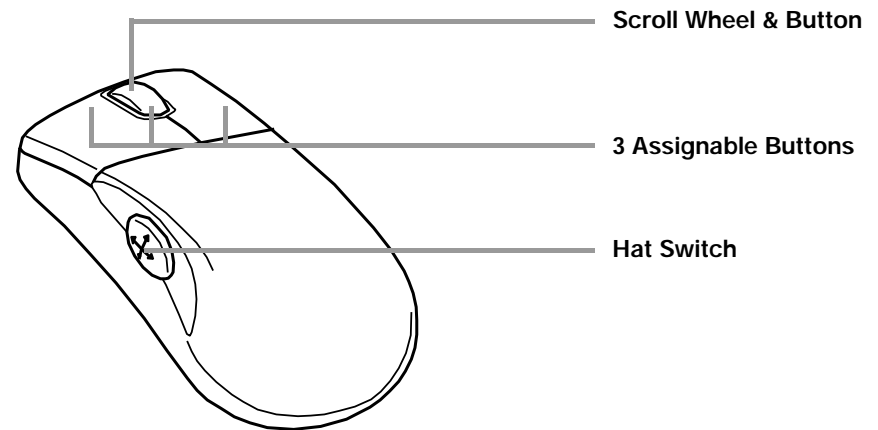
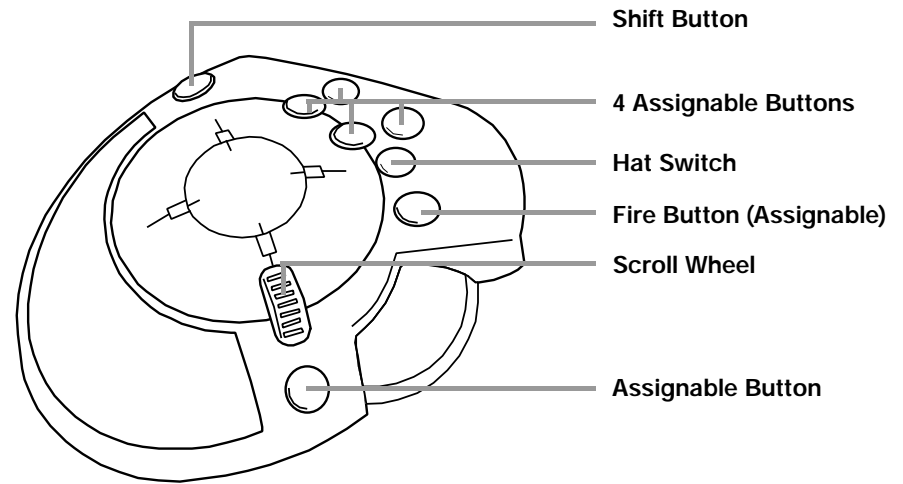


GM2



INTRODUCTION

Congratulations on your purchase of the Saitek GM2 Action Pad and Mouse. The GM2 is the first Action Pad and Mouse combination developed specifically for first person gamers. The GM2 removes the limitations placed upon the gamer by clumsy and complicated keyboard commands and liberates the full potential of both game and gamer. It comes complete with Saitek Gaming Extensions (SGE) software, which allows the user up to 40 programmable commands through an easy-to-use Windows interface.

Important Notice: You **must** install the product driver and Saitek Gaming Extensions (SGE) from the Saitek Product Companion CD in order for the GM2 to function. See the *Installing the Drivers and Programming Software for the Saitek GM2* section of this manual.

GM2 features:

- Ultra quick report rates through USB connection
- Class leading engineering
- Fully programmable using Saitek Gaming Extensions (SGE) software
- Pre-defined game profiles available on the Product Companion CD and from the Saitek website

Action Pad Features:

- 6 buttons
- 8-way hat switch
- Throttle Wheel (with self-centering or freewheel options)
- USB connection
- Shift button
- Programmability with up to 40 assignable commands
- Integral cable storage system

Action Mouse Features:

- Rotary scroll wheel
- 3 buttons
- 4-way hat switch

Minimum System Requirements

A Pentium class computer with 32Mb RAM and Windows® 98. Microsoft® Internet Explorer 4 and DirectX 7.0a or above are required to get the most from your games and controller. These are available on the Saitek Product Companion Disc that came with this product.

