

Instructions of CTM with TD AMERITRADE
(Updated 10/7/2011)

IMPORTANT NOTE for using Auto Order Execution (AOE) module: The AOE is a part of Chart Trading Module (CTM) for trading automation. Even though the AOE function has been fully tested here at AbleSys Corporation (ASC), however, each computer's operation system, environment, hardware and programs running might not be exactly the same. The AOE malfunction experienced by users will vary depending on many factors, including but not limited to: Internet connection failure, power failure, hard drive malfunction, computer operating system virus, and trading partner platform disruption. Such events can significantly impact trading results and should be taken into consideration. Having chosen to use the CTM and AOE module, UNDER NO CIRCUMSTANCES SHALL ASC BE LIABLE FOR ANY PUNITIVE, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL LOSS OR DAMAGES, INCLUDING LOSS OF BUSINESS, PROFITS OR GOODWILL. ASC SHALL NOT BE LIABLE TO YOU BY REASON OF DELAYS OR INTERRUPTIONS OF SERVICE OR TRANSMISSIONS, OR FAILURES OF PERFORMANCE OF OUR SYSTEM, REGARDLESS OF CAUSE, INCLUDING, BUT NOT LIMITED TO, THOSE CAUSED BY HARDWARE OR SOFTWARE MALFUNCTION; GOVERNMENTAL, EXCHANGE OR OTHER REGULATORY ACTION; ACTS OF GOD; WAR, TERRORISM, OR OUR INTENTIONAL ACT. The Licensed Software is provided "AS IS" and ASC does not make any warranties or guarantees with respect to the Licensed Software, including without limitation, warranties of merchantability or fitness for a particular purpose. ASC shall not be liable to Customer for any loss, cost, damage or other injury, whether in contract or tort arising out of or caused in whole or in part by Customer's use of or reliance on the Licensed Software or its content. In no event will ASC be liable to Customer for any punitive, consequential, special or similar damages even if advised of the possibility of such damage. If some jurisdictions do not allow the exclusion or limitation of liability for certain damages, in such jurisdictions, the liability of ASC shall be limited in accordance with AbleTrend Customer Agreement to the extent permitted by law.

1. We strongly suggest that you should use a Demo account or minimum size to run tests in real time before using the CTM or AOE function.
2. You had better to use a PC with Windows XP which already has .NET frame installed. If you used Win2000, then you must update the Microsoft's .NET frame.

Instructions for AOE with AMTD


You may use Microsoft's Internet Explorer and download AbleTrend software again from our web site <http://www.wintick.com/home/>

3. **Turn ON/OFF Chart Trading Module (CTM):** Go to our working folder C:\Program Files\AbleSys\AbleTrend70, rename the module's file to _CTAMTD.dll means OFF, rename CTAMTD.dll means ON.
4. When you first launch AbleTrend software, the AOE for TD Ameritrade login window will pop up, input the following information:

Username: **xxxxxx**


Password : **xxxx**

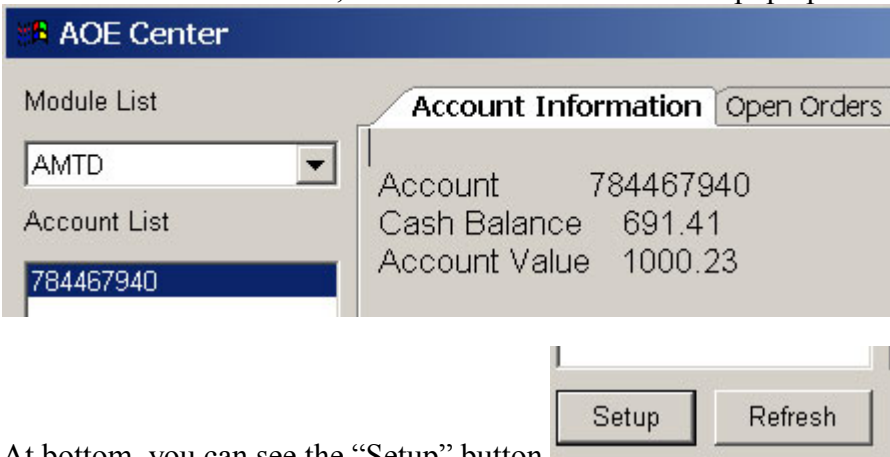
Server : apis.tdameritrade.com



The image shows a Windows-style dialog box titled "AOE AmeriTrade Setup". It contains three text input fields: "Username:" with the value "ablesys01", "Password:" with masked characters "*****", and "Server:" with the value "apis.tdameritrade.com". Below these fields is a checkbox labeled "Save password" which is checked. At the bottom are "OK" and "Cancel" buttons.

