

ZXP 2000 Illuminated Gaming Keyboard



User Guide

Version 1.5 (10-2007)

INTRODUCTION

The ZXP 2000 Gaming Keyboard is specifically designed to increase user performance and to enhance the gaming experience.

In addition to a full QWERTY standard keyboard you will find a left-hand Gaming Pad and many other features that provide advantages over standard keyboards such as:

- ▶ Illuminated keys for easier visibility in low-light conditions
- ▶ Ergonomic design for ultra comfort and control
- ▶ High concentration of easy-to-reach gaming keys plus 9 rubberized keys for better grip
- ▶ Gaming Pad area tilted 11 degrees to match natural hand position
- ▶ 2 USB 2.0 High-Speed ports for various peripheral devices
- ▶ Ability to press multiple keys simultaneously reducing problematic phantom keys*
**An unintended key press resulting from simultaneously pressing keys on a keyboard*
- ▶ Multimedia keys and customizable hotkeys
- ▶ Microphone-in and Headset-out gold-plated jacks
- ▶ Combined navigation and number pad control with eleven one-click shortcuts
- ▶ High quality touch & feel, ABS finish with a durable long lasting design and a 10 million keystrokes guarantee
- ▶ Large anti-slip rubber feet allows for full traction while gaming
- ▶ 3x adjustable height settings
- ▶ Plug & Play ability; software not required for basic typing and in-game functionality*
**Some extended keys will not function without the software installed*

PACKAGE CONTAINS:

USB Gaming Keyboard, Documentation, Installation CD.

It is recommended to download the latest software at www.idealzone.com.

KEY FEATURES

ILLUMINATION & ILLUMINATION CONTROLS

The keys on the Gaming Keyboard illuminate through laser-etched keys. The illumination was designed to give gamers easier visibility of all keys in low-light conditions. There are four levels of backlighting (Off, Low (subtle), Medium (ambient), and High (intense)) and three color variations (Red, Blue, and Purple). Use the two keys located along the top of the Gaming Keyboard, to the right of the Hotkeys, to adjust the backlighting intensity and backlighting color, respectively.

EXTRA USB, HEADSET & MICROPHONE PORTS

The Gaming Keyboard comes fully equipped with the all necessary ports for your gaming peripherals. Use the Headset and Microphone jack located on the back of the Gaming Keyboard to connect your headset and mic. Use the two USB 2.0 (high speed) ports also located on the back to connect various USB peripheral devices.*

**The USB ports does not support high-powered devices. Please see the FAQ section for more information.*

MULTIMEDIA KEYS

The Gaming Keyboard provides a full set of multimedia control keys. Volume controls (+, -, and mute) work on the main Windows controls and remain active during game play. Play/pause, stop, back track, and next track keys are designed to work with Microsoft® Windows® Media Player version 6.4 and higher.

PROGRAMMABLE HOTKEYS*

Keys marked in Roman Numerals I, II, III located along the top of the Gaming Keyboard are fully programmable Hotkeys. By default, these Hotkeys correspond to the following actions:

Hotkey 1: Microsoft® Internet Explorer

Hotkey 2: Ideazon Home Page (<http://www.ideazon.com>)

Hotkey 3: Ideazon Zone (<http://community.ideazon.com>)

They can be easily reprogrammed to serve as quick links to your favorite applications, documents, folders and web addresses.

For more information about the programmable function of hotkey buttons, please refer to the Z Engine Software User Guide.

**The Hotkeys will not function without the necessary software installed.*

KEYBOARD HEIGHT ADJUSTMENT

The Gaming Keyboard comes equipped with adjustable legs under the base which can raise or lower the keyboard to three different height levels.

QWERTY STANDARD KEYBOARD AREA

The Gaming Keyboard offers an enhanced level of key functionality

COMBINED NAVIGATION AND NUMBER PAD KEYS

Eleven one-click shortcut keys offer faster and easier control of your computer. By default, the active commands are the ones labeled below including Cut, Copy, Paste, etc. Pressing the 'Num Lock' key enables the standard number pad functionality.

