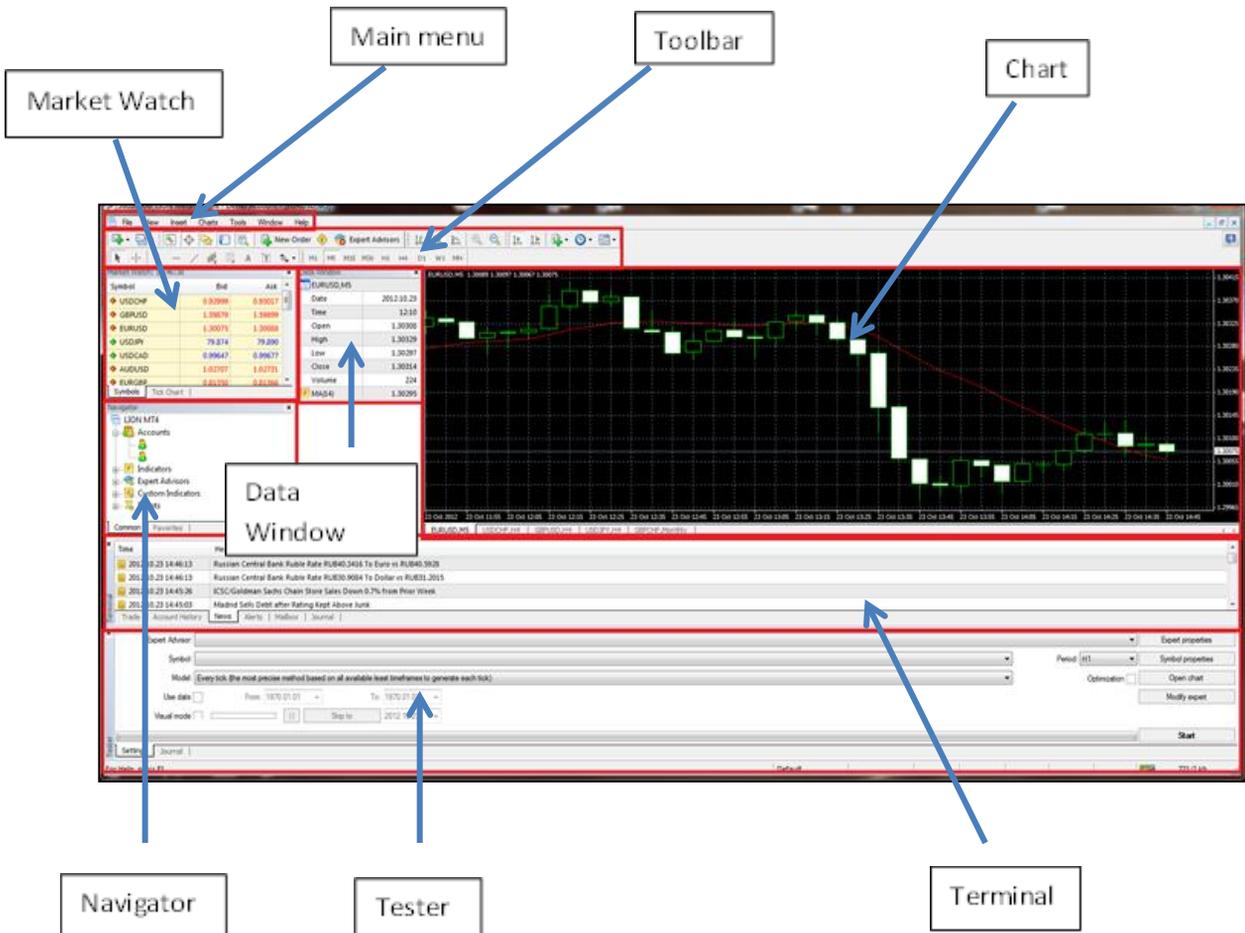
LION METATRADER 4 (MT4)

User Guide

Table of Contents

1. Platform Interface	3
2. Main Menu	4
3. Toolbars	4
4. Standard Toolbar	5
5. Chart Toolbar	6
6. Line Studies Toolbar	7
7. Periodic Toolbar	7
8. Market Watch	8
9. Navigator	9
10. Data Window	9
11. Terminal Trade	10
12. Terminal Account History	10
13. Terminal Alerts	11
14. Terminal Mailbox	11
15. Terminal Experts	11
16. Terminal Journal	12
17. Placing a Market Order Manually	13
18. Closing a Trade Manually	16
19. Placing a Pending Order	17
20. Stop Loss Order	19
21. Take Profit Order	19
22. Trailing Stop Order	20
23. LION MT4 Configuration	21
24. Auto Trading	24
25. Expert Advisors	Creation 25
	Setup 26
	Launch 27

Platform Interface



Standard Toolbar (Toolbars)



Create a new symbol in the chart window



Menu used to manage profiles



Open/close the "Market Watch" window



Open/close "Data" window



Open/close the "Navigator" window



Open/close the "Terminal" window



Open/close the "Tester" window



Place a new order



Launch MetaEditor



Enable experts

Chart Toolbar(Toolbars)



The sequence of bars



The sequence of candlesticks



A broken line connecting the bar close prices



Zoom In/Zoom out



Auto scroll: If this option is enabled, the chart will be automatically scrolled to its end part



Chart Shift: Shifts the latest bar from the right screen border to the chart shift mark



Impose indicators into a chart



Sub menu to manage chart periods



The menu that manages templates

Line Studies Toolbar(Toolbars)



-  Cursor
-  Crosshair
-  Draw a Vertical Line
-  Draw a Horizontal Line
-  Draw a Trendline
-  Draw an Equidistant Channel
-  Draw the Fibonacci Retracement lines
-  Text (When the chart is scrolled, the text will move together with it.)
-  Text label (When the chart is scrolled, the text label does not move.)
-  Arrows

Periodic Toolbar(Toolbars)



