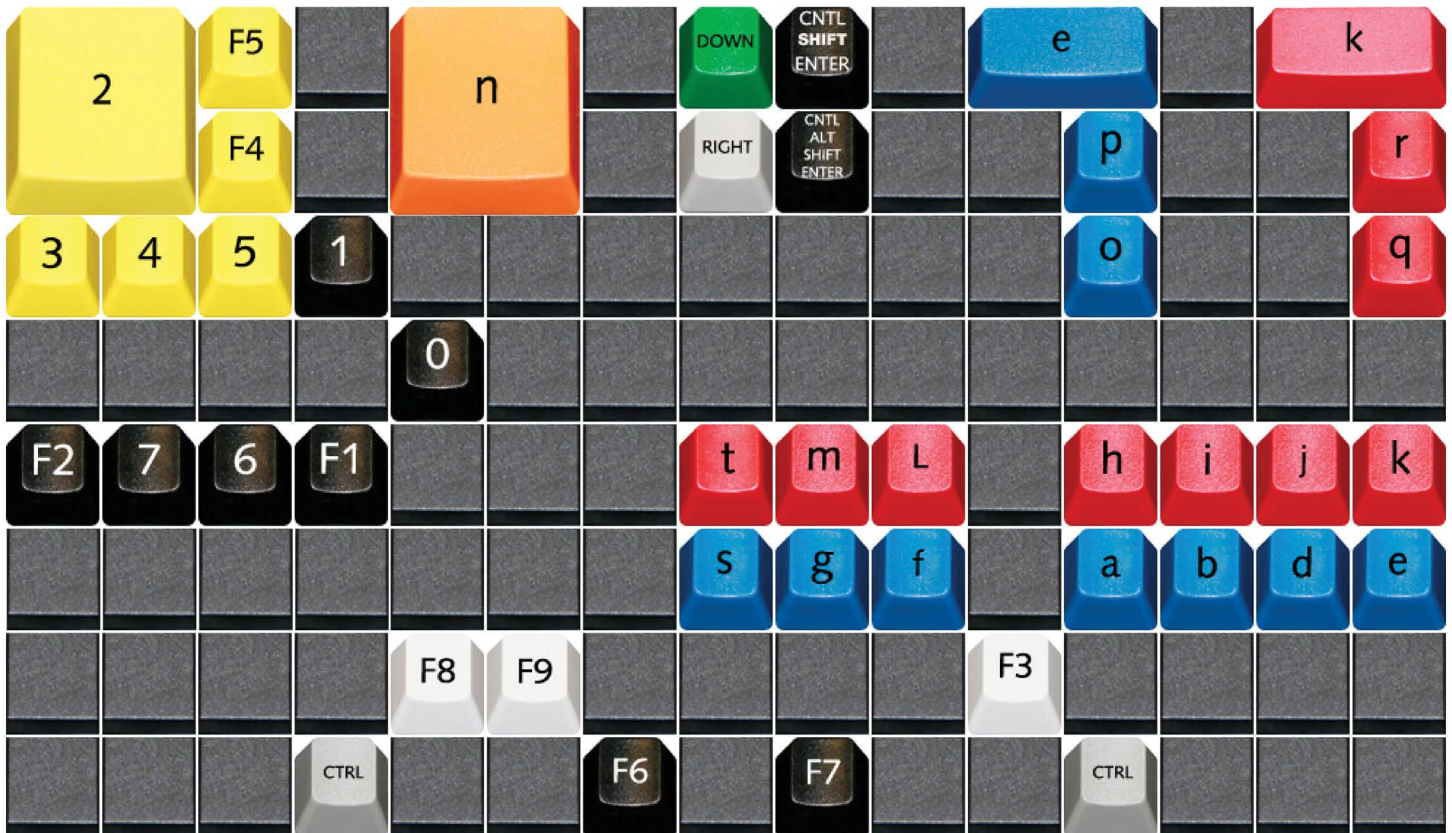
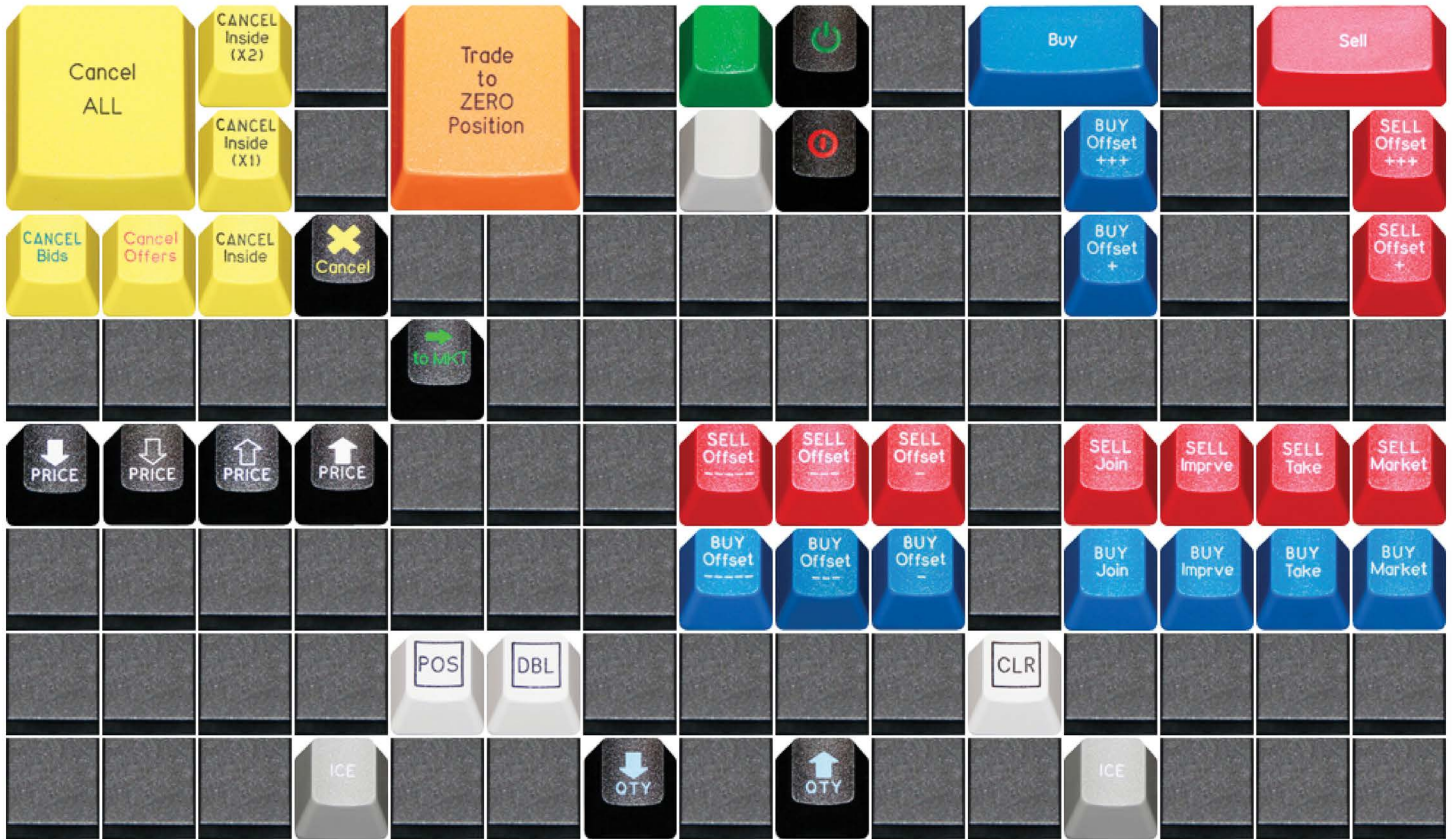


