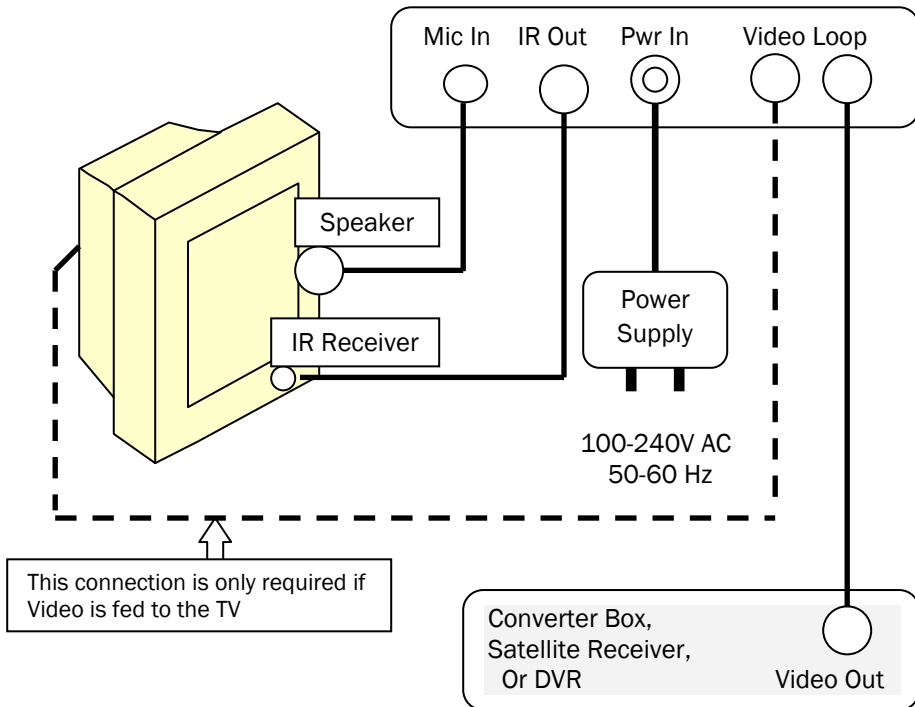


MuteMagic Connection Diagram

MuteMagic as viewed from rear

TOP

www.mutemagic.com



This connection is only required if Video is fed to the TV

Your shipment contains everything you need :

- 1) MuteMagic, 1) +5 VDC Power Supply, 1) IR Cable,
- 1) Mic Cable, 1) RCA Cable, 2) Velcro dots,
- 1) quick install card, 1) operation manual,
- 1) detailed setup procedure

Notes:

Place the microphone directly in front of, and very close to a speaker that will be muted. If a speaker's position is not obvious, place your ear very close to the TV to locate one.

Place the IR Diode in front of the IR Receiver at the front of the TV, but be sure not to totally block the IR Receiver. If you have no idea where the IR Receiver is located, hold your REMOTE very close to the TV, and locate the position where it functions the best.

Disclaimer:

MuteMagic is not 100 % reliable at detecting Commercials, and this should be understood prior to purchasing this product.

MuteMagic

Patent pending

MADE IN AMERICA

Detailed First Time Setup Procedure

Please be sure that the unit is connected as per the attached Connection Diagram before starting this procedure

Apply power ONLY when you are ready to start setup procedure

For Clarification: *Remote* refers to whatever Remote unit you use to mute your TV or Sound System or DVR.
TV refers to your TV, your Sound System or DVR
MM refers to **MuteMagic**

Ideally, the **MuteMagic** box should be placed very near the TV to be muted to ensure that all remote commands to the TV are visible to the **MuteMagic** box.

When **MuteMagic** is first powered up, four functions will be tested.

Has a MUTE Command Been learned?
Is the IR Diode properly located and connected?
Is the microphone properly located and connected?
Is The Video properly connected?

Mute Button Learn Procedure

When power is applied to **MM**, the upper LED will flash at half-second intervals for 10 seconds.