The shortcuts are as follows:

- ▶ Mark Left - Mark text left Character by Character
- ▶ Mark Right - Mark text Right Character by Character
- ▶ Cut - Cut selected text/items
- ▶ Copy - Copy selected text/items
- ▶ Paste - Paste selected text/items
- ▶ Find - Find text/items within a document
- ▶ Show Desk - Show Desktop
- ▶ My Comp - Opens 'My Computer'
- ▶ Restore - Restore current active window
- ▶ Maximize - Maximize current active window
- ▶ Close - Close current active window

GAMING PAD

The Gaming Pad provides a dedicated gaming terrain to let you play the full spectrum of today's PC games and to enhance the gaming experience, through an advanced layout and built in technological advances including:

- ▶ Ergonomic gaming keys that are enlarged and sloped to help keep fingers comfortable for hours of gaming
- ▶ Gaming Pad tilted 11 degrees to match natural wrist position
- ▶ 9 primary movement keys are rubberized for better grip
- ▶ Critical gaming keys within reach with the one hand control zone
- ▶ Unique combination of concave and convex shaped action keys provide responsive feel
- ▶ Ability to register up to 6 simultaneous gaming key-strokes, in comparison to 2-4 on most other keyboards, e.g. Jump, move forward, lean left, change weapons and shoot at the same time!
- ▶ Proprietary Z Engine Software that supports today's biggest games. Choose pre-defined key layouts or create your own from a list of supported game titles.

COLORED LED LIGHTS

In addition to the 3 colored LED lights that most traditional keyboards have to indicate when the Caps Lock, Num Lock, and Scroll Lock keys are active, the Gaming Keyboard has two additional LEDs: the 'Enabled' LED, and 'Action' LED.

'ENABLED' LED

The 'Enabled' LED indicates that the currently chosen keyboard layout (Mod file) used by the Z Engine Software matches the game active on screen. This indicates that the mapping shown will match the game's default keyboard game settings.

NOTE: If the 'Enabled' LED is not illuminated, this DOES NOT indicate a technical problem.

'ACTION' LED

The "Action" LED indicator is reserved for future functionality via software updates.

SYSTEM REQUIREMENTS

In order to take full advantage of your device, your computer requires the following minimum system specifications and components:

MINIMUM SYSTEM REQUIREMENTS

- ▶ IBM® PC or compatible system with 1 GHz processor.
- ▶ Windows® Vista/Vista x64 Edition, Windows® XP Home or Professional/Professional x64 Edition, Windows® 2000 (SP3 or higher)
- ▶ Available USB port
- ▶ 200 MB Free Hard Drive Space
- ▶ 256 MB RAM

INSTALLING THE Z ENGINE SOFTWARE

INSTALLATION INSTRUCTIONS

It is highly recommended installing the latest software version downloadable from www.ideazon.com.

NOTE: Your installation screens may vary depending on which version of Microsoft® Windows® you are using.

NOTE: You must be logged on as an Administrator to install.

In order to use some extended functionality the Z Engine™ software must be installed.

1. Connect the Z Engine compliant device to an available USB port on your computer and wait for Windows to auto-recognize the keyboard and automatically install the basic drivers. After 10-20 seconds a balloon will pop up, stating 'Your hardware is ready for use'.
2. Double-click the latest installation software you downloaded or place the Z Engine Installation CD in the CD-ROM drive. NOTE: The "Auto-run" feature should start the installation process automatically. If installation does not begin automatically, open "My Computer", click on the CD ROM drive (Usually marked "D"), and double-click "SETUP.EXE".
3. In the "License Agreement and Limited Warranty" window, click 'Yes' if you accept the terms.

If you do not accept the terms, the Z Engine Software installation will be aborted and you will not be able to take full advantage of all the features of your Z Engine compliant device.

4. In the "Choose installation directory" window, note the default directory of the Z Engine Software. It will be installed to "C:\Program Files\Ideazon\ZEngine". To install the Z Engine Software in the default directory click Next. To install the Z Engine Software in a directory of your own choosing, click 'Browse' and choose a directory.
5. Click "Install" to begin the installation.
6. Installation of the Z Engine Software will now begin. The status bar indicates the percentage of completion.


Note: The Z Engine requires that Microsoft .NET Framework 2.0 be installed on the computer. The process includes the .NET Framework 2.0 installation for those who don't have it installed already. The .NET Framework 2.0 is also freely available using the Microsoft 'Windows Update' feature.


7. Follow the instructions on your screen.


After installation is complete a green 'Z' tray tool icon will appear in your System Tray. You can access the Z Engine Software in various ways including pressing the key labeled 'Z' on your Z Engine compliant device, double-clicking the tray tool icon or via 'Start>Programs' in the Start menu.

Z ENGINE SYSTEM TRAY ICON

You will see a small 'Z' tray icon in your Microsoft® Windows® System Tray that offers fast access for various features.

