

TKO

QUICK START GUIDE



GETTING STARTED

The TKO is 100% plug-and-play and does not require any software or special drivers for basic use. Connect the USB-C end of the cable to the TKO and the USB-A end to your PC, and you're ready to go!

Profiles: The TKO has 9 fully-customizable Profiles. Each Profile features the same base key layout and a unique lighting scheme (see pg. 4). Profile 1 is pre-loaded, but you can use the onboard Profile shortcut to load any of the other 8 Profiles (see pg. 2).

Onboard Programming: Users can customize the key layout in any Profile and modify keyboard settings using the convenient onboard programming shortcuts (see pg. 2). Before attempting any re-programming, use the Unlock shortcut to disable Program Lock.

FN LAYER

Like all compact 60% keyboards, the TKO moves lesser-used key actions to the embedded Fn Layer.

So each key on the TKO can perform two unique actions: the standard "Top Layer" action and the alternate "Fn Layer" action (see pg. 4).

The alternate Fn Layer actions are legended on the front of the key (without the "gear" icon). Access them by holding the Fn key and then tapping the desired key. Release Fn to return to the Top Layer.

Users who need frequent access to the Fn Layer can assign an "Fn" key anywhere on the keyboard, or change Fn to act as a "toggle" key using the SmartSet App. Try assigning Fn to one or two of the HyperSpace keys for improved layer-shifting with your thumbs.

SMARTSET APP

Use the SmartSet App to customize lighting schemes, modify the base key layout, access special key actions and macro tools, or change settings.

Download the SmartSet App and save it anywhere on your PC or Mac. KinesisGaming.com/tko-support

Launching: First use the "v-Drive" shortcut (see pg. 2) to "connect" the v-Drive to your PC so the App can read and write to the configuration files stored in the keyboard's flash memory. Then launch the App.

Implementing: When you're done customizing the TKO, save your changes in the App. Then use the "Refresh" shortcut to preview the changes with the v-Drive connected. Or use the "v-Drive" shortcut to disconnect the v-Drive and resume normal keyboard operation.

RGB LIGHTING

Each of the TKO's 9 Profiles is pre-configured with a unique lighting scheme (see pg. 4). Choose one of the default schemes with the onboard "Profile" shortcut (see pg. 2), or create your own lighting scheme with the SmartSet App.

Key Lighting: Choose from 10 unique effects and customize the colors, direction, and speed. Or create your own Freestyle pattern by assigning any color to any key.

Edge Lighting: Choose from 6 customizable ambient lighting effects. Match the Key Lighting effect or design your own scheme.

Fn Layer Lighting: Frequent Fn layer users can assign contrasting effects to the Fn layer, or highlight critical embedded key actions with a different color.

Note: The SmartSet App is required to customize lighting schemes, but not to toggle between the 9 Profiles.

CHANGING SWITCHES

Each switch on the TKO can be swapped with any "MX-style" switch. Use the included extra switches to customize the feel of WASD or HyperSpace, or install your favorite style for a custom experience.

Removal: Using the wire-end of included tool, remove the keycap. Then use the tweezer-end to release the 2 front & back tabs and gently wiggle the switch while pulling up.

Installation: Align the 2 switch pins with the round receptors in the PCB and gently snap the switch into the plate. Press straight down to avoid bending the pins. Test the switch for functionality & then replace keycap.

Troubleshooting: If the new switch doesn't work, it's likely because the pins were bent during installation. Straighten bent pins with tweezers.

Note: Improperly removing and/or installing switches can damage the keyboard and void the warranty.

HYPERSPACE KEYS

The HyperSpace triple space bar offers enhanced performance and ergonomics by giving you three programmable thumb keys under in an otherwise standard layout.

Experiment with different thumb key actions, Fn, macros, and mouse clicks to find your ideal layout for both typing and gaming.

Space Bar Swap: Prefer to use a full-size space bar for a conventional typing experience? No problem, HyperSpace is 100% modular!

Follow the instructions at left to remove the 3 keycaps & switches. Then remove the 2 small stabilizers by depressing the tabs on the back of each housing, then rocking them forward until they slide up & out. Slide in the included big stabilizer and snap it into the plate. Re-install the middle key switch, install the two switch covers in the empty holes. Then install the included standard space bar keycap.

Please read this Quick Start Guide before attempting to program the keyboard, engage tenting or tilting, or remove any switches. Download the full User Manual and SmartSet App at KinesisGaming.com/tko-support.

