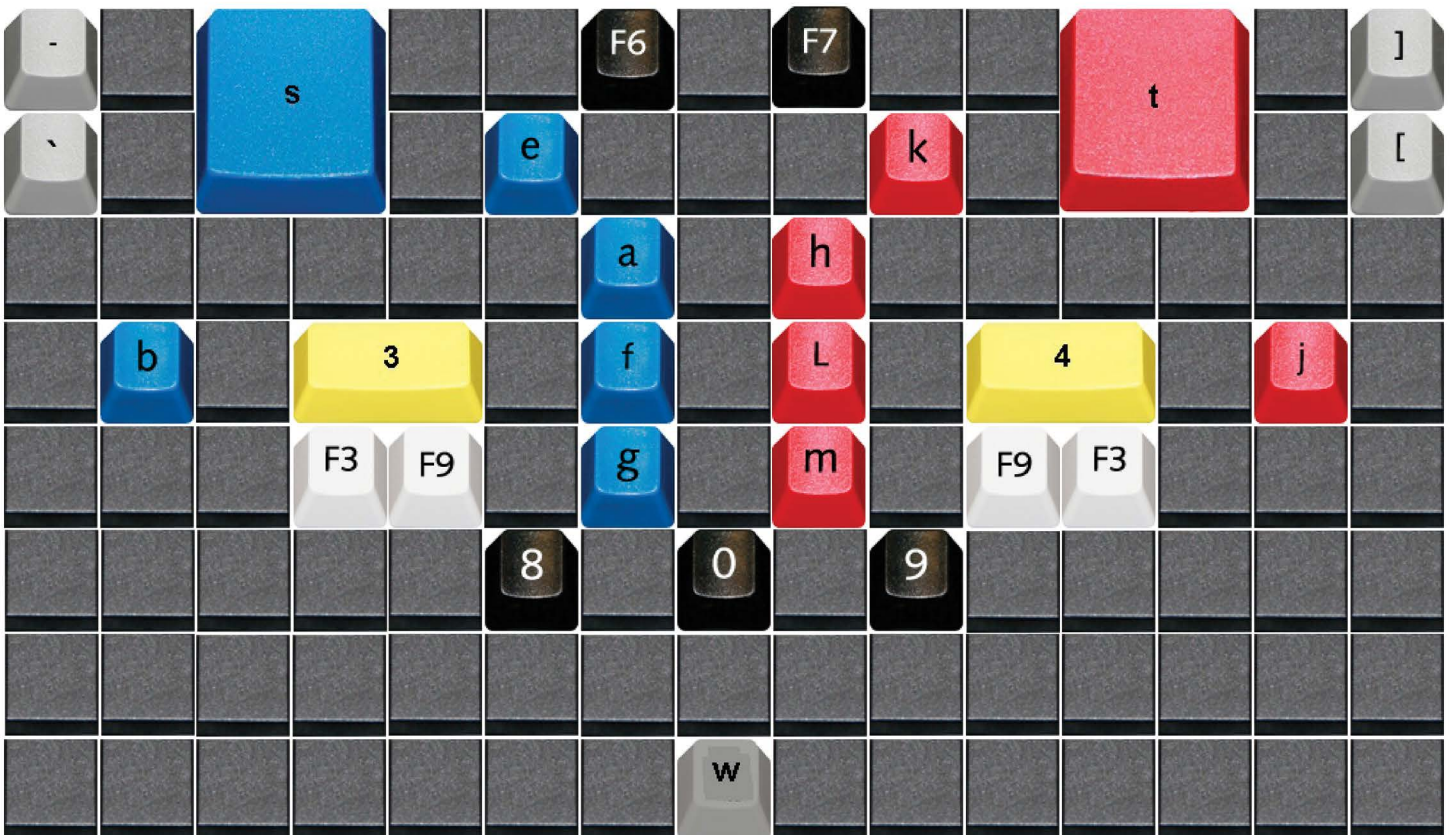
