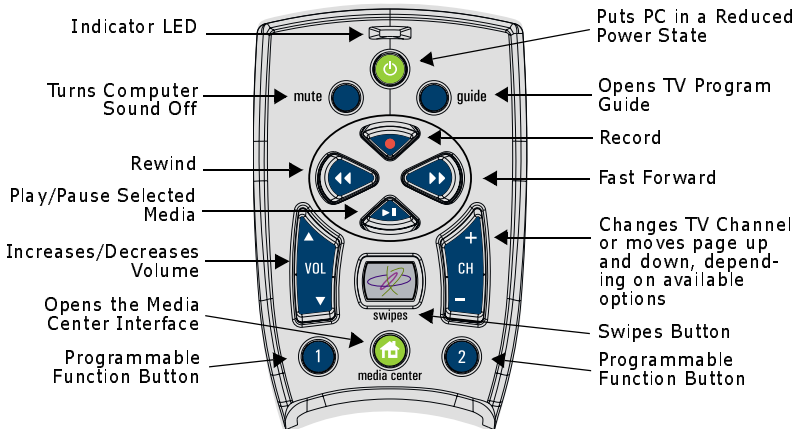


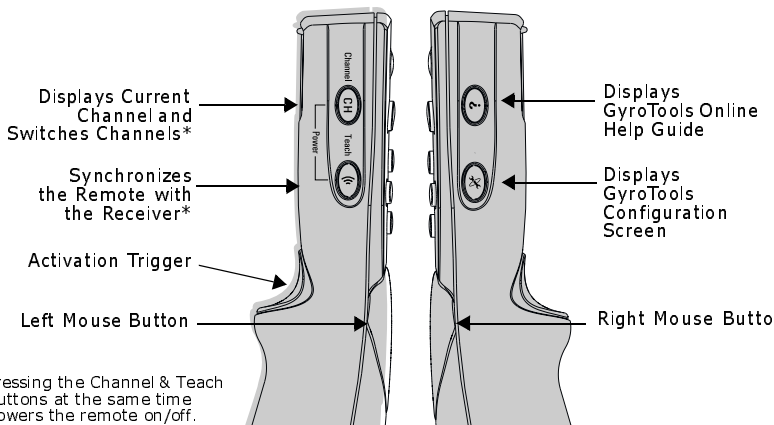
Gyration Media Center Remote

The Media Center Remote (MCR) and Keyboard will revolutionize the way you control your TV, music, videos, pictures, and PC applications. With Gyration's "in air" remote, play your favorite CD, check your e-mail, fast-forward a DVD, surf the Internet, or launch any of the several Windows XP Media Center programs available with the touch of a button.

Simply wave the Media Center Remote in the air and the cursor tracks the motion of your hand. Gyration's patented motion-sensing technology gives you mouse-like cursor control without requiring a flat surface and provides accurate and effortless cursor control from anywhere in the room, even your couch!

Key Features





Setting Up and Synchronizing the Media Center Remote and the Gyration RF Receiver

When installing the Media Center Remote for the first time or when adding additional Gyration devices to the system, it is necessary to perform a Teach/Learn sequence to synchronize the devices. To set up and synchronize the Media Center Remote and RF Receiver:

1. Connect the receiver cable into an available USB port and power on your computer. Your operating system should detect the new hardware device and initiate the installation procedure. Continue to follow the standard USB device installation screens until installation is complete.
2. Insert four AAA batteries into the remote.
3. Press and hold the **Learn** button on the receiver for two seconds and then release it. The **Status** light will blink slowly, indicating the receiver is now in "Learn Mode."
4. Press and release the **Teach** button located on the side of

the remote. The **Status** light on the receiver will blink rapidly for four seconds, then begin to blink slowly.

Note: At this time, press the **Teach** button on any additional devices (such as a keyboard, an Ultra Mouse, or a second Media Center Remote).

5. To exit Learn Mode, press the **Learn** button on the receiver for two seconds. Otherwise, Learn Mode will automatically time out after five minutes.