Games Compatibility

Your Saitek GM2 is specifically designed to work with games developed for Microsoft Windows® 98 and 95.

GETTING STARTED

Connecting the Game Mouse to the Action Pad

The GM2 Mouse is connected to the Action Pad by means of a simple telephone connector. Simply insert this connector into the port on the Action Pad until it clicks firmly into place.

Attention: You must attach the Mouse to the Action Pad before attaching the unit to the computer.

Installing your Saitek GM2

Important Notice: You must install the software from the Saitek Product Companion Disc before you connect your game controller to the PC.

- 1 With your computer switched on, close down any programs you are running and insert the Saitek Product Companion Disc.
- 2 When the Saitek Product Companion Disc Dialog Box appears, select your Saitek GM2 from the drop down list and click on the **Install** button.
- 3 In the next dialog box, click on **Yes** to agree with the installation of the Saitek GM2 and then click on **Accept** to agree to the license agreement.

Note : For your Saitek GM2 to work, you need to have a minimum of Microsoft® Internet Explorer 4 and DirectX 7.0a installed on your computer. This installation will automatically recognize if you already have them loaded on to your machine. However, if they are not present, you will need to take the following steps:

- If you are prompted to install Microsoft® Internet Explorer, click on **Install** and follow the on-screen instructions and then restart your computer when prompted.
 - If you are prompted to install Microsoft® DirectX 7.0a, click on **Install** and follow the on-screen instructions and then restart your computer when prompted.
- 4 At the Saitek Gaming Extensions screen, click on **Install** and follow the on-screen instructions and then restart your computer.
 - 5 When you are prompted, attach your Saitek GM2 to the computer and follow the on-screen instructions. To connect the GM2 Action Pad to your PC, simply insert the USB connector into a USB port on the computer until it clicks firmly into place.
 - 6 When the Test screen appears, test your controller's buttons and attributes. Your Saitek GM2 is now ready for gameplay, but first you should take time to run the Game Profile Wizard to get the most from your new controller (see next section).

Game Profiler Wizard

The Game Profiler Wizard allows you to download game profiles for your favorite games from either the Saitek Product Companion CD or the Saitek Website. These are profiles written by our in-house gamers to help you get the most from your new Saitek controller in as little time as possible. To run the Game Controller Wizard, follow these simple instructions:

- 1 After you have completed testing your Saitek GM2, you will then be asked to run the Game Profiler Wizard, click on **Yes** to proceed.
- 2 At the **Welcome** dialog box you will be prompted to Import the Game Profiles for your controller via either the Internet or the CD. Check the box next to **CD** and click on **Continue**. The software will scan your computer for those games you already have loaded and will load the corresponding profiles.
- 3 When the Game Profiler Wizard has completed loading the profiles, click on **Next** and then **Finish**.

Important Notice: If you connect the GM2 before installing the Saitek Gaming Extensions software, the Saitek GM2 will not operate correctly. To solve this problem, run the NukeUSB utility (found on the Saitek Product Companion Disc CD), remove the GM2, restart the machine and then continue the installation in the correct order.

Calibration

- 1 Click on **Start** and select **Settings**, then **Control Panel**.
- 2 Double-click the **Game Controllers** icon.
- 3 Select **Calibrate** under the **Settings** tab and follow the on-screen instructions.
- 4 Next click on the **Test** tab to check your calibration.
- 5 The Saitek GM2 has now been successfully installed and is ready for gameplay.

Using Another Mouse with the Action Pad Connected

If you have a favorite mouse that you still wish to use for your other PC tasks, you can still have it connected to the PC via a PS/2, Serial or another USB port, while the GM2 is connected. Both the GM2 mouse and your original mouse will simultaneously report mouse functions; so, just put to one side the mouse you do not wish to use.