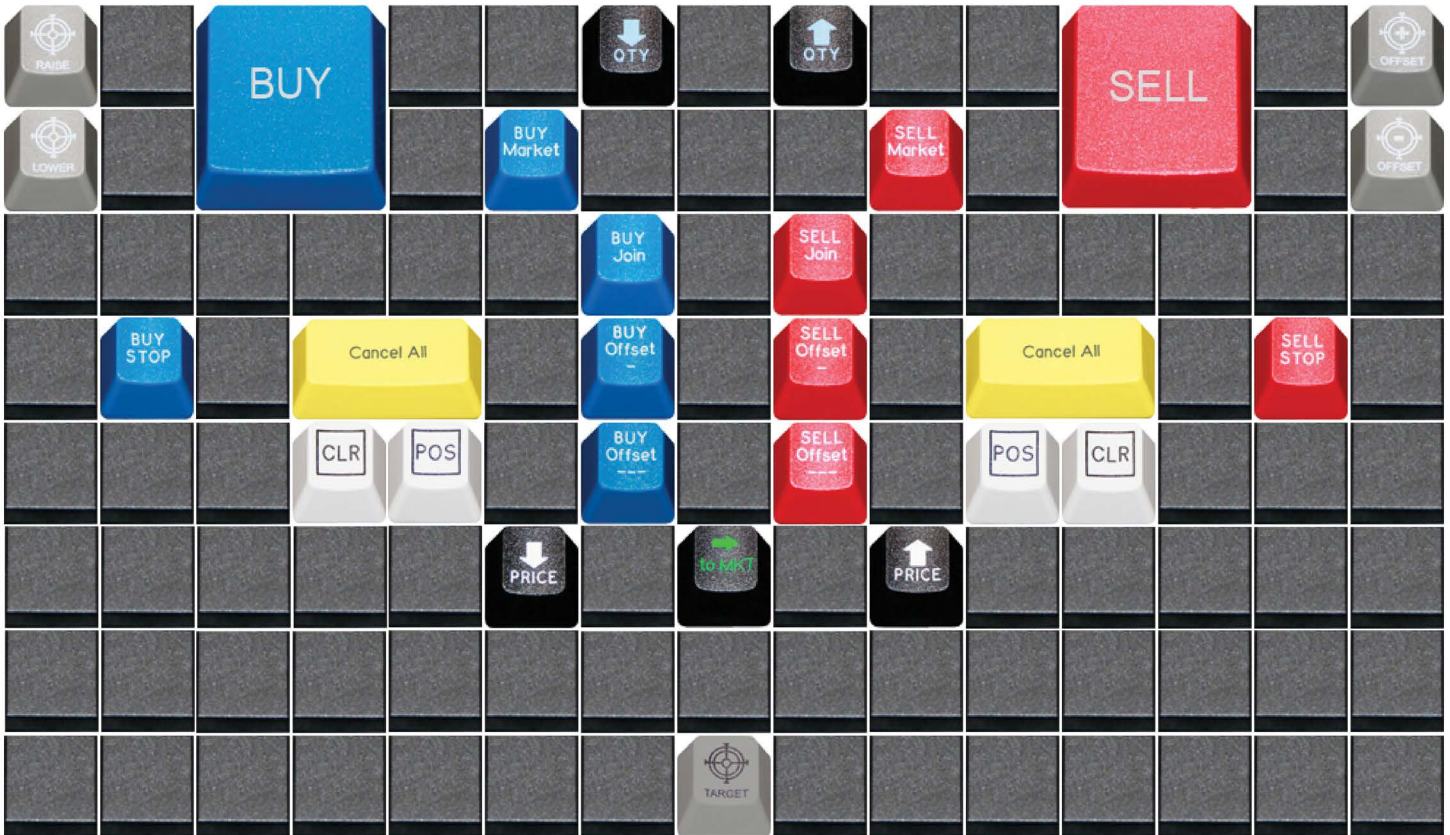


