

# ***MAGic Large Print Keyboard***

Quick Start Guide

Freedom Scientific, Inc.

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To contact **Technical Support** if you experience problems with your device, call (727) 803-8600, Monday through Friday, 8:30 AM to 7:00 PM (Eastern Time), or e-mail **[support@freedomscientific.com](mailto:support@freedomscientific.com)**.

To search the knowledge base, visit **[www.FreedomScientific.com](http://www.FreedomScientific.com)** and choose the Support link.

# Before You Begin

## Important:

The MAGic Large Print Keyboard works with MAGic versions 11.0.4348 (32-bit), 11.0.4349 (64-bit), or later. You must upgrade your software if it is earlier than these versions.

To verify your version of MAGic, select **About MAGic** from the **Help** menu in the MAGic user interface.

To quickly upgrade your software, select **Check for Updates** from the **Help** menu, and follow the installation instructions. (An Internet connection is required.)

This guide provides basic instructions for setting up the MAGic Large Print Keyboard and a brief overview of the specialty keys that perform various MAGic functions.

## Installing the Keyboard Driver

Before you can use the MAGic Large Print Keyboard with MAGic, you must first install a driver from the disk included with the keyboard.

Note that you can also download the driver by visiting [www.FreedomScientific.com](http://www.FreedomScientific.com) and doing the following.

- Choose the “Downloads” link on the home page.
- Next, choose the “MAGic Large Print Keyboard Driver” link.
- Finally, choose the link for the keyboard driver to begin the download.

To install the driver, do the following:

1. Insert the disk that came with the keyboard into your CD-ROM drive. The setup program automatically starts. If the installation does not start automatically, open the Start menu, select Run, and type D:\setup. If your CD-ROM drive is not D, substitute the correct drive letter. If you chose to download the driver from the Freedom Scientific Web site, navigate to the location on your computer where you saved the file, and run it.
2. Follow the instructions on your screen to complete the installation. When the license agreement appears, choose Yes to accept it and continue with the installation.
3. Once the installation is complete, connect the keyboard's USB cable to your computer and you are ready to begin using it with MAGic.

**Note:** If you plugged the keyboard into your computer prior to installing the driver, you must disconnect and reconnect the keyboard to enable full keyboard functionality.

## **Default MAGic Keyboard Assignments**

The MAGic Large Print Keyboard contains extra specialty keys assigned to the most commonly used MAGic functions. The Launch MAGic key is always active and will launch MAGic if it is not already launched. All other specialty keys have no functionality if MAGic is not running. The following illustrations show each key and its default assignment.

Key	Default Assignment
<b>MAGic</b> <sup>®</sup>	<b>Launch MAGic:</b> Launches MAGic if it is not running. If MAGic is running, this key initiates shutting down MAGic.
	<b>Visual Enhancements:</b> Toggles on or off, all of MAGic's visual enhancements including magnification, mouse enhancements, color enhancements, focus enhancements, and cursor enhancements.
	<b>Toolbar:</b> Displays or hides the MAGic toolbar (user interface).

Key	Default Assignment
	<p><b>Mouse Enhancements:</b> Enables or disables your mouse enhancements. When enabled, mouse enhancements make the mouse pointer easier to track and maneuver on the screen.</p>
<b>ab </b>	<p><b>Cursor Enhancements:</b> Enables or disables cursor enhancements. When enabled, this makes the cursor easier to locate and follow when writing or editing text.</p>
	<p><b>Color Enhancements:</b> Enables or disables color enhancements. When enabled, this affects how MAGic displays colors on the screen. Color enhancements can be adjusted to meet individual needs for handling glare and contrast.</p>

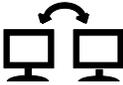
Key	Default Assignment
	<p><b>Focus Enhancement:</b> Turns the focus enhancement on or off. When enabled, this displays a rectangular border that identifies and tracks the control that currently has the computer focus such as the highlighted item in a menu or the selected control in a dialog box.</p>
	<p><b>Text Viewer:</b> Turns the Text Viewer on or off. When enabled, the Text Viewer window displays across the screen and simultaneously shows the same text that appears on the magnified screen.</p>
	<p><b>Mag Level Toggle:</b> Switches between the current magnification level and 1x magnification. All visual enhancements will remain active.</p>

Key	Default Assignment
	<p><b>Research It:</b> Quickly finds information on the Web without using a Web browser to navigate through complex pages. Research It uses lookup sources to find information, such as the meaning of a word, the local weather forecast, top news stories, and more.</p>
	<p><b>Links List:</b> Opens a dialog box containing a list of links in the current Web page or Word document</p>
	<p><b>Select and Say:</b> Reserved for a future MAGic feature. You can assign this key to a MAGic function, shortcut, or Windows command using the MAGic Keyboard Manager.</p>

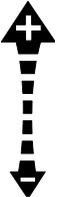
Key	Default Assignment
<b>M1</b>	<b>M1:</b> This key is reserved for users to assign to their preferred MAGic functions, shortcuts, or Windows commands using the MAGic Keyboard Manager.
<b>M2</b>	<b>M2:</b> This key is reserved for users to assign to their preferred MAGic functions, shortcuts, or Windows commands using the MAGic Keyboard Manager.
<b>M3</b>	<b>M3:</b> This key is reserved for users to assign to their preferred MAGic functions, shortcuts, or Windows commands using the MAGic Keyboard Manager.

