

zsMT4Client_v2.1 Expert Advisor Documentation

Introduction

This document details the zsMT4Client Expert Advisor (EA) settings and configurations. If you need more information about the basics of installing and using an EA please see here:

<http://www.forexexpertadvisor.info/>

Overview

The zsMT4Client EA will auto-execute trading signals when used in conjunction with subscribing to a trading system on zipsignals.com. The EA uses the settings you provide, such as Subscription ID, to check for signals initiated for your subscription. The EA will check based on your Signal Check Interval setting. Once a signal is found, the order will try to execute in your account. The signal types are New, Modify, Close Partial and Close Complete.

The EA determines lot size by using your account information and/or settings you specify. Each order will have a "Size" value that represents percentage of account balance (from 1% -10%) that is used to weigh the order. i.e. 2% Size order will open 0.20 lot with an account balance of \$10,000 and margin of 1:100 on a standard account.

When configured and run properly, the EA will allow auto-execution of signals generated from zipsignals.com.

Usage Notes

Important! Attach this EA to only ONE chart. You will receive signals for ALL currency pairs. You DO NOT need to attach the EA to each currency pair chart. Running more than one copy of the EA in the same MetaTrader Terminal (MT4) and using the same Subscription ID will cause inconsistent order execution and duplicate order entry.

Important! DO NOT change timeframes (M1, M5, M15, etc.) on the chart that the EA is attached. Doing so will cause the EA to stop checking for signals, and no signals will be executed. If you accidentally changed timeframes on the chart, you can restart your MT4 Terminal to correct this.

Important! Your MT4 Terminal must be running and connected to the internet to receive signals. Closing your MT4 Terminal and restarting it will not affect the EA, and all existing trades will maintain their identity incase a modify or close signal is initiated.

You will not be able to receive signals for multiple accounts with the same Subscription ID. The signal can only be received by one account. Other instances of the EA running the same Subscription ID will not receive the signal.

You may run multiple instances of the EA as long as each instance is for a separate subscription using a different Subscription ID.

Please be aware of the US NFA ruling to disallow hedging titled Compliance Rule 2-43. If you have a US brokerage account you could experience some signals not executing. This will happen if your subscription issues both long and short trades for the same currency pair at the same time.

You will not be able to view properties once the EA is attached (by right clicking the chart the EA is attached to and selecting "Expert Advisors" then "Properties..." from the drop down menu). You must remove the EA and attach it again to change settings. To make this easier save the settings you enter as a set file before you click "OK".

If you wish to restrict the currency pairs that are traded, some brokers allow you to "Hide" the symbols in the "Market Watch" window inside MT4. Hiding a currency pair will make that pair invisible to the EA so no trades will be executed for that pair. To hide a currency pair right-click on the symbol in the "Market Watch" window and select "Hide" from the pop-up menu.

Installation

1. Install MetaTrader 4 (MT4) Terminal from your preferred Forex Broker or use an existing installation of MT4.
2. Close your MT4 Terminal if it is open by clicking "File" then "Exit" on the menu bar at the top.
3. Navigate to your MT4 installation folder. If you do not remember your installation folder the default will usually be the "C:\Program Files" directory. Look inside here for a folder with your broker's name or "MetaTrader" in the title. i.e. "C:\Program Files\Interbank FX Trader 4"
4. Copy the zsMT4Client ex4 file to the "experts" folder. In the above example the directory would be "C:\Program Files\Interbank FX Trader 4\experts"
5. Open your MT4 Terminal.
6. Inside the "Navigator" box expand the "Expert Advisors" Node by clicking the "+" (plus) image if necessary to see zsMT4Client ex4 listed. If you do not see the "Navigator" box click "View" then "Navigator" on the menu bar.
7. Select an existing chart or open a new one by clicking the "New Chart" dropdown (green plus sign) near the top left. It does not matter which currency pair the chart is attached to. The EA will open trades for all currency pairs regardless of the chart chosen.