AOE Setup window

In case you input wrong password or need change account / password, click the "AOE" icon , the AOE Center window will pop up.



The image shows the "AOE Center" window. It has a "Module List" section with a dropdown menu showing "AMTD". Below it is an "Account List" section with a list box containing the account number "784467940". To the right, there is a tabbed interface with "Account Information" selected, showing the following data:

Account Information	
Account	784467940
Cash Balance	691.41
Account Value	1000.23

At the bottom of the window, there are "Setup" and "Refresh" buttons.

At bottom, you can see the "Setup" button

Instructions for AOE with AMTD

By clicking the Setup button, the above AOE Setup window will pop up.

5. Create a stock chart, for example IBM 60-min chart or a daily chart, trading time: 09:30 to 16:00 (EST, input your local trading time)
6. Insert AbleTrendTS to the chart by clicking "Rainbow" icon. Input PointValue, CostPerTrade and ContractSize..., Select TSPC and DEV. You may also select "% Trailing Stop" or/and "AbleTrend Stop" exit rules etc. to increase your profits or to cut loss short... **Make sure to check "Entry at Bar Close" for 100% mechanical trading.** See an illustration below:

Parameters	
Indicator Name	AbleTrendTS
Basic Setting	
Alert	<input checked="" type="checkbox"/> On
visible	1
TSPC	4
MONEYRISK	2
DEVIATION	0
EBC	<input checked="" type="checkbox"/> On
Advanced Setting	
NthBar	3
ProfitLevel	5
Trailing	100
ExitMA1	5
ExitMA2	9

EBC
Enter at bar close

7. Check "Enable" Order Execution, this will turn ON the AOE for a chart.

Trade Info	
AOE	<input checked="" type="checkbox"/> Enable ...
Money Manage	Disable
ContractSize	1
CostPerTrade	0
PointValues	1

AOE

Click ... icon to show up AOE setup window

Turn ON AOE by checking this box

Here is the AOE Setup Window:

Instructions for AOE with AMTD

Auto Order Execution Setting

Trades

- ☒ Long Trades
- ☒ Short Trades

Trading Method


- ☒ Full Auto-Pilot
- ☐ Semi Auto-Pilot
- ☐ Manual
- ☒ Separate SHORT and SELL
- ☒ All Trades
- ☐ Close Position

Trading Symbol

- ☒ Default
- ☐ Other:

Account #: Select Client:

Ok Cancel

- Select “Trading Method” as “Full Auto Pilot” mode
 - Check the box “Separate SHORT and SELL” (for stocks only, for futures or forex you don’t need check this box)
 - For “Trading Symbol”, use “Default” for stock trading.
 - PointValues can be found at our web site. Check out from AbleTrend 7.0 Help > Support > Easy References > Common PointValue.... For stocks, the PointValue is always 1.
8. Input TD AMERITRADE trading account number:
Check this number from AOE Center (see above item #3).
9. For “Instant Order”, click this icon , then click the big blue or red dot of trading signal to auto fill-in the position.
10. For Chart Trading Module functions to show, click “TM” icon (Trading Mode) to turn ON it. Refer more on this part from our website
<http://www.wintick.com/products/ct>
11. Known issue: Some users **cannot get real time data due to firewall, such as Avira, BitDefender, etc.** Solution: change firewall software.
12. TD AMERITRADE (AMTD) Data: Some users **cannot get real time data** by AMTD, cannot see the charts updated in real time. This is caused by not signing up yet the exchange agreement forms for your AMTD account. Here is how to sign up:
- Login to AMTD account <http://www.tdameritrade.com>
 - Click “Home” tab
 - Go to “My Profile”
 - Sign up “Exchange agreements” (bottom of right side)