CTI ELECTRONICS

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Operating Instructions
Backlit Sealed Keyboard - Intensity Adjustment
Drawing Number 811675

Applicability

These operating instructions are applicable to the CTI Electronics backlit sealed keyboards. There are two versions of the backlit sealed keyboards, The KI6000-BX Series has keyboard functionality, and the KIA6000-BX Series has keyboard with ArrowMouse™ functionality.
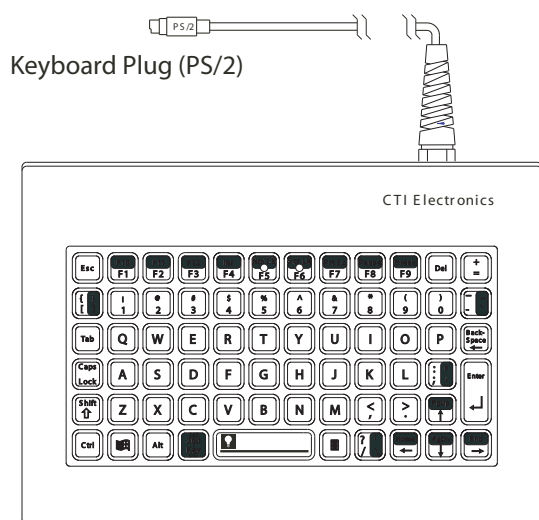
"BR" versions are backlit red, and "BG" versions are backlit green. Please refer to the applicable keyboard documentation for control key locations.
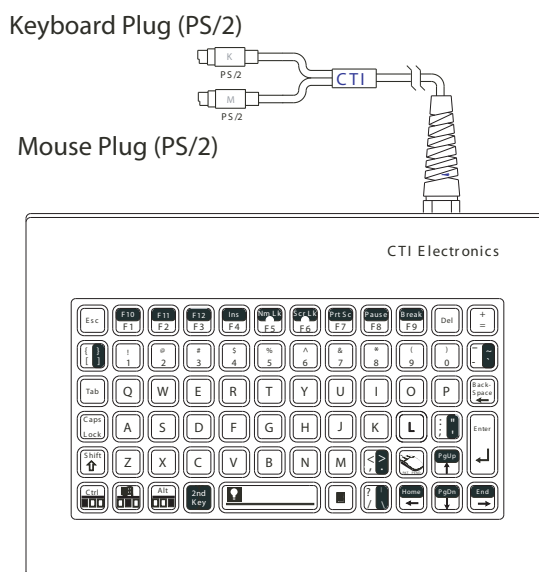
Connect the Keyboard

The backlit keyboard has a shielded cable with one plug for the connection of the keyboard and one plug for the connection of the ArrowMouse™ (if applicable) to the Host PC.
Power requirements for the backlit keyboard are less than 100mA @ 5VDC (typical), and all power required for backlighting is taken from the keyboard port of the Host PC.

KI6000 Series: Connect the PS/2 keyboard plug to the keyboard port of the host computer. Then, start up the host computer.

KIA6000 Series: Connect the PS/2 plug marked "K" to the keyboard port of the host computer. Connect the PS/2 plug marked "M" to the mouse port of the host computer. Then, start up the host computer.

Model Number KI60P0-Bx Series Shown

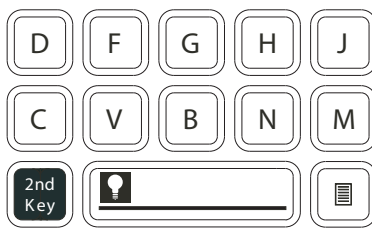Model Number KIA60P0-Bx Series Shown

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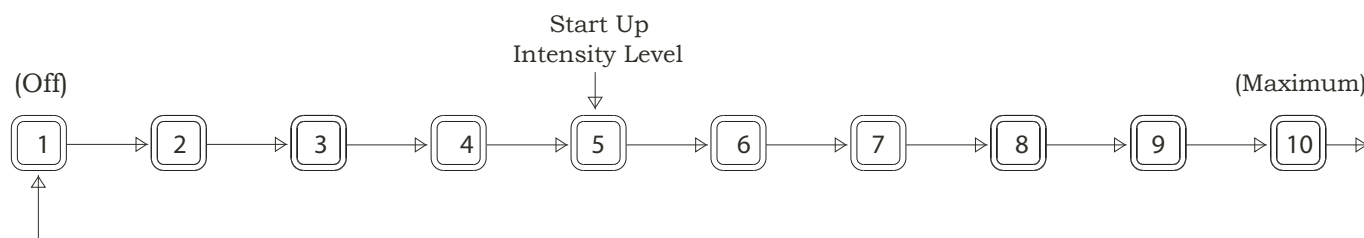### The Dimming of the Backlit Keyboard: (KI6000-BX Series)

The Backlit Keyboard has 10 levels of light intensity. Upon initial startup, the back light intensity will be at the mid-scale level (Step 5 of 10 steps) on the intensity scale.

Backlight intensity can be changed by depressing and holding the "2nd Key" and then depressing the "Space Bar". This action will increase the intensity from "Level 5" to "Level 6".

Location of "2nd Key" and "Space Bar"

Each time the "2nd Key" and "Space Bar" are depressed, the light intensity will increase by 1 step. When the intensity level reaches "10", the next step will be "1" (off). This scrolling function will continue for each "2nd Key" and "Space Bar" depression. This scrolling function is detailed below in Block Diagram format.

Scrolling Function of Back Light Intensity Control

The Dimming of the Backlit Keyboard with ArrowMouse™: (KIA6000-BX Series)

The Backlit Keyboard with ArrowMouse™ has 10 levels of light intensity. Upon initial startup, the back light intensity will be at the mid-scale level (Step 5 of 10 steps) on the intensity scale.

Backlight intensity can be changed by depressing and holding the "2nd Key" and then depressing the "Space Bar". This action will increase the intensity from "Level 5" to "Level 6".

Each time the "2nd Key" and "Space Bar" are depressed, the light intensity will increase by 1 step. When the intensity level reaches "10", the next step will be "1" (off). This scrolling function will continue for each "2nd Key" and "Space Bar" depression. This scrolling function is detailed above in Block Diagram format.

When the ArrowMouse™ function is enabled, the backlighting of the keyboard functions extinguish, leaving only the keys associated with the ArrowMouse™ function illuminated. When the keyboard function is enabled, all keys are again backlit. Please refer to CTI Document 811666 for a full description of ArrowMouse™ functionality.