 (Green) indicates that the Software is working properly and at least one Z Engine compliant device is connected to the PC.

 (Yellow) indicates that at least one of the Z Engine compliant devices connected to the computer is working and at least one device is not working.

 (Red) indicates that there is no Z Engine compliant device connected to the computer OR there is a problem with the Z Engine Software.

The Z Engine System Tray icon also provides quick access to several features by right-clicking on it and choosing the appropriate option.

Z ENGINE SOFTWARE IN-DEPTH

Complete with pre-defined user layouts (key mappings) for the biggest games, advanced customization and remapping abilities, multi-devices support, robust content and updates, and other in-development add-ons; Z Engine Software is your Gaming companion.

To access the Z Engine Software from the System Tray icon, double-click or right-click on it and choose the appropriate option. This will open the main window of the software. There are other ways to open the software such as 'Start'>'Programs', or pressing the key on the Z Engine compliant device labeled 'Z'.

For full help and details on the Z Engine software please refer to the Z Engine Software User Guide which can be found under the 'Help' section of the Z Engine Software.

UNINSTALLING Z ENGINE SOFTWARE

1. Click Start > Control Panel (or Start > Settings > Control Panel, depending on which version of Microsoft® Windows® you are using).
2. Double-click on the Add/Remove Programs icon.
3. Search the list for "Z Engine" or similar. Click 'Remove' to start the uninstall process.

FREQUENTLY ASKED QUESTIONS

(Question):

My Z Engine System Tray icon stays red.

(Answer):

Check to ensure that the Z Engine compliant device is properly attached to a USB port at the back of the PC.

Ensure you are not using any intermediate devices between your gaming device and your PC such as PS/2>USB converter, KVM or other PC switch, or cable extension cord.

Uninstall and reinstall the Z Engine Software with the device plugged in.

Ensure your "USB Legacy Support" or "USB Emulation" settings in your BIOS are "Enabled" or "On" – OR - try changing your BIOS settings to "Normal Boot" and not "Rapid/Fast Boot"

(Question):

The 'Enabled' LED is never on

(Answer):

The 'Enabled' LED is ON only when you are playing a game that matches the active Mod file. If you've created a Custom Mod make sure to assign the appropriate Game Executable (EXE).

(Question):

Some of my multimedia control keys don't work and I can't re-assign them for any other function

(Answer):

The Multimedia control keys (Back Track, Stop, Play/Pause and Next Track) are designed for Windows® Media Player version 6.4 or higher. For Winamp support, simply 'Enable' Global Hotkeys in Winamp's 'Options'>'Preferences' dialog.

(Question):

After plugging in a device to the USB ports on the back of the Gaming Keyboard, I receive a popup message '*USB hub power exceeded*' or similar

(Answer):

The USB ports may not support some high-powered devices. To work around this issue, disconnect the affected device from the passive hub and connect it directly to the USB ports on the back of the computer.

Check our online support at www.idealzon.com if you require additional support.

CARE INSTRUCTIONS

Like any other peripheral for your computer, this hardware is a sensitive electronic device that must be handled with care. Please consider the following handling, cleaning, and storage recommendations.

Handling your gaming device with the proper degree of care will ensure it provides you with enjoyment for years to come.

HANDLING

When handling the device, please take the following precautions:

- ▶ Keep components out of reach of small children. Individual keys may be pried loose and may present a choking hazard.
- ▶ Never expose the device to liquid. Each component has sensitive electronics that will be destroyed by contact with water, coffee or other liquids. When cleaning, use a damp cloth.
- ▶ Exercise caution when storing your hardware. Do not expose to temperature extremes, and do not rest heavy items on top of it.
- ▶ Keep away from heavily dusted environments

CLEANING

To clean the device, wipe with a mildly damp cloth. Never immerse in water, as the unit contains sensitive electronic components that may be destroyed, voiding your warranty.

Do not use any harsh cleaners or disinfectants on your gaming device. A damp cloth with a dab of dish-washing detergent or "Computer Case and Monitor" cleaning solution, available at any computer store will be sufficient.

STORAGE

When not in use, store your gaming device in a dust-free area, preferably in its original packaging.

Keep all the components away from sources of major heat (baseboard heaters, car dashboard, etc.).

Keep the gaming device away from any major magnetic sources.

HEALTH WARNING

As with many activities, when using a computer, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of the body. If you experience symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness, **DO NOT IGNORE THESE WARNING SIGNS. PROMPTLY CONSULT A QUALIFIED HEALTH PROFESSIONAL.**

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