READ FIRST

Quick Start Guides are intended to help you learn some of the primary benefits of using Keyboard Trader in a short amount of time. They provide an overview of how to operate sample workspaces using sample keyboard layouts, which are both designed by Bionic Trader Systems. The methods shown in the Quick Start Guides highlight only some of the many configuration options which are possible using each license level of Keyboard Trader. These support tools are for your educational and informational purposes only.

It is suggested that when you are configuring your own workspaces and keyboard layouts, that you build slowly and practice heavily in simulation before using them live. Bionic Trader Systems provides a Simulation Environment for your convenience. However, Bionic Trader Systems cannot advise clients on the suitability of any particular configuration. If you need assistance finding a solution which is right for you, please contact us and we can help you identify and understand the tools in Keyboard Trader which meet your needs.

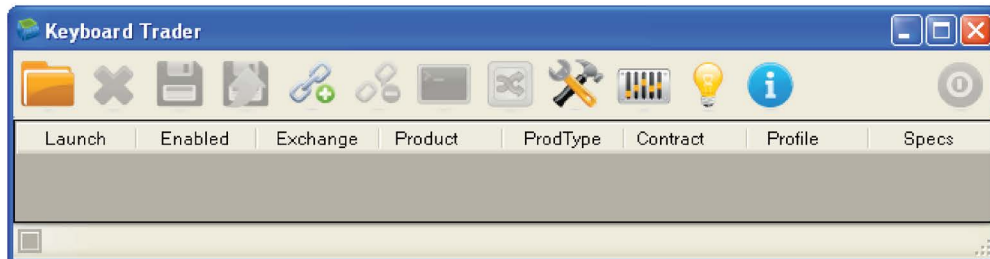
For readability purposes, some caveats regarding platform and workspace behavior have been omitted in this Quick Start Guide. It is expected that you will read the Keyboard Trader Help File with respect to your license level for a greater understanding of platform behavior. For information on how to program your keyboard, consult the keyboard documentation.



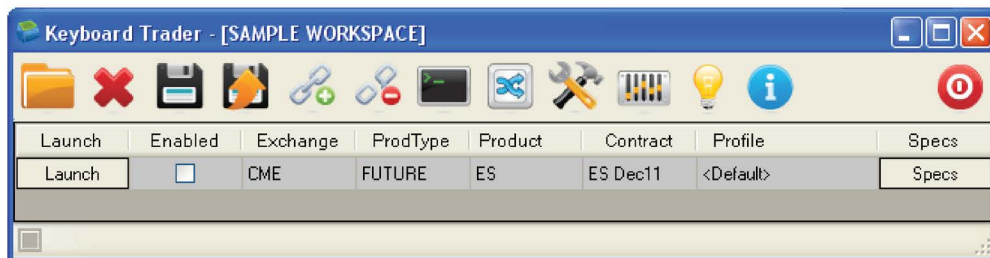
Getting Started

1. Plug in keyboard configured for “Alien” Sample Configuration.
2. Launch Keyboard Trader. This will launch the Keyboard Trader “Controller Form”. If you are using our transactional version, you will have to log in to our server before the Controller Form shows up:

Controller Form



3. Press the “Open Workspace” button on the toolbar; then open the “Alien” workspace. You will see a product added to your Controller Form. Also, you should see a “Trading View” appear on your screen. If your Controller Form and/or Trading View is not visible on your monitor(s), move them so you can see them.



