

PHE400

Compact Mini Hum Eliminator Box

USER GUIDE

PYLE
PyleUSA.com



IMPORTANT SAFETY INSTRUCTIONS

- 1. Read Instructions:** All safety and operating instructions should be read before operating the appliance.
- 2. Retain Instructions:** Keep the safety and operating instructions for future reference.
- 3. Heed Warnings:** Adhere to all warnings on the appliance and in the operating instructions.
- 4. Follow Instructions:** Follow all operating and usage instructions.
- 5. Water and Moisture:** Do not use the appliance near water, such as near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or wet basement.
- 6. Ventilation:** Ensure proper ventilation by placing the appliance away from surfaces that may block ventilation openings, such as beds, sofas, or rugs.
- 7. Heat:** Situate the appliance away from heat sources, including radiators, heat registers, stoves, or other heat-producing appliances.
- 8. Power Sources:** Connect the appliance to a power supply only as described in the operating instructions or marked on the appliance.
- 9. Grounding or Polarization:** Ensure that the grounding or polarization means of the appliance is not compromised.
- 10. Power-Cord Protection:** Route power supply cords to avoid being walked on or pinched, especially at plugs, convenience receptacles, and where they exit the appliance.
- 11. Cleaning:** Clean the appliance only as recommended by the manufacturer.
- 12. Power Lines:** Avoid locating an outside antenna system near overhead power lines or electric circuits to prevent contact that could be fatal.
- 13. Non-use Periods:** Unplug the appliance's power cord from the outlet when it will be left unused for an extended period.
- 14. Object and Liquid Entry:** Prevent objects from falling and liquids from spilling into the appliance enclosure through openings.
- 15. Carts and Stands:** If using a cart or stand, ensure it is recommended by the manufacturer and move the combination with care to prevent overturning. 
- 16. Mounting:** Mount the appliance only as recommended by the manufacturer.
- 17. Damage Requiring Service:** Seek qualified service personnel when the power-supply cord or plug is damaged, objects or liquids have entered the enclosure, the appliance has been exposed to rain, dropped, or damaged, or if it does not operate normally.
- 18. Servicing:** Do not attempt to service the appliance beyond user-operating instructions. Refer all other servicing to qualified personnel.
- 19. Overloading:** Avoid overloading wall outlets and extension cords to prevent fire or electric shock.
- 20. Replacement Parts:** Use replacement parts specified by the manufacturer or with the same characteristics as the original part to prevent hazards.
- 21. Safety Check:** After servicing or repairs, request a safety check from the service technician to ensure proper operating condition.



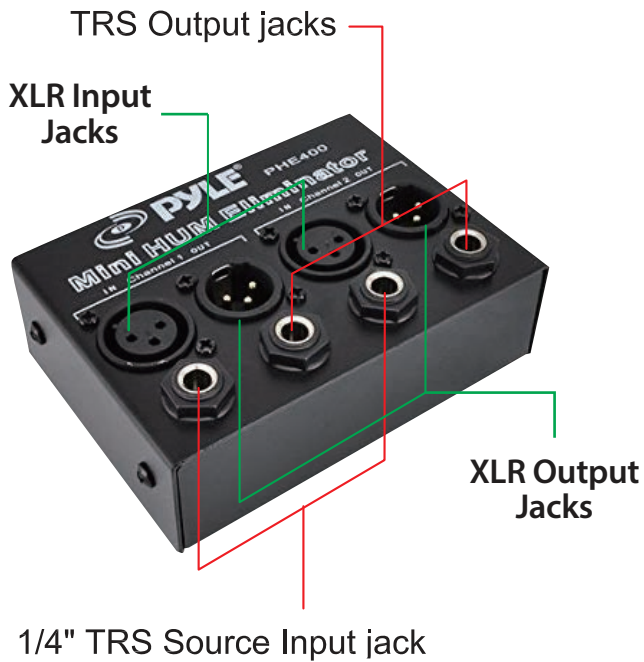
California Prop 65 Warning

WARNING:

This product contains Nickel carbonate which is known to the state of California to cause cancer birth defects and other reproductive harm. Do not ingest.

For more info go to: www.P65warnings.ca.gov

FEATURES AND CONTROLS



CONNECTION DIAGRAM



The Hum Eliminator effectively addresses the common issue of 60Hz AC hum caused by ground loops, which act as radio antennas (loop antennas). By breaking the ground loop, this device eliminates the possibility of signal lines picking up AC hum and noise. Unbalanced lines are inherently more susceptible to picking up electrical noise and RF interference compared to balanced lines. Additionally, the longer the unbalanced cable, the higher the likelihood of encountering such problems. Utilizing this device to connect two pieces of equipment presents one of the most cost-effective solutions for converting between unbalanced signals and true balanced signals.

Furthermore, the Hum Eliminator automatically translates signal voltages to match differences in ground potentials.

Features and Technical Specs:

- 60 Hz Noise Removal
- Removes AC Hum Noise
- Breaks Ground Loops Safely
- Maintains Highest Sonic Quality
- Passive Device: No Power Required
- High-Performance Ultra-Compact Design
- 1/4-Inch TRS Phone and XLR Inputs and Outputs on 2-Channels
- Audiophile High-Quality Components and Exceptionally Rugged Construction
- Automatically Converts Unbalanced to Balanced Signal Without Any Signal Loss
- Uses 11:1 Isolation Transformers to Break Loop Antenna and Balance Audio Lines
- Automatically Translates Signal Voltages to Match Difference in Ground Potentials
- Dimensions (W x D x H): 7" x 6" x 2.5"



Questions or Comments?

We are here to help!

Phone: 1.718.535.1800

PyleUSA.com/ContactUs