READ FIRST

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.

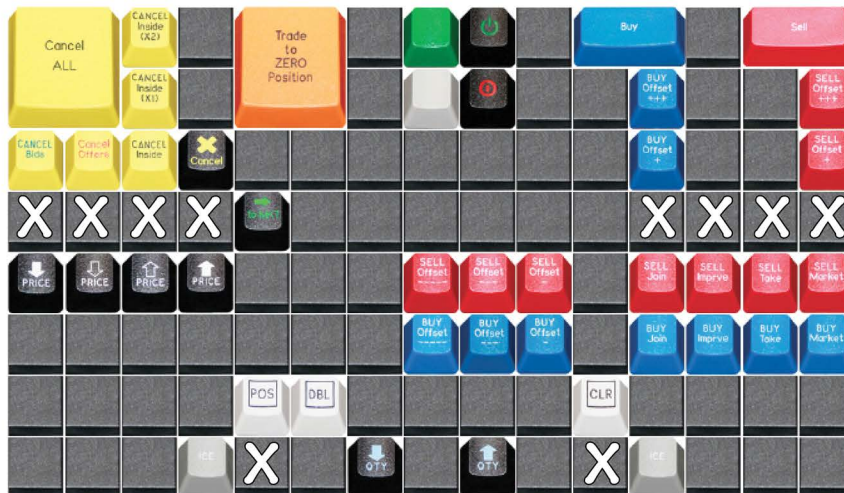


COPPER 1 Sample Configuration: Summary

The COPPER 1 Sample Configuration offers a simple yet powerful way to trade one futures product using a keyboard. The right side of the keyboard is predominantly for entering new orders, while the left side is predominantly for canceling and changing orders.