Switch time frames of a chart

Market Watch

Market Watch: 12:49:41

Symbol	Bid	Ask
EURUSD...	1.29251	1.29266
GBPUSD...	1.60029	1.60046
USDJPY...	81.844	81.856
AUDCHF...	0.97341	0.97381
AUDUSD...	1.04549	1.04564
AUDJPY...	85.568	85.589
CADCHF...	0.93700	0.93760
CADJPY...	82.370	82.405
CHFJPY_...	87.886	87.920
EURAUD...	1.23611	1.23643
EURCAD...	1.28387	1.28444
EURCHF...	1.20353	1.20376
EURGBP...	0.80760	0.80775
EURJPY...	105.786	105.805
EURNZD...	1.57239	1.57343

Symbols | Tick Chart



Symbol: Displays the name of the FX pair

Bid: Selling Price

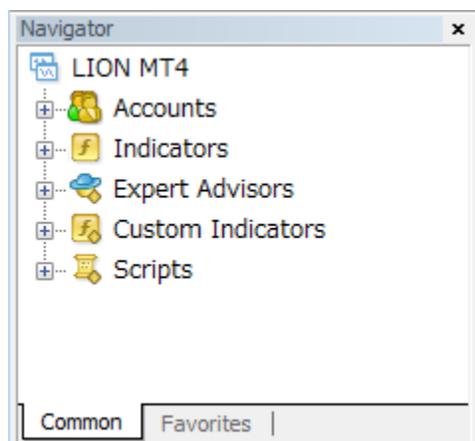
Ask: Buying Price

Tick Chart: Open the tick chart of the symbol selected

The Market Watch window displays instruments and their prices sent from the server. The window can be opened using the  button in the Standard Toolbar.

Right-clicking on this window allows you to place market and pending orders and open charts.

Navigator



This window allows to get a quick access to various features of the terminal. This window can be opened/closed by pressing accelerating keys of Ctrl+N, by the "View — Navigator" menu command, or by pressing  of the "Standard" toolbar.

Accounts: The list of open accounts

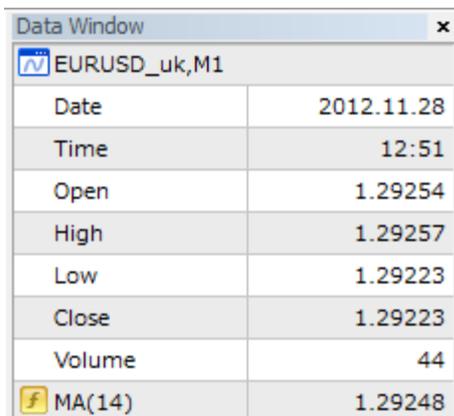
Indicators: The list of built-in technical indicators

Expert Advisors: The list of all available expert advisors

Custom Indicators: The list of all available custom indicators

Scripts: The list of available scripts

Data Window



Data Window	
EURUSD_uk,M1	
Date	2012.11.28
Time	12:51
Open	1.29254
High	1.29257
Low	1.29223
Close	1.29223
Volume	44
MA(14)	1.29248

The Data Window displays price information (Open, High, Low, Close), timeframes and indicators.

Terminal: Trade

Order /	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Comm...	Swap	Profit
Balance: 100 000.00 Equity: 100 000.00 Free margin: 100 000.00											0.00
Trade Account History Alerts Mailbox Signals Journal											
Default											966/1 kb

The Trade tab contain information about the current status of open and pending orders and allows the trader to manage trading activities

Order: A unique ticket number for the operation

Time: Time of position opening

Type: Type of trade operation. Buy, Sell, Sell Stop, Sell Limit, Buy Stop, and Buy Limit.

Size: The amount of lots in the trade. The minimum size is 0.01 (1,000 units)

Symbol: Displays the name of the FX pair being traded.

Price: Price at which the position was opened

S/L: The placed Stop Loss order level

T/P: The placed Take Profit order level

Price: The current price of the security

Commission: Any Commissions charged will be listed here

Swap: Charges for the Swap (if any)

Profit: This is your open position(s) profit and loss using current prices.

Terminal: Account History

Order /	Time	Type	Size	Symbol	Price	S / L	T / P	Time	Price	Swap	Profit
53	2012.11.28 12:32	balance								Deposit	100 000.00
54	2012.11.28 13:46	buy	0.04	eurusd...	1.29026	0.00000	0.00000	2012.11.28 13:47	1.29016	0.00	-0.25
Trade Account History Alerts Mailbox Signals Journal											

Order: A unique ticket number for the operation

Time: Time of position opening

Type: Type of the trade operation. It can appear as Buy, Sell, Sell Stop, Sell Limit, Buy Stop, and Buy Limit

Size: The amount of lots in the trade. The minimum size is 0.01 (1000 units)

Symbol: Displays the name of the security participating in the trade operation

Price: Price at which the position was opened

S/L: The placed Stop Loss order level

T/P: The placed Take Profit order level

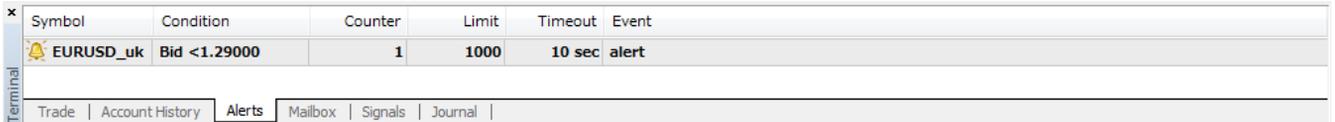
Time: Time when position was closed

Price: The price when the position was closed

Swap: Charges for the Swap (if any)

Profit: Comments on trade operations

Terminal: Alerts



Symbol	Condition	Counter	Limit	Timeout	Event
EURUSD_uk	Bid <1.29000	1	1000	10 sec	alert

The Alerts tab allows users to set and view alerts.
Right-clicking on this terminal will enable you to create alerts.