If more than one Gyratation device is being installed on the same system, place the receiver into Learn Mode (step 3 above) and then press the Teach button on each device before exiting Learn Mode.

Note: ***Do not*** press the Learn button on the receiver for each device to be added (see "Installing 3 or More Devices" on page 13).

When the receiver is put into Learn Mode, it *erases* its memory of previously learned devices and looks for new devices. Therefore when *adding a new device* to a system, it is necessary to put the receiver into Learn Mode and then press the Teach button on *all the devices* that will be used on the system.

After the Teach/Learn sequence is performed, the receiver and device(s) will remain synchronized after powering down and/or changing channels. *It is only necessary to perform the Teach/Learn sequence when setting a device up for the first time or when adding additional devices to the system.*

Installing or Replacing the Batteries

The Media Center Remote operates on four standard or alkaline AAA batteries. When the batteries reach 20% of their power charge, the Indicator LED will blink while the Activation Trigger is pressed. For instance, clicking and holding a button on a fully charged remote causes the Indicator LED to light solid. Clicking and holding a button on a remote with low batteries will cause the Indicator LED to blink slowly.

Four alkaline AAA batteries will generally provide up to six months of use in a typical media center environment. You may also use rechargeable AAA batteries in the Media Center

Remote.

To replace the batteries:

1. From the bottom of the remote, slide the battery cover open by pushing firmly downward with your thumb.
2. Remove the battery holder.
3. Insert four new AAA batteries into the battery holder and place it into the remote. When replacing the battery holder, align the positive (+) labels on the outside of the battery holder with those on the inside of the Media Center Remote (see illustration).
4. Snap the battery cover into place.



Determining Which Channel the Media Center Remote is Using

The Media Center Remote has eight individual channels available to it. To determine which channel the device is currently using:

1. Press and quickly release the **Channel** button on the side of the remote.
2. Count the number of times the green **Indicator LED** light on top of the remote flashes. The number of flashes indicates the channel the remote is using.

Note: If the remote's channel is changed when the computer is powered down or the receiver is not connected, the devices will become unsynchronized. When the system is running, click and release the Channel button as described above to confirm the channel. The remote broadcasts a message across all eight channels that informs the receiver on which channel it is currently operating. The receiver then automatically restores synchronization.

Changing the Channel the Media Center Remote is Using

When two devices are being used in the same proximity, each device should be set to operate on a unique channel. For the best reception, space the channels apart by one or more channels. For example, setting the channels to "2" and "4" is recommended over setting the channels to "2" and "3".

If you are installing three or more devices on a single receiver, see *"Installing 3 or More Devices" on page 13*. Remember if a Teach/Learn sequence has already been performed, it is not necessary to re-synchronize the devices after a channel change.

To change the channel:

1. Press and hold the **Channel** button on the side of the remote for two seconds.
2. When you release the Channel button, the remote will change to the next sequential channel and the **green Indicator LED** on top of the remote will flash. The number of flashes indicates the new channel the remote is using.

Powering the Media Center Remote On and Off

To conserve battery life, the Media Center Remote enters a "Sleep Mode" after three minutes of non-use. In Sleep Mode, the remote only uses battery power when a button is pushed. To awake from Sleep Mode, click any button. It is not necessary to power down the unit when it is idle. However, it is recommended you power down when traveling to avoid inadvertent key press.

To power on:

- Simultaneously press and release the **Channel** and **Teach** buttons on the side of the remote for three seconds. It will confirm it is powering on by flashing its **Indicator LED** on top of the remote for one second.

To power off:

- Simultaneously press and release the **Channel** and **Teach** buttons on the side of the remote. It will immediately power off and be unresponsive to button clicks. It will confirm it is powering off by flashing its **LED Indicator** three times.

Note: It is necessary to power the unit off when traveling on commercial airlines due to FCC regulations regarding radio-emitting devices.