Recommended Finger Placements

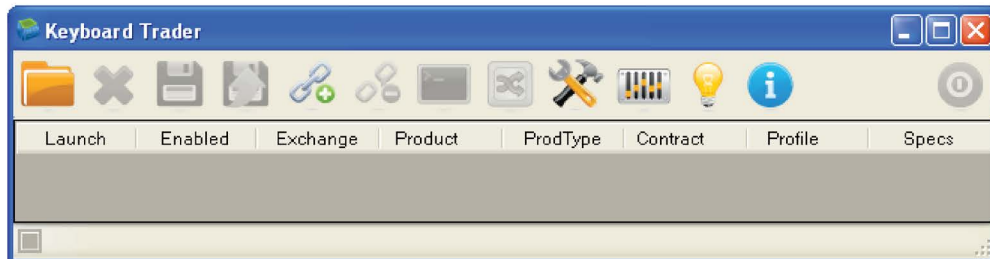
Recommended Finger Placements are below shown as “X”. This configuration was designed for your comfort and agility over long periods of time. You may find it helpful to lightly press against the sides and tops of neighboring keys (without triggering hotkeys), i.e., pressing your Left Thumb against the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



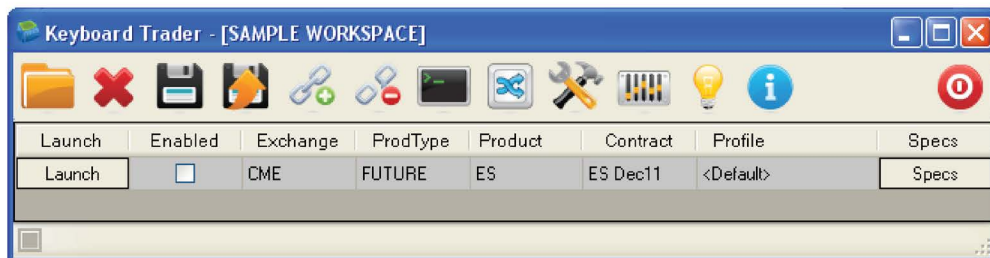
Getting Started

1. Plug in keyboard configured for Copper 1 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 “COPPER 1” 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.



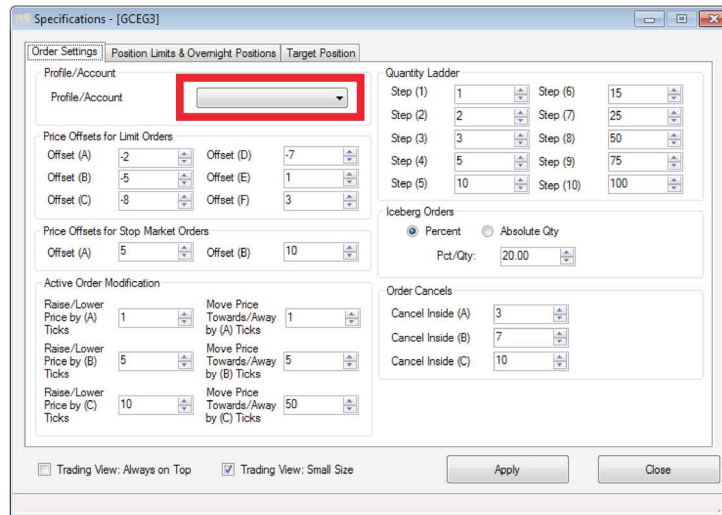
Trading View



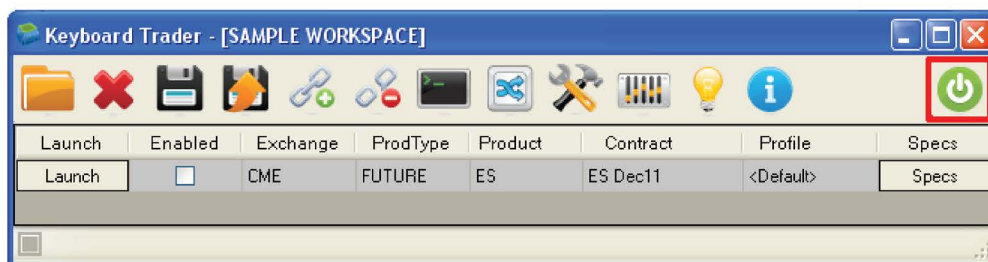
4. Once you see which product is loaded as part of the “COPPER 1” sample workspace in Keyboard Trader, open up one or more market data windows in your Base Platform to display data for this product in whatever format you prefer. Save this workspace using your Base Platform so you can open it in the future.

