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 second key from the right in the bottom row is the dedicated SmartSet programming key (see pg.4). The SmartSet key controls the onboard programming shortcuts listed below and others described in the User Manual. The SmartSet Key LED flashes to confirm commands and continuous flashing indicates ongoing programming (tap SmartSet again to exit). The SmartSet key cannot be reprogrammed.

To activate an onboard shortcut, hold the SmartSet key, then hold Right Shift, and then tap the desired shortcut key.

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.	Print-to-screen a report of current keyboard settings (e.g., Active Profile, Lighting etc).	Enable Program Lock to disable all shortcuts except Profile Toggle to prevent accidental	Use the shortcut to enter <i>Remap Mode</i> : 1) Tap the desired	Connect the v-Drive to your PC so the SmartSet App can read & write to the TKO's	Refresh Keyboard Settings, Layout, and Lighting. Note: Use Refresh	NKRO enables unlimited simultaneous key presses for maximum	Use the shortcut to enter <i>Macro Record Mode</i> :	Game Mode disable the Windows key action.	Enable <i>Game</i> <i>Mode</i> and <i>NKRO</i> <i>Mode</i> , and disable Macro playback.	Soft Reset erases all Remaps and Macros in the active Profile
Note: Default lighting schemes for each of the 9 Profiles are shown on page 4 of this guide.	Caution: Make a text editing window active before running a Status Report!!!	programming. Note: Use this same command to un-lock keyboard programming.	Source key action, 2) Then Tap the desired physical Destination key location.	configuration files. Note: Keep v-Drive disconnected when App is not in use.	to preview your SmartSet App changes since the App does not update the TKO dynamically.	performance. Note: Unplugging or connecting the v-Drive disables NKRO Mode.	Trigger key(s), 2) Type the macro. Tap the SmartSet Key to end recording.	Note: Protects you from interrupting your game by accidentally tapping the Windows key.	Note: Disabling Game Mode and NKRO, and restoring macro playback done individually.	Note: Hold these keys down during plug-in to <i>Hard</i> <i>Reset</i> the TKO to factory default settings.
🌣 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: Reset

^{*}Consult the User Manual for detailed instructions regarding Onboard Programming, the SmartSet App, and Direct Editing: KinesisGaming.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.





Watch and learn on

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:

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

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





be tilted forward or back to suit your PREFERENCES.





Note: TKO tenting is only intented 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 could 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.

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.

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 to radio or required, in tot installation. This equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment of and on, the user is encouraged to try to correct the interference to radio or television reception, which can be determined by turning 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.



Submit a Meed Help?

Review!

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KinesisGaming.com/tko-support

or tech support resources and technicians: TECHNICAL SUPPORT & DOWNLOADS

8 9 WHITE RIPPLE T YELLOW RAIN 2 PURPLE REBOUND Х вев ѕрествим CYAN REACTIVE Default Profile RGB WAVE

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

DEFAULT LIGHTING SCHEMES

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

COSTOMIZING HYPERSPACE KEYS

further action. commands or to prompt flash to confirm programming The SmartSet Key LED will Programming LED onboard shortcut (see pg. 2). select the corresponding

with the SmartSet App. above. Customize actions the secondary actions shown Hold the Fn Key to access

Lighting On and Off. the Key Lighting and Edge combination with 1 to toggle Use the Fn Key in

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

9 Profiles using the SmartSet loggle between each of the

Key, Right Shift and 1-9.

SYSTEM REQUIREMENTS

Windows 7-10, macOS, Linux, or Chrome OS

- 4MB Onboard Flash Memory (the "v-Drive") - Ims Response Time and 100% Anti-Ghosting
 - NKRO Mode and Game Mode

Internet Connection (Download Only)

50MB of Hard Drive Space

PC with full-size USB Port

- Windows or macus

SmartSet App:

Keyboara:

- 9 Customizable Profiles
- 16.8M Color Dual Zone RGB Backlighting
- "Hot-swap" PCB Design Optional "HyperSpace" Triple Space Bar
 - SmartSet Programming Engine
 - Standard 60% Dual-Layer Layout

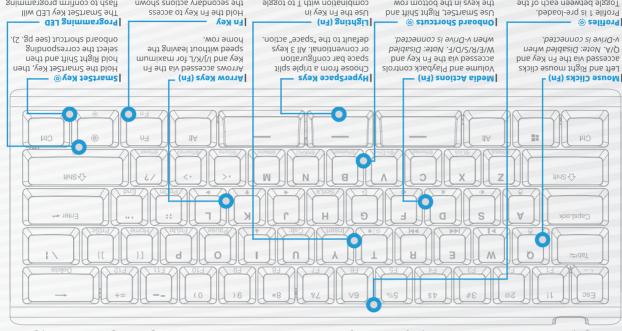
FEATURES

2.25u, 1.5u and 2.25u split space bar) bottom row and either 6.25u space bar or 61 or 63 Cherry MX style Keycaps (1.25u el or 63 Mechanical Keyswitches (3 or 5 pin)

SOLD SEPARATELY & REQUIRED FOR USE

- 2 HyperSpace Switch Covers
- Detachable USB-C Cable - IKO Barebones Keyboard Kit

IN THE BOX



The graphic below indicates the default Top layer and Fn layer actions, and the hard-coded Onboard Programming Shortcuts (see pg. 2)

GET TO KNOW YOUR TKO KEYBOARD

TKO BAREBONES QUICK START GUIDE (KinesisGaming

GETTING STARTED

The TKO is does not require any software or special drivers for basic use. Install switches and keycaps and you are ready to go.

Profiles: The TKO has 9 fullycustomizable 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).

Attention Macro Users: Download and install the firmware update for full macro functionality.

INSTALLING SWITCHES

The TKO is compatible with any 3-pin or 5-pin "MX-style" switch without any soldering. Choose "RGB" style switches with a clear housing to support key backlighting.

Spacebar: Install 1 switch and the 2 included switch covers for a basic spacebar, or install 3 switches for the HyperSpace split spacebar.

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 a switch doesn't work, it's likely because the pins were bent during installation. Carefully remove the switch and straighten the bent pins with

INSTALLING KEYCAPS

The TKO features a standard 60% layout with 1.25u bottom row and 6.25u space bar. Any standard MXstyle mechanical keycap set with a 1.25u bottom row will fit.

HyperSpace: To take advantage of the split spacebar configuration, you'll need two 2.25u keycaps and stablizers, and one 1.75u keycaps

Programming Key: The second keyswitch from the right in the bottom row is the dedicated "SmartSet" programming key (see pg. 2). We recommend installing a special keycap in this position to remind you of its special functionality.

Note: Improperly installing and removing switches and keycaps can damage the keyboard and void the

FNLAYER

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 for the default actions). Each action is fully programmable.

Access the secondary 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 preconfigured 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

This is a "DIY" keyboard kit. Mechanical keyswitches and keycaps are required for functionality and are sold-separately.