Note: It is recommended that you try using the GM2 Mouse for your day-to-day PC usage for an all-round improved performance. Its ultra fast report rates, class leading engineering, scroll wheel and hat switch will improve your speed in everything from word processing to web-browsing. Also, the GM2 Mouse has a superbly comfortable design that sits perfectly in the hand, giving you hours of fatigue-free gaming or PC interaction.

Throttle Wheel (with self-centering or freewheel options)

The Saitek GM2 Action Pad comes complete with an option for changing the nature of the throttle wheel. Using the switch underneath the pad, you can either use the throttle wheel in self-centering or freewheel mode. The self-centering option is ideal for first person shoot 'em up games, like Quake, where the wheel can be used for side-to-side strafing movements. The freewheel (unsprung) mode is ideal for strategy games where the axis can be used as a band selector.

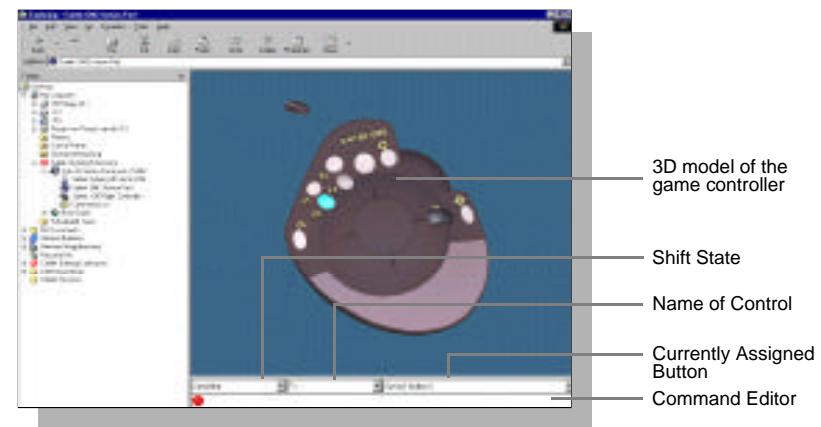
QUICK-START GUIDE TO USING YOUR SAITEK GM2

About Saitek Gaming Extensions (SGE) Programming Software

Saitek Gaming Extensions (SGE) is the software Saitek supplies to configure your Saitek game controller for enhanced functionality. SGE delivers a powerful set of features, allowing you to tailor your game controller to the ultimate configuration for the ultimate gameplay. Despite a level of sophistication previously unseen in the market, the software remains simple and intuitive to use.

Features of SGE:

- Automatic profile activation within current game
- Personalize the controller settings for your favorite games
- Configure your controller with an on-screen rotational 3D model and interface
- Multiple profile option for each controller (ideal if a controller is used by several people)
- Program special moves with sophisticated timing features
- Special game setups available from the Saitek website and the Product Companion CD



Quick Start Guide to Programming Your Controller

Creating a Profile for a Game

- 1 Open the SGE software by double-clicking on the SGE icon.
- 2 Next, double-click on **New Game Wizard** and then on **Next**.
- 3 You will now see a list of all the **.exe** files on your PC to which SGE can be assigned. Highlight the name of the game you wish to create a profile for, eg, **tomb4.exe**, then click on **Next**.
- 4 On the following screen, leave both options ticked and click on **Next**, then highlight the controller and click on **Next** again.
- 5 Finally, review the information offered on the final screen and click on **Finish**.

Adding Commands to the Profile

- 1 In the Explorer mode you will now see a folder for the your new profile. Double-click on the folder and you will see it open out to show 2 sub-folders - the Command List and Saitek GM2.
- 2 Click on the folder called **Saitek GM2** and a 3-D model of the controller will appear on the screen.
- 3 If you place the mouse pointer on the 3-D model and hold down the left mouse button, you can rotate the image.
- 4 Next, click on any control on the controller. You will see that the control turns blue (indicating that it is ready for programming) and that the text boxes at the bottom of the screen show its attributes (see the SGE diagram to see what each box denotes).
- 5 The long bar at the bottom of the screen is the Command Editor. Simply click on and highlight the current keyboard setting and replace it by pressing the new keyboard command. **Note:** If you look in the manual that came with your game, it will tell you what keyboard commands are associated with what actions in the game.