Symbol: The FX pair on which the check for the condition is specified

Condition: Condition under which the alert will trigger

Counter: The amount of iterations the alert will play before expiring

Limit: Maximum permissible amount of the alert triggering

Timeout: The period of time between alert iterations

Event: The action to be performed once alert is triggered

Terminal: Mailbox



Time	From	Headline
2011.01.01 12:00	Hirose Financial UK Ltd.	What Is Automated Trading?
2011.01.01 12:00	Hirose Financial UK Ltd.	Mobile Trading - It's Easy!
2011.01.01 12:00	Hirose Financial UK Ltd.	Welcome!

The Mailbox tab allows Users to access email and can be stored in this area

Time: The time of the news incoming

From: The sender name

Headline: The headline of the message

Terminal: Experts



Time	Message
2012.10.16 10:39:37	MACD Sample EURJPY,H1 inputs: TakeProfit=50; Lots=0.1; TrailingStop=30; MACDOpenLevel=3; MACDCloseLevel=2; MATrendPeriod=26;
2012.10.16 10:39:37	MACD Sample EURJPY,H1: loaded successfully

The Experts tab contains the entire information about the attached expert, including opening/closing of positions, modifying of orders, the expert's own messages, etc.

Terminal: Journal

The Journal tab contains information about operations and events that have occurred during the current session, and represented as text files

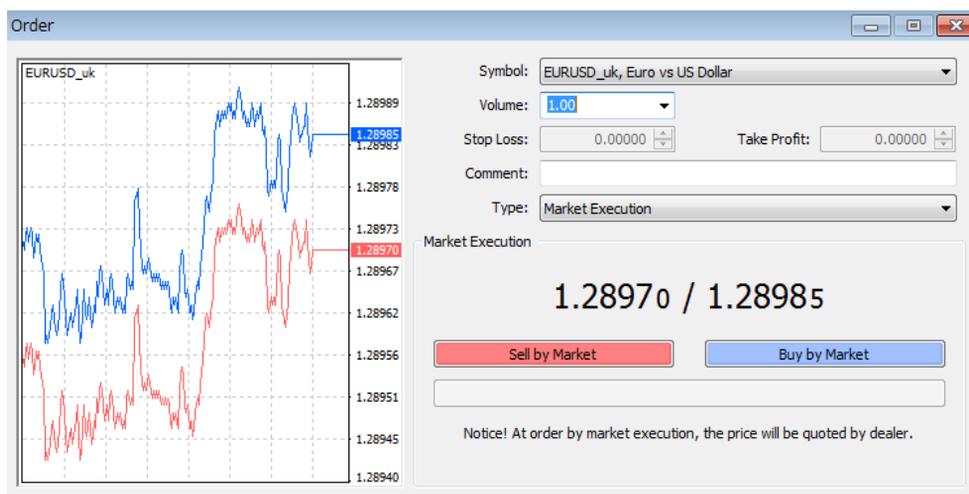


The screenshot shows a terminal window with a 'Terminal' title bar and a 'Journal' tab selected. The terminal content is a table with two columns: 'Time' and 'Message'. The table contains three rows of log entries. The 'Journal' tab is highlighted with a blue border, and other tabs like 'Trade', 'Account History', 'Alerts', 'Mailbox', and 'Experts' are visible but not selected.

Time	Message
2012.10.16 11:06:06	'726559': previous successful authorization performed from 58.247.6.226
2012.10.16 11:05:09	'726559': login
2012.10.16 10:39:41	'726559': previous successful authorization performed from 58.247.6.226

Placing a Market Order Manually

A market order is an instruction to execute a buy or sell order at the current price. This can be achieved by using the **Order** window



A confirmation of the successful trade will appear.

Symbol: The FX pair for which the position is to be opened

Volume: The trade volume (amount of lots).

0.01 = 1000k trade (Micro Lot)

0.1 = 10,000k trade (Mini Lot)

1.0 = 100,000k trade (Standard Lot)

10 = 1,000,000k trade

Stop Loss: The Stop Loss level (optional)

Take profit: The Take Profit level (optional)

Comment: A comment. The comment length may not exceed 25 characters

Sell by Market: Sell by Market

Buy by Market: Buy by Market

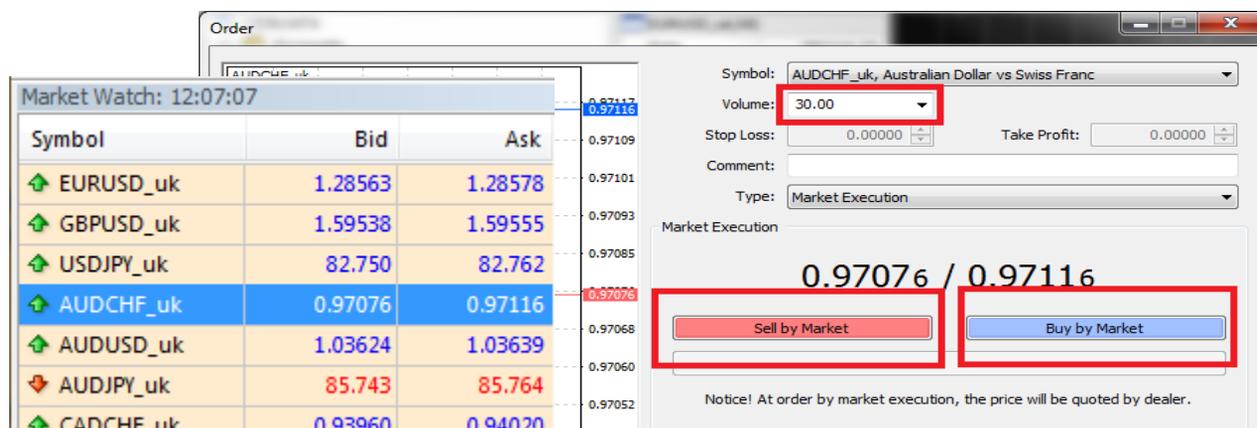
There 2 basic ways to open the **Order** window.