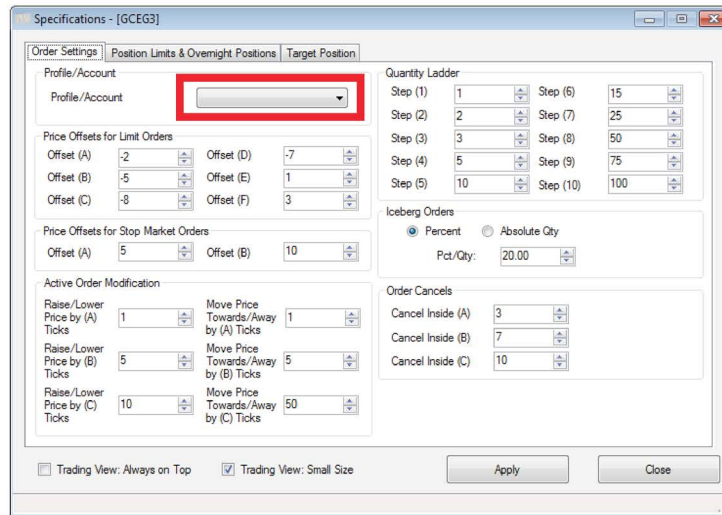
Trading View



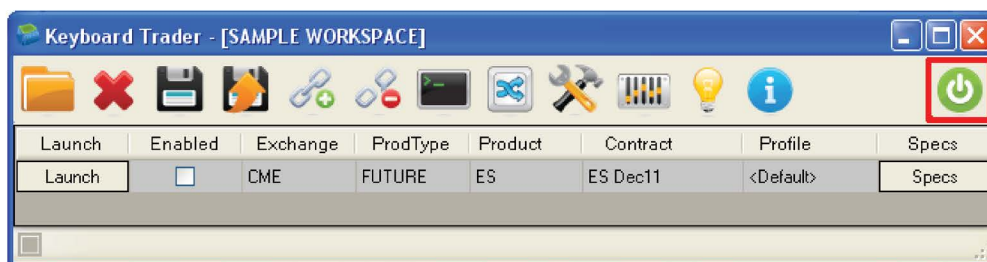
4. Once you see which product is loaded as part of the “Alien” sample workspace in Keyboard Trader, open up one or more market data windows in your Base Platform to display data for this product in whatever format you prefer. Save this workspace using your Base Platform so you can open it in the future.

Getting Started (cntd.)

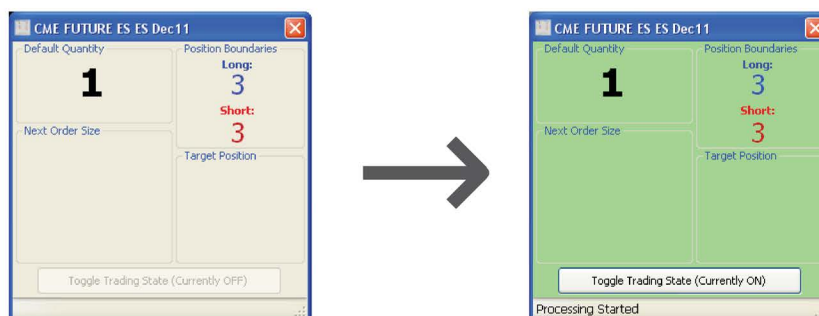
5. Click on “Specs” button for the product on the Controller Form. On the “Order Settings” tab, set the “Profile/Account” as you choose. Press Apply, Close, and then Save the workspace using the Save button on the Controller Form toolbar. You will only have to do this step once unless you wish to make changes:



6. Turn the Power ON (this subscribes hotkeys and enables trading):



7. To turn **ON** the **Trading State** of your product, press the small green key. You will see its Trading View turn green:

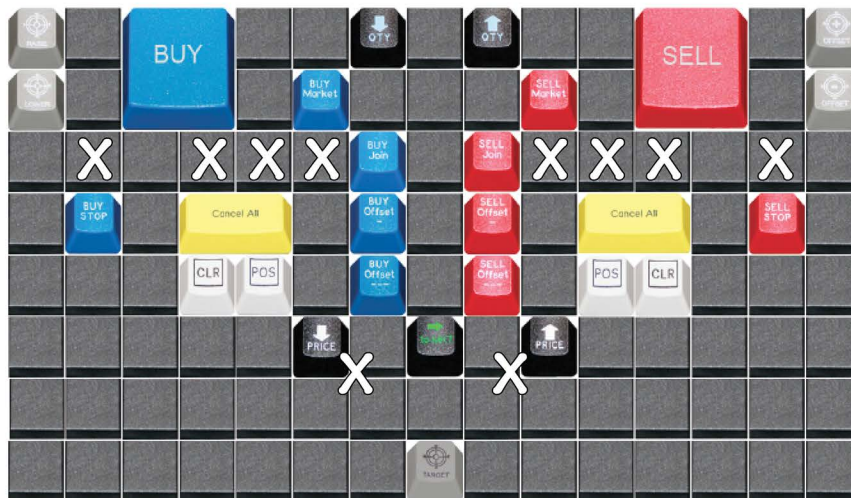


Getting Started (cntd.)