SMARTSET ONBOARD PROGRAMMING

With the SmartSet Engine, there are 3 ways to custom program your TKO keyboard: 1) Onboard Programming, 2) the SmartSet App (Windows or Mac), and 3) Direct Editing of .txt configuration files.* Unlike other keyboards, the TKO doesn't require the installation of any special drivers or software for onboard programming, and all custom settings are saved directly to the keyboard's 4MB virtual flash drive (the "v-Drive") instead of your PC.



The SmartSet Key

Onboard programming is the quickest and easiest way to customize your TKO. Use the onboard shortcuts listed below to change Profiles, customize the key layout (Remap or Macro), and change settings on-the-fly. The SmartSet Key LED flashes to confirm commands and continuous flashing indicates ongoing programming (tap SmartSet again to exit). Onboard programming is a powerful tool so use the SmartSet key with caution.

All TKO keyboards have "Program Lock" engaged from the factory to prevent accidental programming. First disable Program Lock using the "Lock" shortcut below to enable onboard programming and v-Drive access. To activate an onboard shortcut, hold the SmartSet key, then hold Right Shift, and then tap the desired shortcut key. Shortcuts are legended with the SmartSet gear icon to distinguish them from Fn-layer actions.

PROFILE	STATUS	LOCK	REMAP	v-DRIVE	REFRESH	NKRO	MACRO	GAME	TOURNEY	RESET
⚙️ + R. Shift + 1-9	⚙️ + R. Shift + Z	⚙️ + R. Shift + X	⚙️ + R. Shift + C	⚙️ + R. Shift + V	⚙️ + R. Shift + B	⚙️ + R. Shift + N	⚙️ + R. Shift + M	⚙️ + R. Shift + ,	⚙️ + R. Shift + .	⚙️ + R. Shift + /
Tap the desired number key to load any of the 9 Profiles. <i>Note: Default lighting schemes for each of the 9 Profiles are shown on page 4 of this guide.</i>	Print-to-screen a report of current keyboard settings (e.g., Active Profile, Lighting etc). <i>Caution: Make a text editing window active before running a Status Report!!!</i>	Disable <i>Program Lock</i> before reprogramming the keyboard or connecting the v-Drive. <i>Note: Use this same command to re-lock keyboard programming.</i>	Use the shortcut to enter <i>Remap Mode</i> : 1) Tap the desired <i>Source</i> key action, 2) Then Tap the desired physical <i>Destination</i> key location.	Connect the v-Drive to your PC so the SmartSet App can read & write to the TKO's configuration files. <i>Note: Keep v-Drive disconnected when App is not in use.</i>	Refresh Keyboard Settings, Layout, and Lighting. <i>Note: Use Refresh to preview your SmartSet App changes since the App does not update the TKO dynamically.</i>	NKRO enables unlimited simultaneous key presses for maximum performance. <i>Note: Unplugging or connecting the v-Drive disables NKRO Mode.</i>	Use the shortcut to enter <i>Macro Record Mode</i> : 1) Select the <i>Trigger</i> key(s), 2) Type the macro. Tap the SmartSet Key to end recording.	<i>Game Mode</i> disable the Windows key action. <i>Note: Protects you from interrupting your game by accidentally tapping the Windows key.</i>	Enable <i>Game Mode</i> and <i>NKRO Mode</i> , and disable <i>Macro</i> playback. <i>Note: Disabling Game Mode and NKRO, and restoring macro playback done individually.</i>	<i>Soft Reset</i> erases all Remaps and Macros in the active Profile. <i>Note: Hold these keys down during plug-in to Hard Reset the TKO to factory default settings.</i>
💡 4x: Loaded	💡 4x: Status Run	💡 4x: Locked 2x: Unlocked	💡 Fast: Source Slow: Destination	💡 4x: Connected 2x: Disconnected	💡 4x: Refreshed	💡 4x: NKRO On 2x: NKRO Off	💡 Fast: Trigger Slow: Contents	💡 4x: Game On 2x: Game Off	💡 4x: Tourney On	💡 4x: Soft Reset

*Consult the User Manual for detailed instructions regarding Onboard Programming, the SmartSet App, and Direct Editing: [KinesisGaming.com/tko-support](https://www.kinesisingaming.com/tko-support)

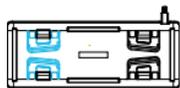
TENTING

Conventional flat keyboards force you to play with your palms facing the desk which causes harmful FOREARM PRONATION. Playing in this posture reduces blood circulation which can lead to various repetitive strain injuries.