1. **Double left click** on a FX pair in the **Market Watch** window.

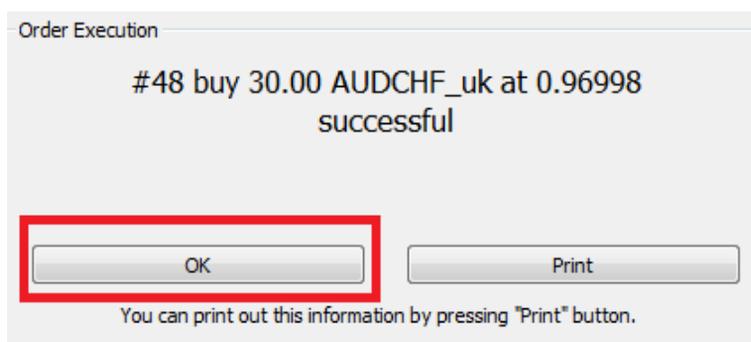
The Order window will appear with the pre-populated instrument you chose.

Determine the size of the Order in the **Volume** field.

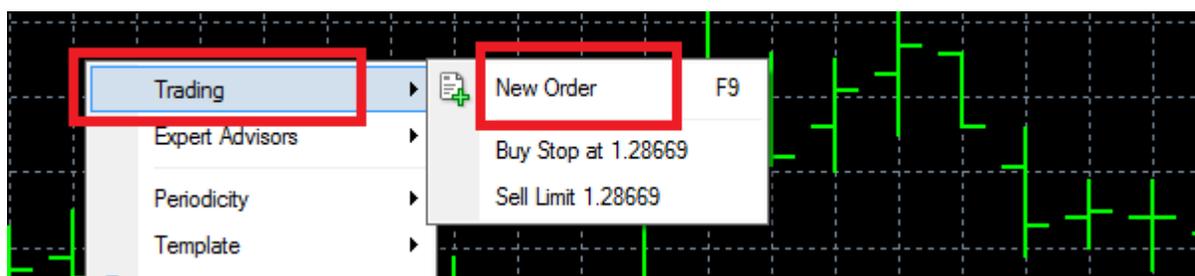
Click **Sell by Market** or **Buy by Market** for instant execution.



A confirmation window will appear. Click **OK**

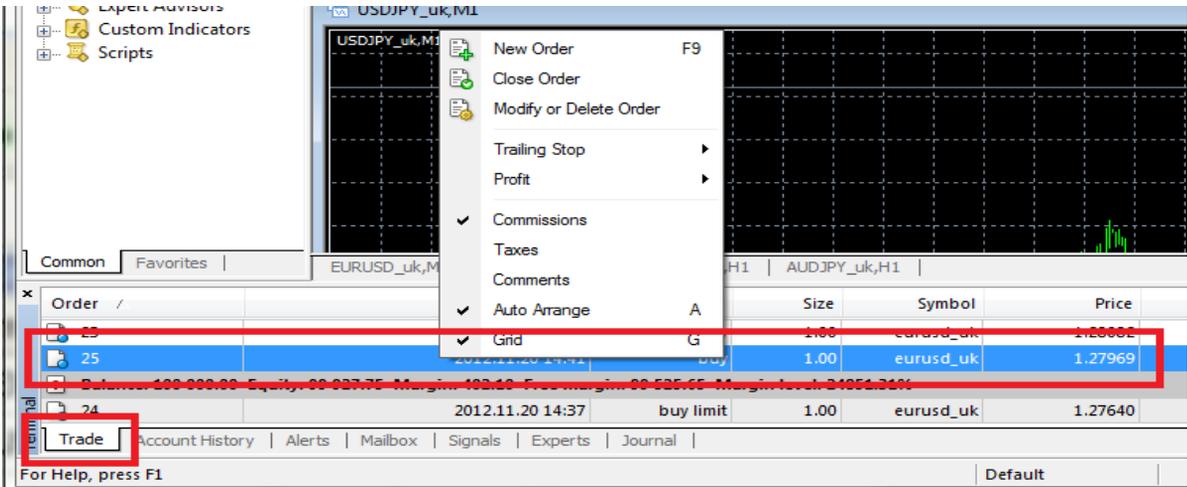


2. Another way to open the Order window is to **right click** on a chart, select **Trading** then **New Order** and follow instructions as above.



Closing a Trade Manually

To manually close an open trade or modify orders users can click the **Trade** tab on the **Terminal** window (default is bottom left of platform).

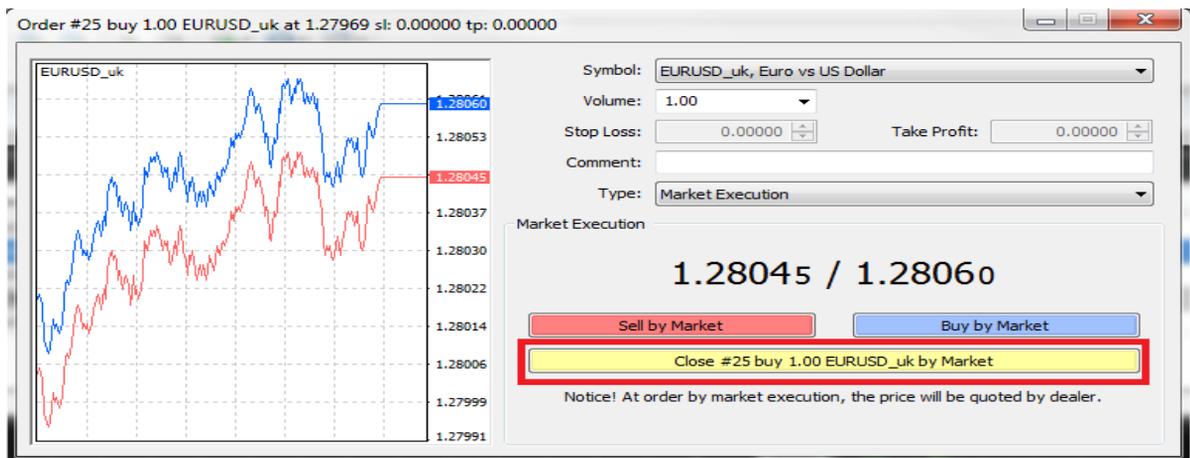


Highlight the open position (or order) and right click.