8. Like the keys shown above, all the keys on the Alien keyboard configuration perform functionality by connecting to Keyboard Trader software. The functionality of each key is shown in the rest of this Quick Start Guide. If you are logged into our Simulation Environment, please see the Simulation Environment “Policies & Behavior” as listed on www.keyboardtrader.com. Please do not splurge our Simulation Environment, of those of our partners, with orders, as this reduces the effectiveness of the environment for everyone. Iceberg Orders do not work in Bionic Trader Systems’ Simulation Environment.

Recommended Finger Placements

Recommended Finger Placements are below shown as “X”. This configuration was designed for your comfort and agility over long periods of time. You may find it helpful to lightly press against the sides and tops of neighboring keys (without triggering hotkeys), i.e., pressing your thumbs against the sides of the PRICE keys. This may provide a feeling of leverage, and help remind you that your fingers are in their “home base” positions on the keyboard.



Trade to dynamic Target Positions:

Position Traders often like holding core positions, and trading to levels above and below these core or “Target” positions to adjust risk as warranted. Intraday Traders often like trading aggressively to various levels, and usually their biases are short-lived. Regardless of preference and style, it is common for traders to have different position levels they wish to trade to under various circumstances. With Keyboard Trader, you can easily define one or more “Target Positions” and trade to them for one or multiple products at the same time using single key-presses. The keys shown below are provided in this ALIEN Sample Configuration, and using them you can trade to adjustable Target Positions:

(Neutral) Target



Bullish Target



Bearish Target



Use these keys to adjust the (Neutral) Target:



Use these keys to adjust the difference between Target values:



Methods involving Target Positions are highly configurable. Some information is provided on the next page; much more information is available in the Help File.

TARGET Summary



Trading to TARGET

trade UP to
Target Position + Offset
using **BUYS** only

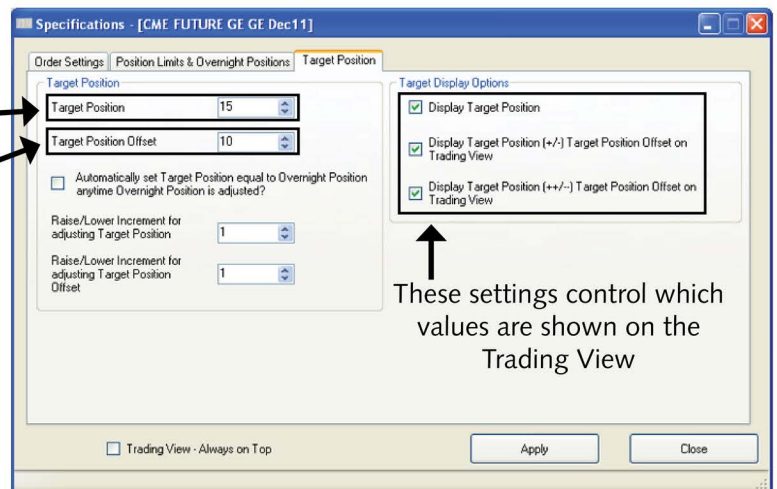
trade to
Target Position
using **BUYS** or **SELLS**

trade DOWN to
Target Position - Offset
using **SELLS** only



Changing TARGETS

use these keys to Change TARGETS and TARGET OFFSETS; values change on SPECS form and on Trading View



These settings control which values are shown on the Trading View






For more information on Target methods, consult the Help File:

- A good place to start is: Contracts > Specifications > Target Position
- A more advanced yet very helpful section is: Appendix 2: Advanced Macros



BUYS

	Macro Steps	Description
	Buy Join Offset (B)	Orders are sent using Default Quantity or Next Order Size, if applied.
	Buy Join Offset (A)	
	Buy Join	
	Buy Stop Market	
	Buy Market	



