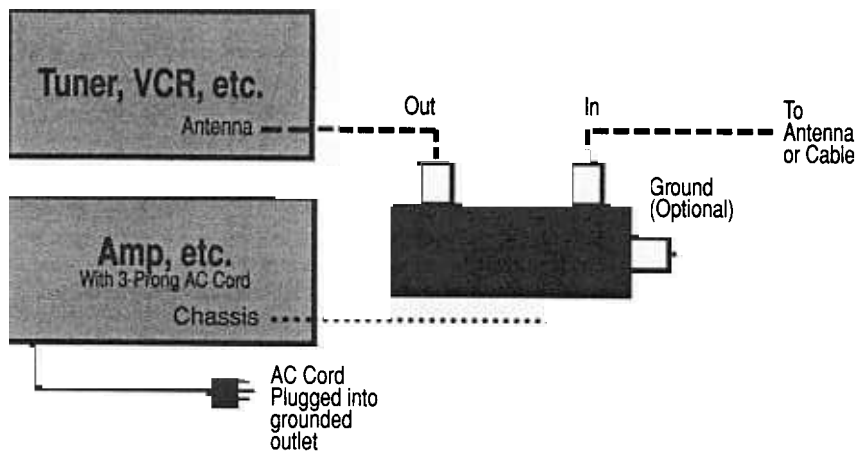


The Mondial Antenna Ground Isolation Circuit

(patent pending)

is designed to eliminate ground induced noise from cable TV or outdoor antenna connections to audio/video systems. It also serves to protect equipment against lightning damage and to discharge static electricity buildup without signal loss.

INSTALLATION INSTRUCTIONS



- 1) Disconnect antenna coaxial cable from rear of tuner, VCR receiver or other component.
- 2) Connect the antenna coaxial cable to the connector marked "input" on the MAGIC box.
- 3) Connect the supplied jumper coaxial cable between the connector marked "output" on the MAGIC box, and the input connector of the tuner, VCR, receiver or other component.
- 4) (optional) If desired, an external ground may be connected to the screw terminal marked "ground" on the MAGIC box. This connection is not required, but serves to increase protection against equipment damage due to lightning. The ground terminal may be connected to a copper cold water pipe or other source of electrical system ground such as the metal chassis of a system component equipped with a three prong (grounded) AC cord. ***CAUTION* DO NOT make this connection to the "line" or "neutral" conductors of an electrical outlet. If you are unsure of how to make this connection, consult a licensed electrician or other technical professional.**

NOTE The Mondial Antenna Ground Isolation Circuit is designed to work with a properly grounded cable TV or antenna coaxial cable. It is NOT intended to replace the coaxial cable shield ground connection at the point of entry into the building, as required by article 810 and 820 of the National Electrical Code (N.E.C.). The principal function of the MAGIC box is to eliminate the circulating ground currents and resulting hum and noise which may be caused by a PROPERLY GROUNDED cable TV or outdoor antenna coaxial cable.

SAFETY INFORMATION

- 1) Read all installation and safety instructions before making any connections. Follow instructions and make note of all cautions and warnings. Retain these instructions for future reference.
- 2) Outdoor antenna grounding: If an outside antenna is being used with your audio/video equipment, be sure the antenna system is properly grounded to provide maximum protection against lightning, voltage surges, and built up static charges. Section 810 of the National Electrical Code (N.E.C.) provides information with respect to proper grounding of the antenna mast, supporting structure, and antenna cable. Specifically, the N.E.C. states that the shield conductor of an antenna coaxial cable be grounded to the building electrical system ground or a metal cold water pipe, as close to the point of cable entry into the building as possible. The mast and supporting structure should also be connected to the electrical system ground. For more information on the details of proper antenna installation and grounding, refer to section 810 of the N.E.C. or the instructions supplied with your antenna or components utilizing an antenna input.
- 3) Make sure antenna and cables are installed away from power lines.
- 4) CATV cable grounding: To provide maximum protection from lightning, voltage surges, and built up static charges, section 820-22 of the N.E.C. specifies that the CATV cable shield conductor be connected to the building electrical system ground, as close to the point of cable entry into the building as possible. Although this ground connection is the responsibility of the cable TV company, it is advisable to confirm its existence if possible. The figure below illustrates this connection. If you do not find a grounding connection where the cable enters the building, call your local cable company for more information and/or possible correction.