A menu will appear with options to close or modify the position.

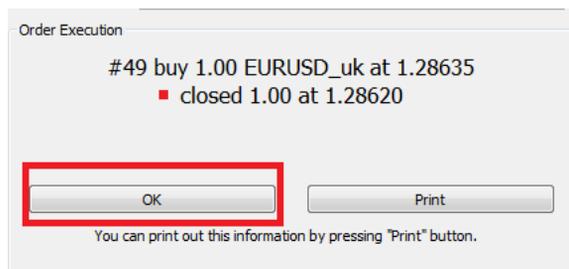
Click **Close Order** and a window appears (see below) that will allow you to close the position.

Click the Close button

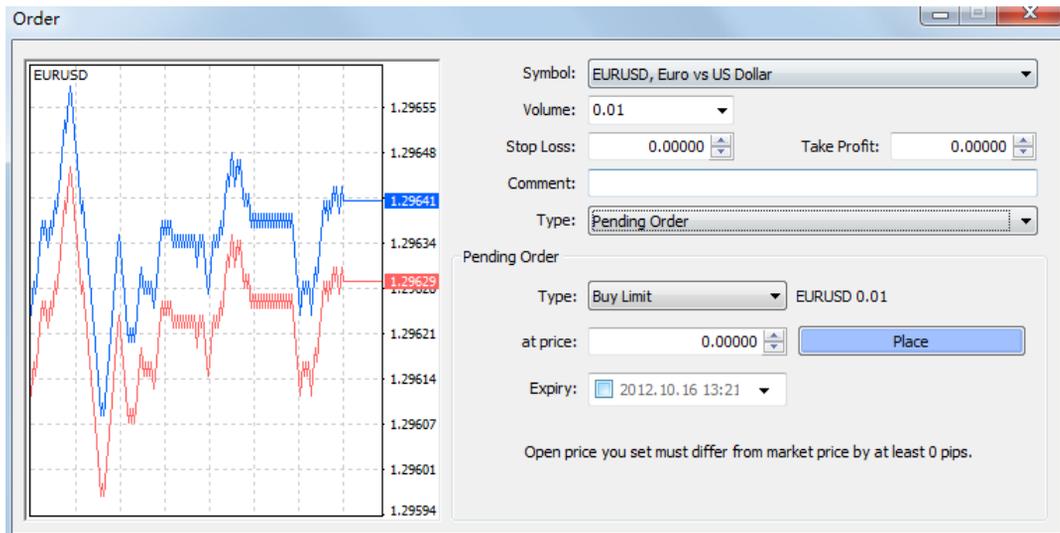


A confirmation window will appear

Click OK



Placing a Pending Order



Symbol: The FX pair for which the position is to be opened

Volume: The trade volume (amount of lots)

Stop Loss: The Stop Loss level (optional)

Take profit: The Take Profit level (optional)

Comment: A comment. The comment length may not exceed 25 characters

Type: A type of pending order: Buy Limit, Buy Stop, Sell Limit, or Sell Stop

At price: The price level at which the order must trigger

Expiry: The expiry time of the order. If the order has not triggered by this time, it will expire automatically

Place: Send the order

Buy Limit: Buy provided the future "ASK" price is equal to the pre-defined value. The current price level is higher than the value of the placed order.

Buy Stop: Buy provided the future "ASK" price is equal to the pre-defined value. The current price level is lower than the value of the placed order.

Sell Limit: Sell provided the future "BID" price is equal to the pre-defined value. The current price level is lower than the value of the placed order.

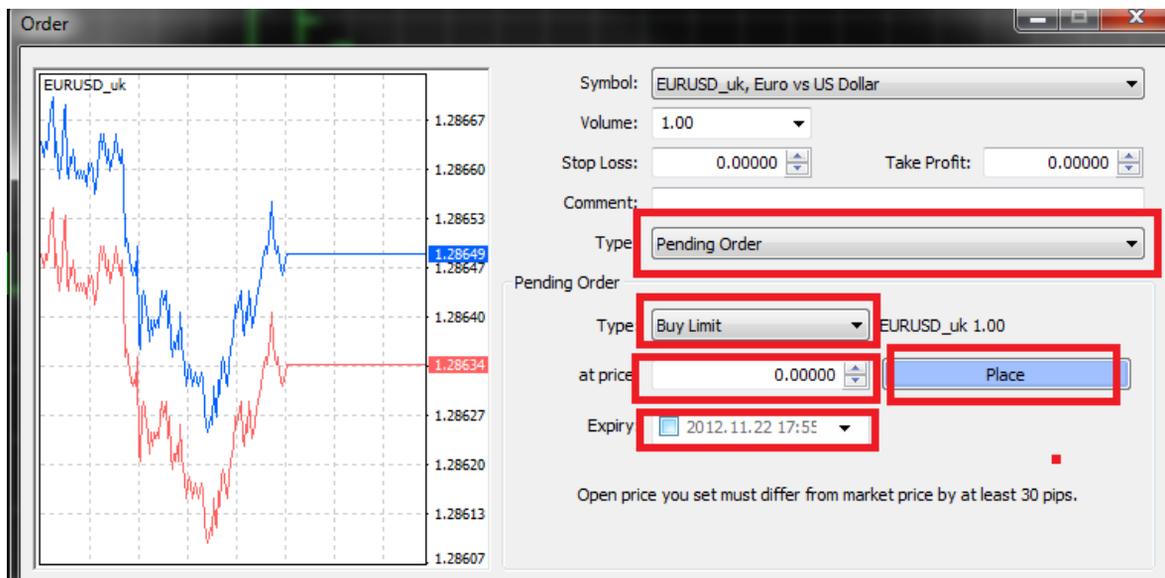
Sell Stop: Sell provided the future "BID" price is equal to the pre-defined value. The current price level is higher than the value of the placed order.