SELLS

	Macro Steps	Description
	Sell Join Offset (B)	Orders are sent using Default Quantity or Next Order Size, if applied.
	Sell Join Offset (A)	
	Sell Join	
	Sell Stop Market	
	Sell Market	




DEFAULT ORDER QUANTITY

	Macro Steps	Description
	Lower Default Order Quantity	Keys Lower or Raise Default Quantity.
	Raise Default Order Quantity	

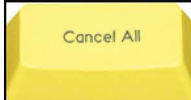
NEXT ORDER SIZES

	Macro Steps	Description
	Next Order Qty: Position	Sets the Next Order Size to size of Current Position.
	Clear Next Order Quantity Assignment	Clears the Next Order Size, if one exists.





ACTIVE ORDER PRICE MODIFICATIONS

	Macro Steps	Description
	Raise Price By (A) Ticks	Keys change the Price of Working Orders.
	Lower Price By (A) Ticks	
	Move Price towards Market by (C) Ticks	

CANCELS

	Macro	Description
	Cancel Bids or Offers	Key on the left side of keyboard Cancels Bids; Key on the right side of keyboard Cancels Offers.


TARGET AND TARGET OFFSET ADJ.

	Macro Steps	Description
	Raise Target Position	Adjusts Target Position.
	Lower Target Position	
	Raise Target Position Offset	Adjusts Target Position Offset, which is the value between the (Neutral) Target Position and other Dynamic Target values above and below the (Neutral) Target Position.
	Lower Target Position Offset	


TRADE TO BULLISH TARGET

	Description
	Cancels Working Orders and Trades to a Bullish Target using a Buy MARKET Order. Only executes Buy Market order if current position size is less than your Bullish Target.

TRADE TO BEARISH TARGET

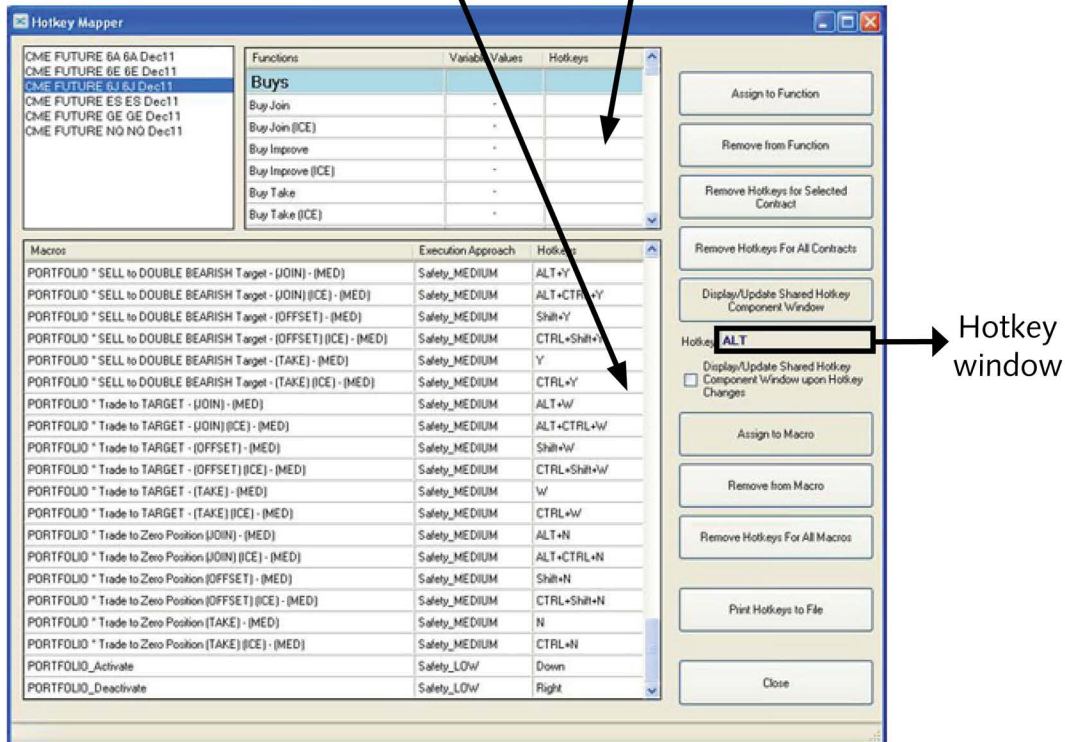
	Description
	Cancels Working Orders and Trades to a Bearish Target using a Sell MARKET Order. Only executes Sell Market order if current position size is greater than your Bearish Target.