The TKO is the first non-split keyboard to offer an ergonomic TENTING solution that elevates the thumb-side of either hand during gameplay to maximize PERFORMANCE, COMFORT, and STAMINA.

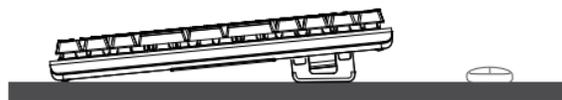
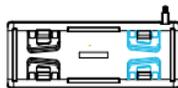
Left Hand Tenting:

Flip out the **BIG LEGS** on the right side of the TKO for 5° of tenting for your left hand.



Right Hand Tenting:

Flip out the **BIG LEGS** on the left side of the TKO for 5° of tenting for your right hand.



Note: TKO tenting is only intended for gameplay where one hand is on the keyboard, and the other hand is on the mouse. Attempting to type normally with both hands on the keyboard while the TKO is tented will put a large amount of strain on one of your hands and will result in injury. If you are enjoying tenting for gaming and also want to type in that posture, consider a split keyboard like the Kinesis Gaming Freestyle Edge RGB.

Learn More about Tenting, Tilting, and Keyboard Ergonomics at KinesisGaming.com/ergonomics

Federal Communication Commission Interference Statement - This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: (1) Reorient or relocate the receiving antenna, (2) Increase the separation between the equipment and receiver, (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected (4) Consult the dealer or an experienced radio/TV technician for help.

TILTING

Most keyboards feature a 5° positive tilt, and many include “pop-up” feet to produce even more tilt. This posture may feel familiar, but it causes harmful WRIST EXTENSION which can lead to repetitive strain injuries.

The TKO was designed to feature an ergonomic 0° slope to keep WRISTS NEUTRAL. However, the keyboard can be tilted forward or back to suit your PREFERENCES.

Negative Tilt:

Flip out the **SMALL LEGS** on the front of the TKO for 5° of negative tilt to further reduce wrist strain.



Positive Tilt:

Flip out the **SMALL LEGS** on the back of the TKO for 5° of positive tilt to get a conventional feel.



*Note: The two **BIG LEGS** on the front edge can be used to produce 10° of negative tilt, but that configuration is only recommended if you have a padded palm support or keyboard tray.*

*Note: The two **BIG LEGS** on the back edge can be used to produce 10° of positive tilt, but that configuration creates a very harmful typing posture and is not recommended at all.*

IN THE BOX

- TKO Keyboard
- Detachable USB-C Cable
- Travel Case
- Dual Keycap & Switch Removal Tool
- 8 Extra Kailh Box Mechanical Switches
- 2 HyperSpace Switch Covers
- Full-size Spacebar Keycap and Stabilizer

FEATURES

- Standard 60% Dual-Layer Layout
- SmartSet Programming Engine
- Modular "HyperSpace" Triple Space Bar
- "Hot-swap" PCB Design
- Anodized Aluminum Plate
- Double Shot PBT Keycaps
- 16.8M Color Dual Zone RGB Backlighting
- Kailh Box Mechanical Switches
- 9 Customizable Profiles
- NKRO Mode and Game Mode
- 1ms Response Time and 100% Anti-Ghosting
- 4MB Onboard Flash Memory (the "v-Drive")