↑ – present market state

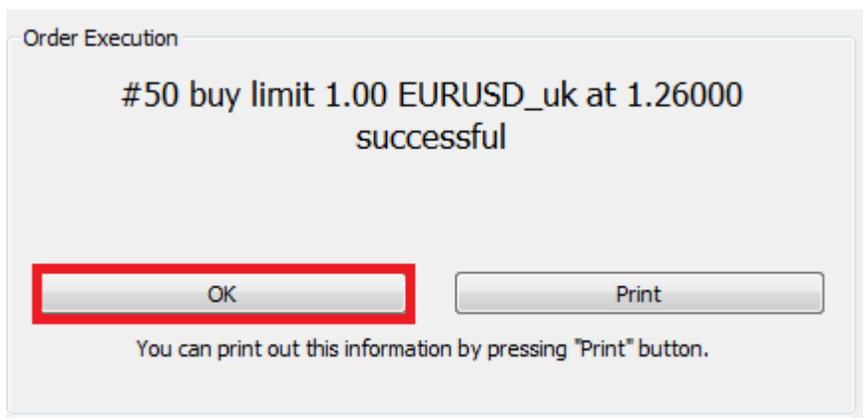
↑ – forecast

Right click on a chart
Click Trading the New Order
The order Window will appear



Change **Type** to **Pending Order**
An array of Pending Order fields will appear
Enter the Type of order – **Limit** or **Stop**
Enter the **Price**
Enter the **expiration date and time**
Click **Place**

A confirmation will appear. Click **OK**.
You can the view the order in the **Terminal Trade** tab



Stop Loss Order

An Order to close an open position at a price less favourable than the current price when placing the order.

A Stop Loss Order will be executed when the price reaches a predetermined level and will close a position automatically. MT4 checks long positions with the BID price and checks short positions with the ASK price to execute this type of order.

Take Profit Order

An Order to close a position at a price more favourable than the current price when placing the order.

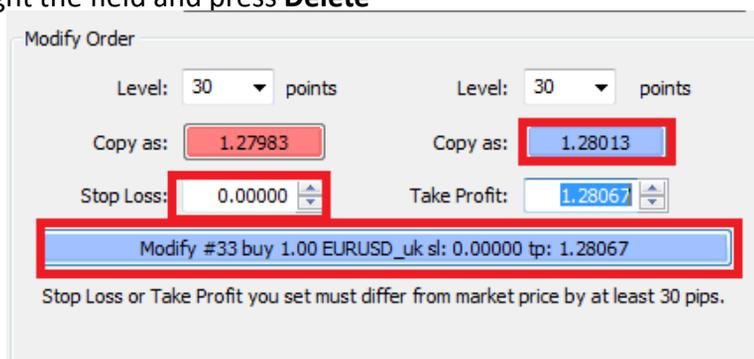
A Take Profit Order will be executed when the price reaches a predetermined level and will close a position automatically. MT4 checks long positions with the BID price and checks short positions with the ASK price to execute this type of order.

To activate **Stop Loss** and **Take Profit** orders, first **right** click on the open position (context menu of the **Trade** tab of the Terminal window), then select 'Modify or Delete Order'



You can copy in fields by pressing the red or blue buttons, then click 'Modify #XXXXX'

To delete the Stop Loss or Take Profit Order specify the level to equal zero and click **Modify #XXXX** or highlight the field and press **Delete**

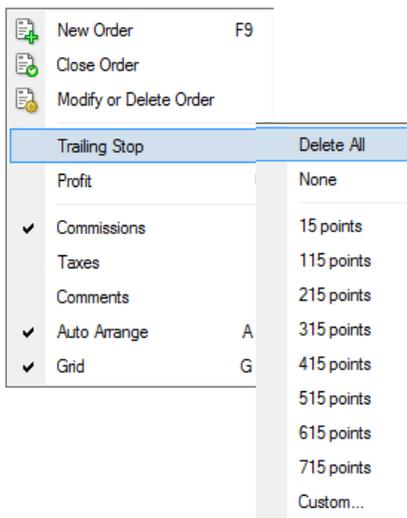


Trailing Stop Orders

A Trailing Stop Order can be created to sit a certain distance away from the current market and moves as the market fluctuates in your favour.

To place a Trailing Stop Order **right click** on the open position (in the **Trade** tab of the Terminal window), then select **Trailing Stop** and determine the number of Points (1 pip is equivalent to 10 Points).

The order will only activate when the current position is in profit equivalent to the predefined order distance.

