

User's manual for all Deck 21 key backlit USB keyboards

System Requirements:

This device is designed for use with any computer with a USB port running Windows XP, Windows 2000, Windows Millennium Edition, or Windows 98, Mac OS9 or OS10 operating system. The keyboard uses the host computer's operating system software drivers and therefore do not require custom software drivers to be installed on the host computer prior to use. Deck does not provide a software driver.

Installation:

Although USB devices are "plug and play", you may need to enable your system's USB. If so, please consult your system's documentation. Connect the keyboard's data cord to a USB port. The system may "find new hardware" the first time the device is connected. If so, it will prompt you to find the best software driver for the device. This software driver should be found on your operating system disk. Please follow your system's prompts. The device is now ready for use.

In order to comply with FCC requirements and to legally use this keypad, the enclosed snap-on ferrite bead must be clamped onto the data cord of any device attached to the keypad via the keypad's downstream USB port. The ferrite bead should be installed on the data cord of the attached device at the point where the data cord exits the attached device.

Operation:

The keyboard functions similar to the numeric keypad on any other keyboard; the most noticeable difference is backlighting. The keyboard has 8 levels of brightness: "0" through "7" with "0" being off and "7" being full brightness. Their brightness level is changed by first holding down the "Fn" key down (it's located in the upper right-hand corner of the keypad), then press either "0" for "off", or "1" – "7" for the "on" brightness levels.

There is an additional "pulsing" backlighting mode that cycles the backlighting from "0" to "7" repetitively. This mode is entered by an "Fn" + "8" keystroke combination. It is exited by pressing any key; no data is sent to the computer when this key is pressed. The backlighting level returns to a pre-pulse mode level.

No information will be sent to the computer while the "Fn" key is held down and the "0" or "1" – "8" keys are pressed. In other words, the keyboard doesn't tell the PC these keys are being pressed. It also doesn't matter which key you release first. However, any other key press will be reported to the PC regardless of the state of the "Fn" key.

The keypad includes three multi-media keys for volume control of the computer.

This keypad is a USB hub with a single downstream port on its backside. Although the keypad is powered by the USB bus through the data cord, it tells the computer that it is self-powered so that the downstream port can provide more than 100mA to power devices like the Deck 82 key keyboard. Therefore, only 500mA maximum can be drawn from the keypads hardwired data cord for the keypad and whatever is connected to the downstream port.

You may wish to shorten your Deck 82 key data cord when connecting it to the keypad via the USB port. To do so, remove the bottom cover from your Deck 82 key using a Phillips head screwdriver and coil a portion of the data cord to remain inside. Then reinstall the bottom cover.

Finally, if a Deck 82 key keyboard is connected to the downstream port, the brightness level must be set on each unit independently. They do not communicate their brightness levels to each other due to the nature of the USB bus.

Electrical, Mechanical, Environmental, Regulatory:

This device operates from +5Vdc +/- 10% and draws 100mA maximum (w/o a device connected to downstream port).

Overall dimensions: 3.7" x 6" x 1.5"

Weight: 0.75 pounds

Storage temperature: -55°C (-67°F) to +85°C (185°F)

Operating temperature: -40°C (-40°F) to +70°C (158°F)

This device complies with FCC part 15, subpart B, class B

This device is a UL recognized component for Information Technology Equipment

Care and Maintenance:

No maintenance should be required. The keyboard may be occasionally cleaned using a damp, lint-free cloth.

Compliance Statement (Part 15.19)

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.

Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Additional Information can be found at <http://www.deckkeyboards.com>