



## HV-35P User Guide

revised 072422

**Signal Present (green) and Peak (red) LEDs** indicate signal present at -46dB and peaks at +22dB.

**Pad** – Attenuates the input signal after the gain stage by about 14dB.

**Pol Flip (Polarity Flip)** inverts the signal's polarity. This can be useful in multiple mic setups to change the interaction between them.

**+48V** turns the phantom power supply on.



Avoid connecting or disconnecting mics with the +48V on (hot patching). This can damage the mic, preamp and make some very loud pops that can damage your monitoring system and ears.

**Ribbon Mic DC** couples the mic to the gain stage and also provides an additional 10dB of gain. Use with any Ribbon or Dynamic mic (like an SM-57). A mic requiring phantom power will not work in this mode.

**HPF (High Pass Filter)** rolls off low frequencies below 80 Hz at 6 dB per octave.

**Inst Input (Instrument Input)** is for high impedance sources such as bass guitars. It makes the Hi-Z Instrument input active.

**Gain** is a continuously variable gain control. It has a high gain jump near full clockwise for low level signals.

**External Power Supply** – The HV-35P is powered by a 12V DC, 5 amp, universal voltage (100 to 240 VAC) line lump power supply provided with the unit.

It can also be powered by Li-Ion battery packs that produce 14.8V DC and automatically cut off at 12V DC. If it doesn't have a cut-off circuit, it may damage the unit.

**Rack Tray Mounting** – Maximum Mid-Atlantic screw length is 3/16" (flathead 6-32). If you use a longer screw it will damage the circuit board.

### FCC Notice Information for the User

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

**Water, Moisture, and Spillage** – Do not attempt to use the HV-35P in, near, or around water or in unusually moist environments, such as near a sink or swimming pool. Prevent liquids or any other materials or objects from spilling or falling into the HV-35P unit.

**Grounding** – For your safety, it is extremely important that the grounding pin of the 3-wire power cable (included with 110 Volt units) be inserted into a grounding type 3-pin power outlet. If you are unable to insert the plug into an existing outlet, contact an electrician to install a properly grounded 3-pin power outlet, preferably that with OFI / CFI protection, if available.

## World Wide Warranty

We will repair our products, free of charge, in the event of defect of materials or workmanship for two (2) years following date of purchase.

This limited warranty covers failures due only to defects in materials and workmanship which occur during normal, intended use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by Millennia Media.

This limited warranty does not cover failures which arise from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, improper adjustment, alteration or modification of product, incompatibilities, line-power surges, acts of God, or service performed by anyone other than Millennia Media or its authorized agent.

Limits and Exclusions – There are no express warranties except as listed above. Millennia shall not be liable for special, subsequent, incidental, consequential, or punitive damages, including, but not limited to: damage

to recordings, broadcasts, microphones, mixing consoles, or any associated equipment, downtime costs, loss of goodwill, or claims of any party dealing with purchaser for such damages resulting from the use of this product. All warranties express and implied, including the warranties of merchantability and fitness for a particular purpose are limited to the applicable warranty period set forth above.

Vacuum tube and bulb failures are not covered under warranty. Shipping costs to/from factory are not covered under this warranty. International warranty law may vary from country to country, and Millennia will abide by the law of each country from which the product was initially sold.

For North American repairs and service, contact Millennia ([tech@mil-media.com](mailto:tech@mil-media.com)) to obtain a Return Authorization number. Please include your shipping address, daytime phone number and description of the problem. Outside of North America, please contact your local Millennia Distributor.

## Discarding Units

In the event that any Millennia equipment manufactured after July 1, 2006 needs to be discarded, you must return it to Millennia, at our headquarters in California, USA. Please contact the distributor in your country or Millennia directly for instructions. We will make arrangements to have the equipment shipped to us at no cost to you, and we will dispose of it in a manner that complies with whatever regulations are in existence at that time.