Getting Started (cntd.)

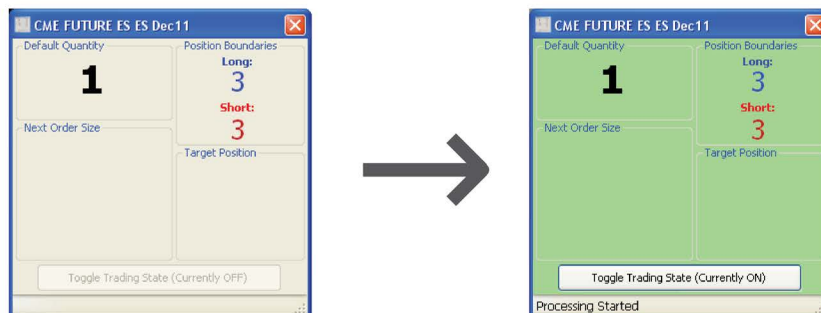
5. Click on “Specs” button for the product on the Controller Form. On the “Order Settings” tab, set the “Profile/Account” as you choose. Press Apply, Close, and then Save the workspace using the Save button on the Controller Form toolbar. You will only have to do this step once unless you wish to make 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 COPPER 1 keyboard configuration perform functionality by connecting to Keyboard Trader software. Some of the keys are intended to be used together in combination for maximum trading efficiency and a dynamic trading experience. The functionality of each key/combination 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.












HOTKEY SUBSCRIPTIONS

	Base Functions	Description
	These two keys trigger Application-Level methods, not Base Functions.	Subscribes Hotkeys ("Power ON")
		Unsubscribes Hotkeys ("Power OFF")












TRADING STATE

	Base Functions	Description
	Turn Trading State ON	This key turns ON the Trading State.
	Turn Trading State OFF	This key turns OFF the Trading State.



BUYS

	Base Functions	Description
	Buy Join Offset (C)	Orders are sent using Default Quantity or Next Order Size, if applied.
	Buy Join Offset (B)	
	Buy Join Offset (A)	When pressed with the  (Iceberg) Modifier Key, Iceberg condition is applied (except for Market Orders).
	Buy Join	
	Buy Improve	
	Buy Take	
	Buy Market	<i>(both keys do the same thing)</i>
		
	Buy Join Offset (E)	
	Buy Join Offset (F)	




SELLS

	Base Functions	Description
	Sell Join Offset (C)	Orders are sent using Default Quantity or Next Order Size, if applied.
	Sell Join Offset (B)	
	Sell Join Offset (A)	When pressed with the  (Iceberg) Modifier Key, Iceberg condition is applied (except for Market Orders).
	Sell Join	
	Sell Improve	
	Sell Take	
	Sell Market	<i>(both keys do the same thing)</i>
		
	Sell Join Offset (E)	
	Sell Join Offset (F)	







DEFAULT ORDER QUANTITY

	Base Functions	Description
	Lower Default Order Quantity	Lowers/Raises Default Quantity between steps of Order Quantity Ladder as defined on Specifications Form.
	Raise Default Order Quantity	








NEXT ORDER SIZES

	Base Functions	Description
	Next Order Qty: Position	Sets the Next Order Size to size noted.
	Next Order Qty: Double Position	
	Clear Next Order Quantity Assignment	Clears the Next Order Size, if one exists.


ACTIVE ORDER PRICE MODIFICATIONS

	Base Functions	Description
	Raise Price By (A) Ticks	Changes the Price of Working Orders.
	Lower Price By (A) Ticks	
	Raise Price By (B) Ticks	Changes the Price of Working Orders. When pressed with the  Modifier key, "Raise/Lower Price By (C) Ticks" functions are run so that Prices are moved by larger amounts. ¹
	Lower Price By (B) Ticks	
	Move Price Towards Market by (A) Ticks	

CANCELS

	Base Functions	Description
	Cancel Bids	Cancels working Bids.
	Cancel Offers	Cancels working Offers.
	Cancel Inside	Cancels working orders at the Inside Bid and Offer.
	Cancel Active Order	See Help File for description of "Active Order".
	Cancel Inside (A) Ticks	Cancels working orders at or within (A) Ticks of the Inside Bid and Offer.
	Cancel Inside (B) Ticks	Cancels working orders at or within (B) Ticks of the Inside Bid and Offer.
	Cancel ALL	Cancels working Bids & Offers.

TRADE TO ZERO POSITION

	Base Functions	Description
	Trade to Zero Position	Liquidates Current Position using a Market Order.

¹See Multi-Purposing Modifier Keys in the Help File.