Key	Default Assignment
	<p><b>Mouse Echo:</b> Turns mouse echo on or off. To specify whether lines or words are spoken when you move the mouse, open the Mouse Echo dialog box from the Speech menu, or right-click the Mouse Echo button on the MAGic user interface and select the option you want. The default setting is to echo lines. When turning mouse echo off and back on, the currently selected option is used.</p>

Key	Default Assignment
	<p><b>Typing Echo:</b> Toggles the typing echo on and off. To specify whether MAGic speaks characters, words, or both characters and words as you type text, open the Typing Echo dialog box from the Speech menu, or right-click the Typing Echo button on the MAGic user interface and select the option you want. When turning typing echo off and back on using the Typing Echo key, the currently selected option is used.</p>

Key	Default Assignment
 A stylized icon of a person's head and neck in profile, with three curved lines radiating from the mouth to represent sound or speech.	<p><b>Speech Toggle:</b> Toggles between having speech on all the time (full speech) versus having limited speech (Speech On Demand).</p>
 An icon showing two computer monitors side-by-side, with a curved arrow above them pointing from the left monitor to the right monitor, indicating switching between displays.	<p><b>Jump to Next Display:</b> When using dual monitors, this key allows users to quickly move the computer focus and the mouse pointer to the other monitor.</p>

Key	Default Assignment
	<p><b>View Lock:</b> When using dual monitors, press and hold while moving the mouse pointer across the screen or to another monitor without scrolling the display. This provides a smooth transition from one monitor to the other without shifting the view on the screen. Users can use this key to easily drag items from one monitor to the other, such as moving applications or copying text from one application to another. Release the key to resume normal mouse pointer movement. On single monitor systems, pressing this key locks the current view, preventing the mouse from moving outside the view or scrolling the screen.</p>

Key		Default Assignment
		<b>Wheel Up:</b> Increase the level of magnification by rolling the keyboard scroll wheel toward the top of the keyboard.
		<b>Wheel Down:</b> Decrease the level of magnification by rolling the keyboard scroll wheel toward the bottom of the keyboard.
		<b>Decrease Rate:</b> Decreases the MAGic speech rate.
		<b>Increase Rate:</b> Increases the MAGic speech rate.

**Note:** If both MAGic and JAWS are running together or JAWS alone, keys that are common to both applications, such as Increase Rate and Decrease Rate, will also perform the same function in JAWS.

## Assigning Keys

You can assign additional functions to each key by using the MAGic Keyboard Manager to add one or more modifier keys to the keystroke. Modifier keys include **CTRL**, **ALT**, **SHIFT**, the **WINDOWS Key**, and the **MAGic Key**. Modifier keys can be used with any key except rolling the scroll wheel up or down.

Keys can be assigned to MAGic functions, Windows commands, or as shortcut keys to launch applications, open files stored on your computer or a network, or open your favorite Internet Web sites. For example, you could assign the **M1** key to open a document that you need to access regularly. You can even change key assignments if there is a particular function you use more than the default assignment. For instance, if you do not use dual monitors, you could change the **Jump to Next Display** key to toggle the system mute.

To assign keys, do the following:

1. From the MAGic user interface, open the Tools menu and select Keyboard Manager.
2. In the Applications list, choose All Default. To assign keys for a specific application, select it from the list, and the Actions and Current Hotkeys lists will update accordingly.

3. In the Category list, choose a specific category to only display specific actions and hot keys, or choose All Default to display all available actions. For instance, choose Windows Commands to display all of the Windows specific commands you can assign a hot key to.
4. Move to the Actions combo box and select the action whose hot key you want to assign. The currently assigned hot key is displayed in the Current Hotkeys list, located to the right. If an assigned hot key uses one of the specialty keys on the keyboard, the key name is preceded by the letters Mk. If this list is empty, the selected action does not have an assigned hot key.
5. Choose the Assign Hot Key button to open the Assign Hot Key dialog box and press the key or key combination on the keyboard you want to assign.

To assign a shortcut key, do the following:

1. From the MAGic user interface, open the Tools menu and select Keyboard Manager.
2. Select the Create Shortcut button to open the Create New Shortcut dialog box.
3. In the Assign Hotkey edit field, press the key combination you want to use to activate the shortcut.
4. In the Location of the item edit field, type the path to a file, program executable, or enter an address to a Web site. For example, c:\files\myfile.txt, or <http://www.freedomscientific.com>. Select the Browse button to search for the application or document you want to use if you do not know the direct path.

5. In the Shortcut Name edit field, type a name for the shortcut. This name will appear in the Actions list.

**Note:** When assigning shortcuts, make sure the keystroke does not conflict with an application specific command that you use frequently as shortcut keys will override application commands.

For more detailed information on using the Keyboard Manager as well as other MAGic features, refer to the MAGic User's Guide and online help. Visit [www.freedomscientific.com](http://www.freedomscientific.com) to access these documents, or choose Help from the MAGic user interface.