TRADE TO (NEUTRAL) TARGET

	Description
	Cancels Working Orders and Trades to (Neutral) Target using a Buy or Sell MARKET Order. Only executes Market order if current position size is not already equal to Target Position.

What does this Key do?

HOTKEYS are assigned only to **Macros** (not **Base Functions**) in this configuration:

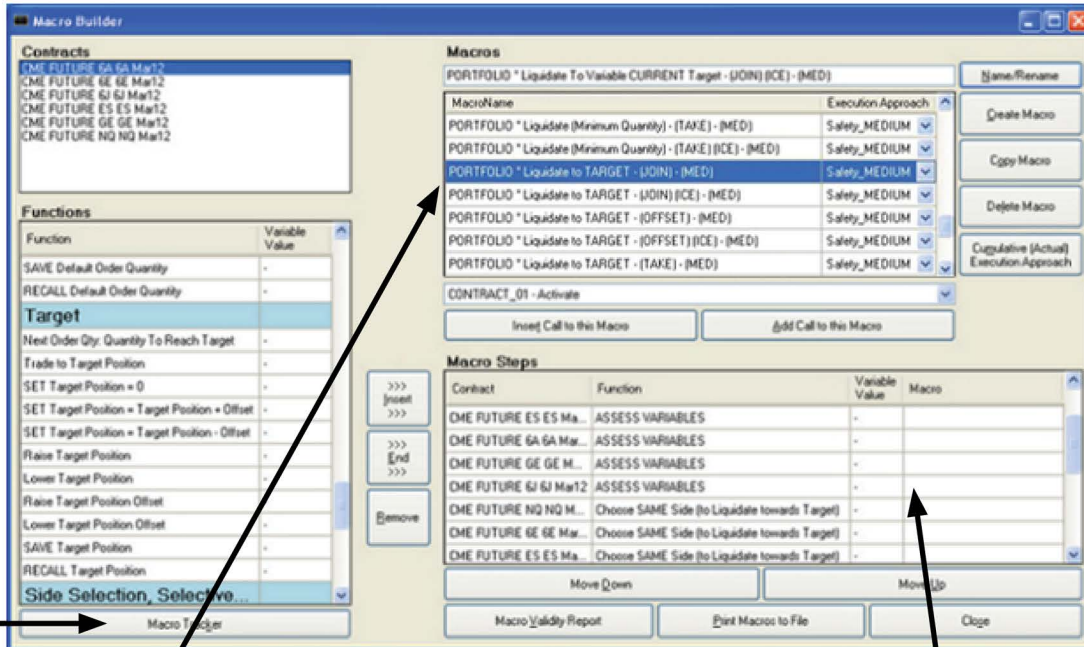


To know exactly what a key on your keyboard does, follow these steps:

1. Open up the Hotkey Mapper as shown above.
2. Press a keyboard key, and you will see the Hotkey assigned to it show up in the Hotkey Window (marked in image above).
3. Find this Hotkey in your list of Macros as shown in the image above.
4. Select the Macro with your mouse.
5. Right-click and press "View this Macro in Macro Builder". This will launch the Macro Builder as shown on the next page.

What does this Key do? (cntd.)

Macro Builder:



6. In the Macro Builder, see a list of macros at the top of the window. The macro you **selected** in the Hotkey Mapper is highlighted in this list, and the **contents** of this macro are shown in the bottom of the window.

7. If your Macro contains child macros and you want to see more detail, press “**Macro Tracker**”.