Using the Media Center Remote

The Media Center Remote provides great flexibility in how you control your computer. It has no line-of-sight requirement, therefore it is not necessary to point the device at the computer monitor, receiver, or TV screen. This enables you to find a comfortable, relaxed position for your hand and arm, and move the cursor with easy wrist movements.

1. Set up and synchronize the Media Center Remote with the receiver (see *"Setting Up and Synchronizing the Media Center Remote and the Gyration RF Receiver" on page 2*).
2. Hold the remote in a comfortable, relaxed position with your index finger on the **Activation Trigger** and your thumb on the left/right **Select Button** (see illustration).
3. Press and hold the **Activation Trigger** with your index finger. While holding the trigger, flex your wrist up, down, and sideways (in a manner similar to using a flashlight). The remote tracks the motions of your hand. Remember, it is not necessary to point the remote at your computer, receiver, or monitor.



4. Use your thumb to press the left/right **Select Button**. These buttons serve the same functions as the left/right mouse button on your standard computer mouse.

Tip: Double-click the Activation Trigger to keep the cursor continuously active. To stop the cursor movement, click the trigger once.

Tip: Move the cursor over a target and release the Activation Trigger before clicking the left or right mouse buttons. This “parks” the cursor and allows you to click more accurately.

Fine-Tuning Cursor Control

Since the Media Center Remote uses standard Windows mouse drivers, there are no additional drivers to install. Any settings that are available to a standard desktop mouse (such as cursor tracking speeds and mouse double-click speeds) are also available to the Media Center Remote.

Multiple factors will determine how you adjust your remote to suit your personal preference including screen resolution and driver version. While becoming familiar with your remote and getting a feel for the “in air” method of cursor control, Gyration recommends adjusting your mouse driver to the following settings:

- **Pointer Speed – Average.** Some new users prefer this setting to be slightly slower than average. Advanced users will increase the speed so that less wrist movement gives them more screen coverage with the cursor.
- **Acceleration – Low or Off.**

Note: Refer to your operating system’s documentation for additional information on customizing your mouse properties.

GyroTools Software

Bring your entertainment center to life with powerful special effects and Media Center tools. Assign your favorite Media Center functions to *Swipes* or *Buttons* on your Media Center Remote or Ultra Mouse to increase volume, fast forward, or rewind your favorite videos. Quickly get to your favorite Media

5. To assign tools using the Menu-Driven Method:
 - a. Right-click the icon square next to the thumb button that you wish to assign.
 - b. Select the **New Tool** or **Replace Tool** menu command.
 - c. Select the tool group (such as *PC General*, *PC Internet*, or *PC Media* located at the bottom of the Gyro-Tools window) that contains the tool(s) you want to assign.
 - d. Select the desired tool from the menu.
 - e. Once the tool is selected, you can define the tool's properties (such as color, border, and other parameters).
6. Once a tool has been assigned to a button, simply press the button sequence to invoke the tool.
7. When finished using the tool, right-click and the pointer returns to cursor mode.

Media Center Remote Buttons

Button	Function
	Puts PC in a Reduced Power State
 mute	Turns Computer Sound Off
 guide	Opens TV Program Guide
	Record

Button	Function
	Rewind
	Fast Forward
	Play/Pause
	Increases/Decreases Volume
	Changes TV Channel or moves page up and down, depending on available options
	Swipes Button
	User Programmable Function Buttons (Note: If the Gyro Volume tool is assigned to one of these buttons, you can control the volume by motioning either up or down while pressing the assigned button.)
	Opens the Media Center Interface
	Displays Current RF Channel and Switches RF Channel

Button	Function
	Synchronizes the Remote with the Receiver
	Displays GyroTools On-line Help Guide
	Displays GyroTools Configuration Screen

Activating a Tool Assigned to a Swipe

There are three ways to activate a tool once it has been assigned to a swipe:

1. Press the Swipes button and motion in any of the eight compass directions (as shown below).



2. Press and hold the Swipes button to display the tools assigned, then motion in the desired direction.
3. Press the Activation Trigger while pressing the right mouse button, then motion in the desired direction.