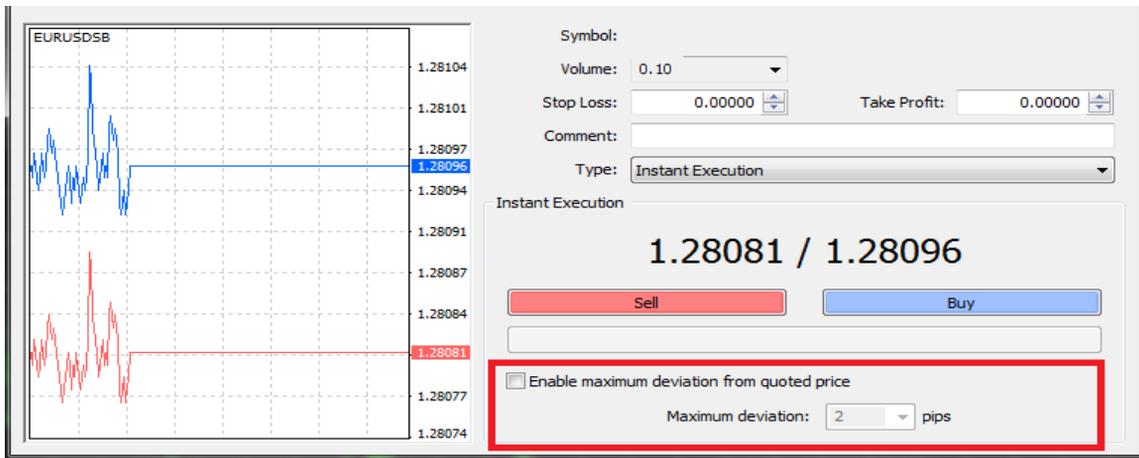


Note: The Order will NOT be placed until the market has moved in your favour and will then show in the S/L box. Trailing Stop Orders will only be active while the User is **logged into LION MT4** as they work in the client terminal, not in the server (like Stop Loss and Take Profit Orders).

LION MT4 Configuration

Because LION MT4 has been set up for No Dealing Desk execution there are certain functions of the Order windows that behave in a slightly different manner than other setups.

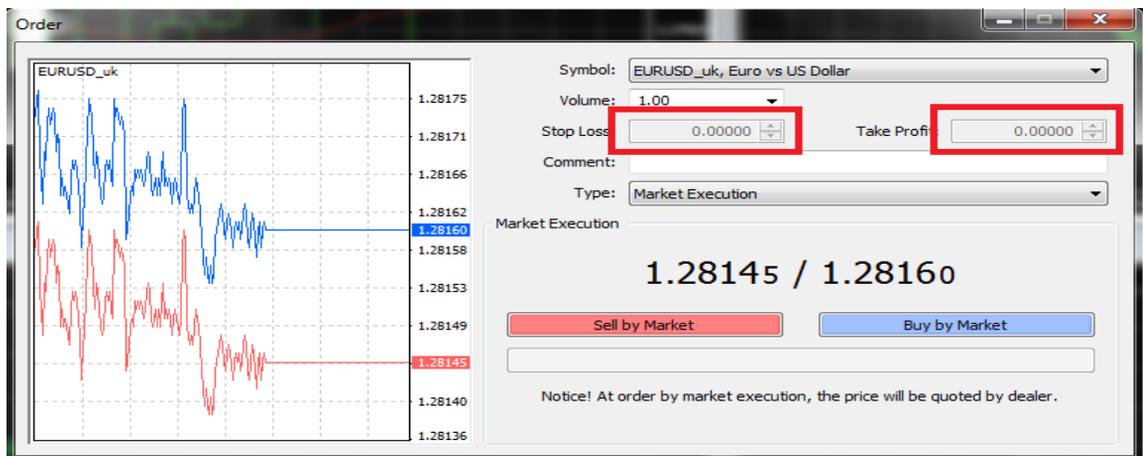
Maximum Deviation



There is no Maximum Deviation option as orders become market orders.

Stop and Limit Orders

It is not possible to place Stop Loss and Take profit orders **before** executing a market order. You will notice in the image below that the Stop Loss and Take Profit fields have been greyed out.



Fractional Pricing

The LION MT4 platform has fractional pricing. This is due to many currency pairs having an extra decimal place in the quoted price. For instance EUR/USD will be quoted out to 5 decimal places e.g. **1.27543** (where the '3' is the fractional pip known as a 'point').

A point value of 10 is equivalent to 1 pip

A point value of 50 is equivalent to 5 pips

Type: **Modify Order**

Modify Order

Level: **200** points

Level: 30 points

Copy as: 1.27970

Copy as: 1.28170

Stop Loss: 1.27970

Take Profit: 0.00000

Modify #34 buy 1.00 EURUSD_uk sl: 1.27970 tp: 0.00000

If you modify an order using the Level then, for example, 200 points is equivalent to 20 pips.

Partial Fills

It is not possible to partially close positions with MT4. Any open trades will be filled in their entirety or not at all. To circumvent this you may want to open multiple positions rather than one position for the full amount. This will allow you to add Stops and Limit orders for those specific trades.

Margin Calls

Our MT4 Margin call policy is to close all open positions simultaneously if the Margin Level reaches 100%

Order	Time	Ty
40	2012.11.21 19:28	
41	2012.11.21 19:28	
Balance: 99 944.71 Equity: 97 723.49 Margin: 42 245.21 Free margin: 55 478.28 Margin level: 231.32%		

Terminal

Trade | Account History | News | Alerts | Mailbox | Signals | Experts | Journal

Virtual Private Servers (VPS)

A Virtual Private Server (VPS) allows you to manage your LION MT4 24 hours a day even when your own PC is switched off. A VPS is similar to a separate computer system within your own computer system. The VPS will allow your trades to be executed even if your own PC shuts off or crashes.

Time Zone

LION MT4 time zone is GMT +2 (please note changes when clocks change).

Auto Trading

Users of LION MT4 are able to develop and use mechanical trading systems (MTS, Expert Advisors). The development environment allows for the creation, debugging and testing of these EAs. EAs not only recommend trading signals but can manage online trading activities.

MetaQuotes Language 4 (MQL4), MetaEditor and strategy testing tools are built into the terminal. These tools allow Users to create:

Expert Advisors: mechanical trading systems that allows automation of analytical and trading activities.

Custom Indicators: Independently written technical indicators intended for analysing changes in price.

Scripts: programs to be executed only once, on request.

MetaQuotes Language 4 (MQL4)

MQL4 is the programming language for building trading strategies in the client terminal. Indicators, scripts and DLLs can also be created in MQL4. The language is similar to C.