This indicates that **MM** is waiting to learn a new Mute Command from your *Remote*, should you want to enter one.

Should you not enter a Mute Command during this 10-second period, one of two things will happen:

First: If a Mute Command has previously been stored in memory, that Command will be used, and the initial testing will be bypassed.

Second: If no Mute Command exists in memory, the unit will keep repeating the 10-second ritual until it receives a Mute Command.

Prior to entering a Mute Command, be sure your TV is ON and unmuted.

Point your **Remote** at the front of the unit (during this 10 second time period), and press the MUTE Button. The flashing will cease, and **MM** will begin to test the Mute Command it just received to verify it functions correctly.

After a Mute Command has been learned, testing consists of **MM sending the Mute Command to your TV as follows:**

The Mute command will be output every second for 5 seconds (toggling the LEDS every time it issues the command), this is followed by a 2 second wait (with both LEDS ON), then it will repeat the procedure over and over again, until told to stop. During this testing period you should observe your **TV** audio muting and un-muting every second.

If you do not observe your **TV** audio muting and un-muting every second, be sure the IR Diode assembly is plugged into the unit, and is located near the IR receiver at the front of your **TV**. *See the connection diagram.*

After you are satisfied that **MM** has learned your Mute Command, and the IR Diode is positioned properly, secure the diode in place with the supplied Velcro.

NOTE: Place the velcro on the flat side.

Point your remote toward the unit and press the Mute Button during the two second period when Both Front Panel LEDS are ON.

This will end the mute testing and start the Microphone Positioning Test.

If you end up muted at this point, use your **Remote** to un-mute.

Microphone Positioning Test

Note:

Be sure the TV is un-muted, and that you have a program selected with ample audio for this test.

The positioning of the microphone is the single most important aspect of setup, so spending a few minutes here will be time well spent.

The microphone is extremely directional, and ideally it wants to point directly at a speaker, and be very very close to it. *What you do not want, is the microphone picking up any audio except that emanating from the speaker.* Unwanted audio can be a potential problem where the **TV** is located very close to loud talking people. Should the microphone be out of position in this type of situation, there is a chance that audio will be detected which is not speaker audio. This is important because the Mute Command is a toggle type command; that is the same command mutes and un-mutes the **TV**, and detecting audio other than **TV** audio can confuse the unit.

Watch the LEDS on the unit. Their intensity will vary with the amount of audio they are sensing. Audio must be sensed for at least 5 seconds before this test can be exited.

When you are satisfied that audio is successfully being detected, secure the mic in place using the supplied Velcro.

NOTE: Place the velcro on the cable close to the Mic, not on the Mic.

Now mute the Audio on your TV. In a second or two, the lower LED will light indicating the unit is listening for silence.

If the Lower LED does not light, un-mute the **TV**, and let audio be detected for a longer period of time before pressing muting the Audio.

When the Lower LED does light, the unit will listen for silence from the microphone for 4-5 seconds. If it detects silence following good audio detection, it will end the Microphone Positioning Test, and enter the Video Presence Test.

Video Presence Test

If Video is connected and detected by the unit, this test will be immediately skipped, and Both LEDS will light indicating **MM** is in the Active Operating Mode.

If no Video is detected, the LEDS will flash in a four-blink pattern until Video is detected. Once Video is detected, Both LEDS will light solidly indicating that **MM** is in the Active Operating Mode.

This ends initial setup

Note:

Setup should not have to be performed again unless **MM** is moved to a different **TV**, or the IR Diode or Microphone is moved.

Setup may be re-performed at any time however, once a Mute Command has been learned.

To enter the setup mode without unplugging power from the unit, point your **Remote** toward the unit and hold the Mute button down for at least fifteen seconds. Then, when both LEDS flash rapidly, release the button. Two seconds later the upper LED will begin to flash indicating the setup mode is now available. Press your Mute Button during this 10 second period to re-enter setup.

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It may, however, amaze you with its accuracy.

www.mutemagic.com

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