8. Double-click for drag and drop the zsMT4Client EA to your chart. DO NOT attach the EA to more than one chart.
9. A box should popup with 2 tabs: "Common" and "Inputs".
10. On the "Common" tab ensure:
 - a. "Long & Short" is selected in the "positions" drop down
 - b. "Allow Live Trading" check box is checked
 - c. "Ask manual confirmation" is NOT checked
 - d. "Allow DLL Imports" is checked
 - e. "Confirm DLL function calls" is NOT checked
 - f. "Allow import of external experts" is checked
11. On the "Inputs" tab select your configuration settings as described in the section "Configuration Settings" below inside this document.
12. Once your settings are complete click the "Save" button to save your configuration settings and select a location for your "set" file. The EA will not respond to a properties inspection, so you must remove and re-attach the EA to change configuration settings. Saving your settings aids in re-attaching the EA if you ever have to change settings.
13. Click "OK"
14. You should see a smiley face in the upper right of the chart. This means the EA is running and installed correctly. It does not, however, tell you that it is configured properly. You would have to send a test signal to ensure you are configured correctly.
15. To send a test signal to the EA:
 - a. Login at www.zipsignals.com.
 - b. Once you are on the "My Account" page click the "Subscriber" tab
 - c. Click the subscription record in the "Active Subscriptions" section to highlight it bright green
 - d. Click "Send Test Signal" button near the bottom right.
 - e. Click "Yes" to send the test signal.
16. Look inside your MT4 Terminal for a new EURUSD Buy order (test signal). If no order is executed click the "Experts" tab of your MT4 Terminal to see any error messages returned. For more help in troubleshooting please see the Frequently Asked Questions (FAQ) Page of [zipsignals.com](http://www.zipsignals.com) located at <http://www.zipsignals.com/faq.cfm>

Configuration Settings

Subscription_ID – Enter your Subscription ID that is generated when you subscribe to a system on zipsignals.com. It is labeled EA ID in the subscription record located on the "Subscriber" Tab of the zipsignals.com account manager.

FixedBalance – If set to "true", EA will use the value in "UseBalance" to calculate lot size. When false, EA will ignore the "UseBalance" value and determine lot size based on your actual account balance. Value is ignored if "FixedLotSize" is "true".

UseBalance – Value is used to determine lot size when "FixedBalance" is "true". Value is ignored if "FixedLotSize" is "true".

FixedMargin – If set to “true”, EA will use the value in “UseMargin” to calculate lot size. When false, EA will ignore the “UseMargin” value and determine lot size based on your actual account margin. It is recommended to use a fixed margin as some brokers have floating or variable margin values that will lead to inconsistent lot size calculations. Value is ignored if “FixedLotSize” is “true”.

UseMargin – Value is used to determine lot size when “FixedMargin” is “true”. Value of 100 uses 1:100 margin, 50 uses 1:50, 200 uses 1:200, etc. Value is ignored if “FixedLotSize” is “true”.

AccountIsMini – Set to “true” if you have a “Mini” account. Mini accounts will display 1 lot size as 10 and 0.1 lot as 1.0. Value is ignored if “FixedLotSize” is “true”.

FixedLotSize – If set to “true”, EA will use the value in “UseLotSize” when opening trades. When false, EA will ignore the “UseLotSize” value.

UseLotSize – Value is used to determine lot size when “FixedLotSize” is “true”.

OrderSlippage – Max slippage on order once initiated for execution.

MaxDeviation – Number of pips the order can be away from open price in signal.

AllowPositiveDeviation – If “true” will open order if your fill is better than open price.

SymbolSuffix – Use if your broker uses a character after symbol i.e. EURUSDm.

SignalCheckInterval – Number of seconds between checks for new signals. Minimum value is 10.

EnableLogging – Enables logging if “true”.

CurrenexMode – Set to “true” if your broker uses Currenex that does not allow a stop loss or take profit on initial order entry. When set to “true” any new orders with a stop loss or take profit will be opened in a 2-step process that will enter the order first then modify with the stop loss and/or take profit.

Broker5Digits – Set to “true” if your broker uses a 5 digit decimal i.e. 1.34567 or 95.123. Set to “false” if your broker uses 4 digit decimal i.e. 1.3456 or 98.12

Configuration Scenarios

FixedBalance = false, FixedMargin = true, UseMargin = 100, AccountIsMini = false
with \$11,024.54 account balance:

- Order size of 1% issues order of 0.11 size
- Order size of 2% issues order of 0.22 size

- Order size of 5% issues order of 0.55 size

FixedBalance = true, UseBalance = 5000, FixedMargin = true, UseMargin = 100, AccountIsMini = false:

- Order size of 1% issues order of 0.05 size
- Order size of 2% issues order of 0.10 size
- Order size of 5% issues order of 0.25 size

FixedBalance = true, UseBalance = 5000, FixedMargin = true, UseMargin = 100, AccountIsMini = true:

- Order size of 1% issues order of 0.50 size
- Order size of 2% issues order of 1.00 size
- Order size of 5% issues order of 2.50 size

FixedBalance = true, UseBalance = 100000, FixedMargin = true, UseMargin = 50, AccountIsMini = false:

- Order size of 1% issues order of 0.50 size
- Order size of 2% issues order of 1.00 size
- Order size of 5% issues order of 2.50 size

FixedLotSize = true, UseLotSize of 0.20:

- Order size of 1% issues order of 0.20 size
- Order size of 2% issues order of 0.20 size
- Order size of 5% issues order of 0.20 size

Additional Notes

For further clarification ask us a question via the "Contact Us" link located here:

<http://www.zipsignals.com/contactus.cfm>