When finished using the tool, simply right-click and the pointer returns to cursor mode.

Gyration RF Receiver



Learn Button

Pressing the **Learn** button for two seconds puts the receiver into Learn Mode allowing you to synchronize one or more devices with the receiver. After the devices have been synchronized, pressing the **Learn** button again for two seconds takes the receiver out of Learn Mode. If the receiver is not manually taken out of Learn Mode, it will automatically return to Normal Mode after five minutes.

Status Light

The **Status** light displays useful information about the modes of operation and the connection between the receiver and transmitter(s). Its various states are:

- **Remains off** when the receiver is operating in Normal Mode and no devices are transmitting.
- **Blinks slowly** (one blink per second) when the receiver is in Learn Mode and is awaiting a Teach instruction from a device.
- **Flickers rapidly** when the receiver is operating in Normal Mode and a synchronized device is transmitting. If there is radio interference, the flickering light will be inconsistent.
- **Blinks rapidly for a four-second burst** when it is in Learn Mode processing a Teach instruction, and synchronizing the receiver with the device.

Keyboard LEDs

These LEDs indicate whether your computer has the Num Lock, Caps Lock, and/or Scroll Lock features activated.

- **Num Lock:** Used to toggle a combination number/cursor keypad between numeric keys and cursor keys.
- **Caps Lock:** When activated, causes all alphabetic characters to be uppercase but has no effect on other keys.
- **Scroll Lock:** Used to toggle between scrolling and non-scrolling mode (on PC keyboards). When activated, the arrow keys scroll the screen regardless of the current cursor location.

Installing 3 or More Devices

The RF receiver can be taught to recognize up to eight devices (such as mice, remotes, and keyboards) on a system, but only *two* of those devices may be used *simultaneously*.

When setting up a system with a single receiver and three or more devices, the following guidelines must be followed:

- Select two channels that are free of outside interference and install all devices on either of those two channels. When possible, it is recommended that the two chosen channels be separated by at least one unused channel. For example, setting the channels to "2" and "4" is recommended over setting the channels to "2" and "3".
- Any of the devices installed on one channel may be used *simultaneously* with any of the devices on the other channel. Two devices that share a channel may be used *alternately*. When installing the devices try to determine which devices will be used simultaneously and set them on opposite channels.

Example: Mouse One is used by a presenter for cursor control, and Mouse Two and a keyboard are used by an assistant to input data. Mouse One is set at channel 3. Mouse Two is also set at channel 3 and the keyboard is set at channel 5.

With this configuration, Mouse One and the keyboard can be used simultaneously. Or, Mouse Two and the keyboard can be used simultaneously. However since Mouse One and Mouse Two share the same channel, they can only be used alternately.

- A low-power consumer device (*i.e.*, Ultra Mouse with 30-ft. range) should not be used simultaneously with a high-power professional device (*i.e.*, RF Keyboard with 100-ft. range). One or both devices may not work properly if data is being transmitted by the two units at the same time. For optimal simultaneous performance, it is recommended that you use two low-powered devices or two high-powered devices. If you wish to use both a high- and low-power device simultaneously, it is recommended that you alternate usage between the devices.

Media Center Remote Troubleshooting Tips

Symptom	Reason	Solution
Media Center Remote LED comes on when activate button is pressed, but receiver is unresponsive	Remote and Receiver not synchronized	Perform a Teach/Learn sequence (see <i>"Setting Up and Synchronizing the Media Center Remote and the Gyration RF Receiver"</i> on page 2).
Cursor is visible but shows no movement	Remote not activated	Squeeze the trigger, double-click trigger or press crescent-shaped Gyro Lock button on top of Media Center Remote.
Cursor movement is choppy or erratic	Radio interference	Change the device's channel setting (see <i>"Determining Which Channel the Media Center Remote is Using"</i> on page 4). Move receiver away from other electronic devices (e.g. monitor, speakers, radio, etc.).
When pressing the activate button, the LED on the Media Center Remote is flashing	Batteries are low	Replace batteries (see <i>"Setting Up and Synchronizing the Media Center Remote and the Gyration RF Receiver"</i> on page 2).
When pressing the activate button, the LED on the Media Center Remote is off	Batteries are dead	Replace batteries (see <i>"Setting Up and Synchronizing the Media Center Remote and the Gyration RF Receiver"</i> on page 2).
	Remote is off	Turn it on (see <i>"Powering the Media Center Remote On and Off"</i> on page 5).
Cursor moves too fast or too slow	Speed or acceleration not set properly	Change the cursor tracking speed in the mouse control panel (see your operating system's documentation for details).