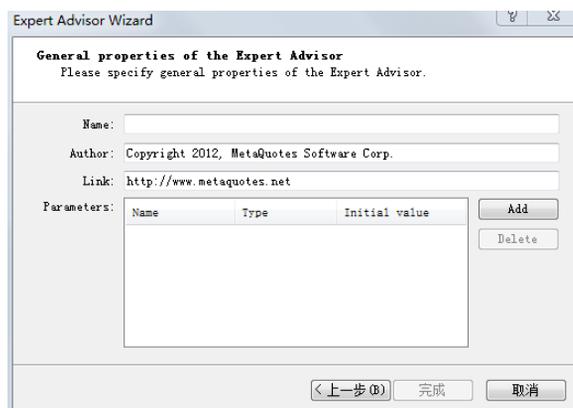
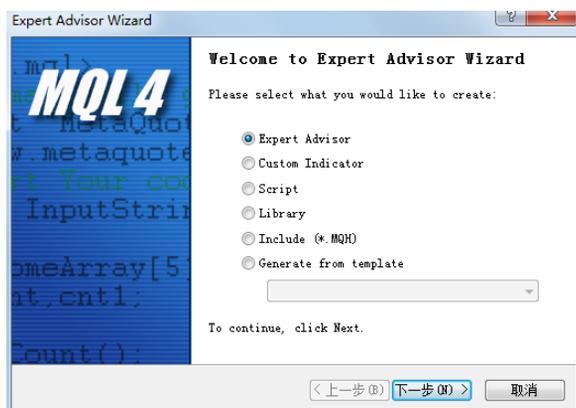
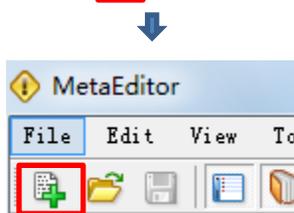
MetaEditor

MetaEditor is a component of the client terminal. It is used for creating, editing and the compilation of source codes written in MQL4.

Expert Advisors Wizard is built into the editor to assist in the creation of new MQL4 programs. Templates are available when creating a MQL4 program. Supplementary information can be found in the MQL4 Dictionary which has a full description of the language and examples. Once the program has been written it is compiled in MetaEditor and can then be launched or tested in the terminal.

Expert Advisors - Creation

To create experts, one has to use the MetaQuotes Language 4(MQL 4) and MetaEditor.



Name: Expert name

Developer: The Developer's name

Link: link to the developer's site

Inputs: The list of expert inputs.

After that the new expert window with the defined inputs will open in editor. At this moment, one can start to write the expert code.

After the expert development has been completed, it must be compiled. To do so, one has to execute the "File – Compile" command in the expert editor, or press F5 or the  button of the toolbar. A file with *.EX4 will be created and saved in the /EXPERTS folder automatically. Compiled experts can be viewed in the 'Navigator – Expert Advisors' window.

Expert Advisors - Setup

Before using experts, one has to set them up first. Working parameters common for all experts are defined in the client terminal settings window. This window can be opened by the “Tool – Options” menu command or by pressing of accelerating keys of Ctrl+O.



Enable Expert Advisors: Enable or disable the use of all experts

Disable experts when the account has been changed: A safety tool that disables experts when the account has been changed.

Disable experts when the profile has been changed: Disable launching of experts when the profile has been changed

Allow live trading: This option intended for limiting trading functions of experts

Ask manual confirmation: Able to confirm the trade or interrupt it manually

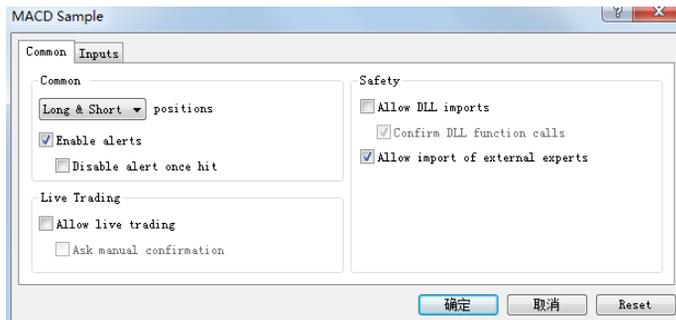
Allow DLL imports: Experts use DLLs to enlarge their functionalities. Use the libraries without any limitations

Confirm DLL function calls: Allow to control over execution of each called function manually.

Allow external experts imports: Option to export functions from other experts or MQL4 libraries during the expert functioning.

Expert Advisors - Launch

After general parameters have been set up, experts can be launched. To do so, it is enough just to attach the expert to the chart. The “Attach to a chart” command of the “Navigator – Expert Advisors” window context menu or double clicking with the left mouse button on the selected expert in the same window allows it to impose the expert into the active chart. The window of the expert special settings will then appear.



Positions: The direction of position opening

Long & Short: In both directions

Only Long: Only for buying

Only Short: Only for selling

Enable alerts: Enable/disable the expert to alert

Disable alert once hit: Disable alerts after the first alert has been given

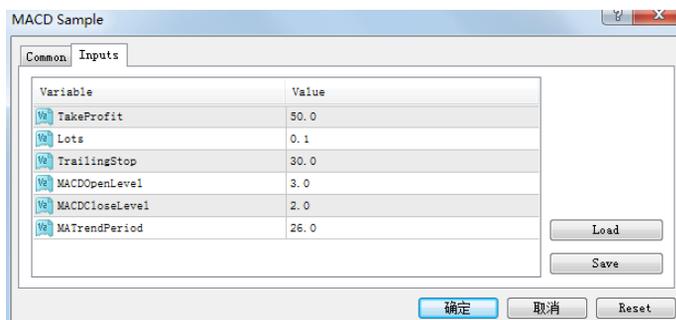
Allow live trading: Enable/disable trading

Ask manual confirmation: Request for manual confirmation of position opening when trading

Allow DLL imports: Enable/disable imports of functions from DLL files

Confirm DLL function calls: Request for confirmations at each function call from DLL files

Allow import of external experts: Enable/disable calling of functions from external experts



External variables of the expert can be changed in the “Inputs” tab, these are variables of extern class.