WARNING: THE SGE AUTOMATICALLY SAVES THE CHANGES YOU MAKE WITHOUT THE USE OF A SAVE BUTTON. THEREFORE, IF YOU MAKE A MISTAKE, SIMPLY HIGHLIGHT THE COMMAND LINE AND TYPE IN THE CORRECT ENTRY.

For a full guide to programming your Saitek GM2 with SGE, see the *Saitek Gaming Extensions: User Manual* supplied on the Saitek Product Companion CD that came with this product.

Default Commands for Saitek GM2

Action Pad

Control Name	Default Action
Thumb button	DirectX 1
Trigger	DirectX 2
F1	DirectX 3
F2	DirectX 4
F3	DirectX 5
F4	DirectX 6
Shift	DirectX 7
Axis (Thumb Wheel)	Axis
Hat Control	POV Hat

Game Mouse

Control Name	Default Action
Hat Control – Up	DirectX 9
Hat Control – Right	DirectX 10
Hat Control – Down	DirectX 11
Hat Control - Left	DirectX 12
Left Mouse Button	Mouse Button 1
Right Mouse Button	Mouse Button 2
Scroll Wheel	Mouse Button 3

Technical Support

The Saitek Website

If you have access to an Internet connection, many of your technical queries may be answered with a simple visit to the Saitek Website at:

<http://www.saitek.com>

The technical support area will provide you with all the information you need to get the most out of your controller, solve any problems you might have and provide you with the latest game configurations.

The site also contains regularly updated material including information about:

- Current and forthcoming products
- Links to useful sites
- Driver upgrades
- Game configuration

Contacting Saitek

If you do not have access to the Internet, or if the Website cannot answer your question, you will need to contact your local Saitek Technical Team.

However, before contacting Technical Support, here are a few tips to help us to help you:

- Make sure you have followed all the steps shown in this manual
- Check that the controller is correctly connected to your computer
- Confirm that your PC is functioning normally

At Saitek, we aim to offer a comprehensive and thorough technical support to all of our users. So, before you call, follow the guidelines below to ensure that you have all of the information necessary for us to help you.

- 1 **Know the problem** - make sure that you are clear about the problem you are having and can describe events that made it happen
- 2 **Check the Trouble-shooting guide** – double-check that your problem is not covered in the Trouble-shooting section of this manual.
- 3 **Know your hardware** - if it is possible, make sure you have the following information to hand:
 - The make and model of the computer you are using
 - The motherboard you are using
 - The version of the game you are playing
 - The make and model of your sound card
- 4 **Be ready** - if possible, please try and ring whilst sitting at the computer with all the relevant information and hardware to hand. If you are having a problem with a particular game, make sure that you have that game loaded.
- 5 **Be patient** - we try our best to deal with queries as fast as we can. At times it may be necessary to refer queries on to our specialist staff. Please be patient!

To contact your local Saitek Technical Support Centre, look up the relevant address on the separate Saitek Support sheet that comes packaged with this product.

TROUBLE-SHOOTING

Problem	Solution
My computer is not recognizing the GM2 – what's wrong?	Check the cable connections. Turn off the computer and then unplug your controller. Plug it back in making certain that is securely attached.
Can I have another game controller connected to my PC at the same time?	To avoid potential problems and conflicts, we recommend that you remove any existing game controllers before installing the GM2. Do this by selecting the previously installed controller in the Game Controllers window and clicking on Remove .
I have plugged in my GM2 using the USB connector and it has not been recognized by the computer.	Your USB connection may not be enabled within the computer. You can switch it on via your computer's BIOS settings (please check the documentation that came with your computer). If you are still unsure as to what to do, contact Technical Support.
When I'm using the hat switch on the mouse for moving around in games, if I push the hat switch forward, I move left in the game. Can I alter this?	The default commands for the hat switch are the same as the arrow keys on the keyboard. If you would like to change these settings to suit your personal gaming preferences, you can alter the commands by using the Saitek Gaming Extensions programming software. See <i>Saitek Gaming Extensions: User Manual</i> on the CD.