Symptom	Reason	Solution
When keyboard is in use, the Media Center Remote stops working	The Media Center Remote and Keyboard channels are too close to each other	Find out what channel each device is on (see <i>"Determining Which Channel the Media Center Remote is Using"</i> on page 4). Change the channel on the Media Center Remote to a channel at least 2 away from the keyboard channel (see <i>"Changing the Channel the Media Center Remote is Using"</i> on page 5).

Regulatory Information

Attention! This device emits radio frequencies and has not been certified by the FAA for use onboard aircraft. Do not use this device at any time onboard civil aircraft. To minimize the possibility of interference, power off the Media Center Remote to ensure the device remains off during flight.

FCC Statement

The Media Center Remote and Receiver have been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna (television, radio, etc.).
2. Increase the separation between the equipment and receiver.

3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for additional help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Contact Gyration, Inc., 12930 Saratoga Avenue, Bldg. C, Saratoga CA 95070. Technical Support: 408-973-7086. These devices comply with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. these devices may not cause harmful interference, and
2. these devices must accept any interference received, including interference that may cause undesired operation.

The Media Center Remote operates in the frequency band of 49.825 to 49.895 MHz with RF output power of less than 30 MicroWatts EIRP (Effective Isotropic Radiated Power).

Warning: Using these products in any way other than as described in this manual or altering the antenna in any way may violate FCC rules. **FCC ID: JJ4-AS 00275 Media Center Remote; Receiver: AS00262-001**

Declaration of Conformity

We: Gyration, Inc.
12930 Saratoga Avenue, Suite C
Saratoga, CA 95070

Declare under our sole responsibility that the product

USB MINI DUAL RECEIVER
PART NO. AS00262-001

Complies with Part 15 of the FCC Rules

Operation is subject to the following two conditions:

1. these devices may not cause harmful interference, and
2. these devices must accept any interference received including interference that may cause undesirable operation.

Canadian Radio Interference Regulations

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouil-leur du Canada.

Contacting Gyration

If you have any questions about your new Gyration product, please contact us.

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Product Support: www.gyration.com/support.htm

World Wide Web

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Warranty Information

Gyration products come with a two-year hardware warranty. Gyration, Inc., (Gyration) warrants products against defects in material and workmanship for a period of two years from the date of purchase from Gyration or an authorized Gyration agent. This warranty applies only to the original purchaser and is not transferable. This warranty does not cover any incompatibilities due to the user's computer, hardware, software or any other related system configuration in which the product interfaces. Proof of purchase will be required before any warranty consideration by Gyration occurs. This warranty does not cover any damage caused by negligence, non-authorized modifications, or parts installed without prior written permission from Gyration. This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication, nor as a result of service to the product by anyone other than by Gyration.

Gyration is not responsible for any lost profits, lost savings or other incidental or consequential damages arising out of the use of, or inability to use, this product. This includes damage to property and, to the extent permitted by law, damages for personal injury. This warranty is in lieu of all other warranties including implied warranties of merchantability and fitness for a particular purpose.

Some states do not allow limitation of implied warranties, or exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights. You may have other rights which may vary from state to state. This warranty applies only to these products, and is governed by the laws of the State of California.

Trademark Information

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Gyration Media Center Remote
User Manual

DL00404-001 Rev. A

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