

SVEN[®]

Mechanical
Gaming Keyboard

USER MANUAL



KB-G9500

www.sven.fi

Congratulations on the purchase of Sven keyboard!

Please read this User's Manual before using the unit and retain this User's Manual in safe place for future reference.

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UNPACKING

- Unpack the device carefully. Make sure there are no accessories left in the box. Check up the device for damage; if the product was damaged during transportation, address the firm which carried out the delivery; if the product functions incorrectly, address the dealer at once.
- Shipping and transportation equipment is permitted only in the original container.
- Does not require special conditions for realization.
- Dispose of in accordance with regulations for the disposal of household and computer equipment.

APPLICATION

KB-G9500 keyboard is an input device. It is designed to enter information into the computer, as well as control the operation of the computer.

PACKAGE CONTENTS

- Keyboard – 1 pc
- Stand – 1 pc
- User Manual – 1 pc
- Warranty card – 1 pc

SPECIAL FEATURES

- Software for keys programming and backlighting management
- Lock Win key
- Keyboard brightness backlighting adjustment
- Removable wrist rest
- Durable braided cable

SYSTEM REQUIREMENTS

- OC Windows.
- Free USB port.

INSTALLATION

- Connect the keyboard to an available USB port of your PC.
- Installation of keyboard is automatic after its connection to USB port of PC.

INSTALLATION OF THE SOFTWARE

Keyboard software is available on the official SVEN website. After downloading and installation, the software provides setting of backlight operation modes, assignment of function keys and macro programming.

Customize keyboard modes in the Main Keyboard menu



Fig. 1.

From this menu, you can select and configure the **Light Setting** backlight modes and directly adjust the **Button Setting** keyboard keys. All parameters are reset by pressing **Restore**, pressing **Apply** saves the user-created key configuration. Exit the save program is done by clicking **OK**, without saving the settings – **Cancel**.

Setting the Light Setting backlight modes



Fig. 2.

In **Mode** menu, nine **Light Mode 1 – Light Mode 9**, modes are selected, in which the brightness of the backlight mode is set to **Brightness**, and the speed (frequency) of the backlight flicker to **Speed**.

Light Mode 1	Keyboard backlight without flicker. Brightness control available.
Light Mode 2	Backlit keyboard with shimmer. Adjusts the brightness and frequency (time) of illumination of the keyboard keys.
Light Mode 3	Sequential multi-directional illumination of a certain number of keyboard keys (snake effect). Adjusts the brightness and speed of the keypad backlight.
Light Mode 4	Keyboard key illumination. Adjusts the brightness and time of illumination of this button.
Light Mode 5	Multiple directional illumination of a keystroke of a certain number of keystrokes in which the keypad key is pressed (wave effect on a line). Adjusts the brightness and speed of the keypad backlight.
Light Mode 6	Multiple directional illumination from a keystroke of a certain number of keyboard keys (wave effect on the keyboard). Adjusts the brightness and speed of the keypad backlight.
Light Mode 7	Turn off the backlight by pressing a keyboard key. Adjusts the brightness and dimming time of this button.
Light Mode 8	Multiple directional illumination from a keystroke of a certain number of keyboard keys (the effect of a traveling wave on the keyboard). Adjusts the brightness and speed of the keypad backlight.
Light Mode 9	Multi-directional illumination from the key pressed on 3-5 keys in 5 lines of the keyboard (the effect of a light spot on the keyboard). Adjusts the brightness and speed of the keypad backlight.

Button Setting keyboard shortcuts

In **Button Setting** menu window, the following modes with **Function** are provided for setting the keyboard keys:

- **Default** mode to restore the original keyboard key functions;
- **Key** mode for reassigning certain keyboard keys;
- **Multimedia** mode for assigning keyboard keys to multimedia functions from the list of possible;
- **Macro** mode for assigning keyboard keys to user macros.



Fig. 3.

Restore the default keyboard shortcuts in Default mode

To reset the configuration settings of a given key, it is selected on the electronic keyboard of the interface. The color of the edit key will change from yellow to orange. **Function** menu field selects **Default** mode and is confirmed by clicking **OK**. After completion, the color illumination is goes out. Pressing **Apply** saves the user-created key configuration.



Fig. 4.