SYSTEM REQUIREMENTS

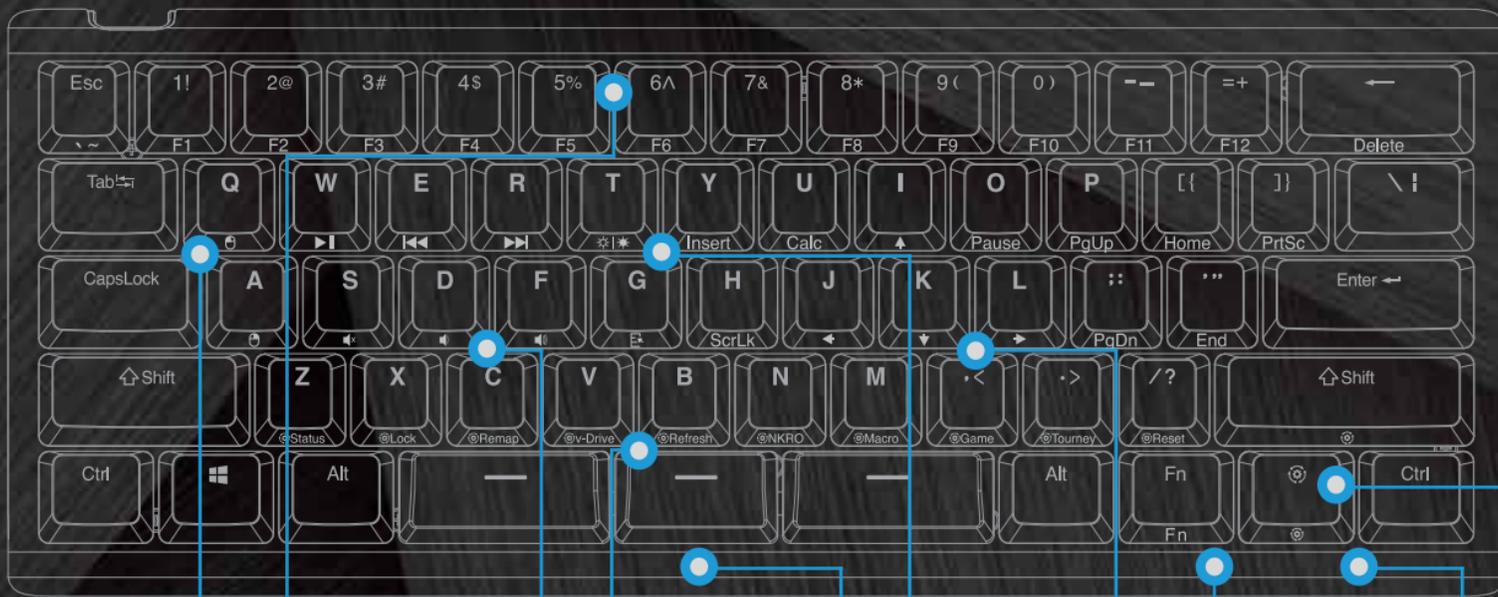
Keyboard:

- PC with full-size USB Port
- Windows 7-10, macOS, Linux, or Chrome OS

SmartSet App:

- Windows or macOS
- 25MB of Hard Drive Space
- Internet Connection (Download Only)

GET TO KNOW YOUR TKO KEYBOARD



Mouse Clicks (Fn)

Left and Right mouse clicks accessed via the Fn Key and Q/A. *Note: Disabled when v-Drive is connected.*

Media Actions (Fn)

Volume and Playback controls accessed via the Fn Key and W/E/R/S/D/F. *Note: Disabled when v-Drive is connected.*

HyperSpace Keys

Customize the three programmable HyperSpace "space" keys or install the conventional space bar.

Arrow Keys (Fn)

Arrows accessed via the Fn Key and I/J/K/L for maximum speed without leaving the home row.

SmartSet Key

Hold the SmartSet Key, then hold Right Shift and then select the corresponding onboard shortcut (see pg. 2).

Profiles

Profile 1 is pre-loaded. Toggle between each of the 9 Profiles using the SmartSet Key, Right Shift and 1-9.

Onboard Shortcuts

Use SmartSet, Right Shift and the keys in the bottom row to trigger the most common onboard shortcuts (see pg. 2).

Lighting (Fn)

Use the Fn Key in combination with T to toggle the Key Lighting and Edge Lighting On and Off.

Fn Key

Hold the Fn Key down to momentarily access the embedded Fn actions. Use the SmartSet App to move Fn.

Programming LED

The SmartSet key LED will flash to confirm programming commands or to prompt further action.

CUSTOMIZING HYPERSPACE KEYS

All 3 HyperSpace keys are pre-configured to perform "space". To unlock the true potential of HyperSpace, try configuring one or two of the keys to perform alternate actions like Fn, Enter, Backspace (and more) to boost gaming and typing performance by transferring hard to reach actions to your powerful thumbs.

DEFAULT LIGHTING SCHEMES

Load the Profile with your favorite color scheme, or use the SmartSet App to design your own.

1	RGB WAVE	Default Profile
2	RGB SPECTRUM	3 CYAN REACTIVE
4	YELLOW RAIN	5 PURPLE REBOUND
6	WHITE RIPPLE	7 RED
8	GREEN	9 BLUE

TECHNICAL SUPPORT & DOWNLOADS

For tech support resources and technicians:

 [KinesisGaming.com/tko-support](https://www.kinesisingaming.com/tko-support)

Love It?
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Need Help?
Submit a
Ticket!