To reassign keyboard keys to Key mode

To reassign a key, it is selected on the electronic keyboard of the interface. The color of the edit key will turn orange. In **Function** menu field, the **Key** mode is selected and in **Input A Key** a new key value is entered from the keyboard and confirmed by pressing **OK**.



Fig. 5.

When done, the highlight color of the edit key changes to yellow. Pressing **Apply** saves the user-created key configuration.

Assign multimedia features in Multimedia mode

To assign a key to a multimedia function, it is selected on the electronic keyboard of the interface. The color of the edit key will turn orange. **Multimedia** mode is selected in the **Function** menu field and **Input A Mode Function** field specifies a multimedia function from among the possible and is confirmed by clicking **OK**.



Fig. 6.

When done, the highlight color of the edit key changes to yellow. Pressing **Apply** saves the user-created key configuration.

Assign macro keys to Macro mode

To assign a macro to a key, it is selected on an electronic keyboard interface. The color of the edit key will turn orange. **Macro** mode is selected in **Function** menu box and in Please Select **Please Select A Macro** field a macro is selected from the previously recorded one and is confirmed by clicking **OK**.



Fig. 7.

When done, the highlight color of the edit key changes to yellow. Pressing **Apply** saves the user-created key configuration.

Settings keyboard modes in the Main Keyboard menu

This menu records, edits, and deletes macros, as well as exporting and importing macros.



Fig. 8.

Creating macro

To create a macro in the panel, click the menu button . Program automatically creates its own macro named «**Macro 1**» and writes it to **Macro List** macro sheet. In **Macro Name** macro editor, you can change the suggested name to any.

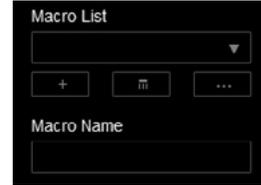


Fig. 9.

Deleting macro

In **Macro List** menu, select the macro that you want to delete, and then menu button . Macro deleted.

Save and load macro

To save panel press menu button , which prompts you to save the (**Import**) macro configuration file. Configuration file «**File.macro**» is stored in the **Config** folder of the software. The configuration file is downloaded by the **Export** command, specifying the path to the configuration file.



Fig. 10.

Macro recording

Before recording macro, you must set a temporary keystroke delay.

- The actual time delay will be in **Record Delay** mode;
- Fixed time delay will be in **Default Delay** mode with the ability to set the delay time in milliseconds;
- There will be no temporary delay in **No Delay** mode.

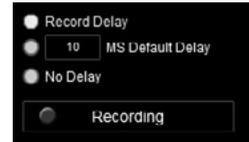


Fig. 11.

Recording command will record the macro. Completing the macro record will execute the **Stop** command .

Macro editing

Macro editor lets you do the following:

1.  edit macro rows.
2.  delete macro rows.
3.  move the cursor up.
4.  move the cursor down.

Macro string containing the key value is edited by clicking command .



Fig. 12.

New value is entered in **Input A Key** of **Edit Macro** window. The completion of editing is confirmed by clicking **OK**.

Macro string containing the time interval value is edited by clicking the command .

New value is entered in **Input Delay** box of **Edit Macro**. The completion of editing is confirmed by clicking **OK**.

Keyboard indication

- **Num Lock** – when you press the Num Lock key;
- **Caps Lock** – when you press the Caps Lock key;
- **Gaming** – when you press **Fn + WIN** (keypad lock on the WIN key).

TROUBLESHOOTING

Problem	Solution
Keyboard is not working.	<ol style="list-style-type: none"> 1. Disconnect keyboard from PC and check connector pins for possible damage. If there is no external damage found and connector pins are OK, connect keyboard to PC again. 2. We recommend to address the nearest authorized service center.

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Q-ty of keyboard keys, pcs	104
Keyboard layout	Eng/Rus/Ukr
OS compatibility	Windows
Interface	USB
Length of cable, m	1.8
Extrapolated mean life	more than 20,000,000 strokes
Dimensions keyboard, mm	440 x 153 x 38 (48)
Dimensions stand, mm	440 x 69 x 18
Keyboard weight, g	952

Notes:

- **Technical specifications given in this table are supplemental information and can not give occasion to claims.**
- **Technical specifications are subject to change without notice due to improvement of SVEN production.**

**Mechanical
Gaming Keyboard**

SVEN®

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