

HV-35 User Guide

revised 030322js

Protecting Against Electrostatic

Discharge – Static electricity can harm delicate components on the HV-35 board. To prevent static damage, discharge static electricity from your body before you touch any jumpers or switches with the cover removed. You can do so by touching an unpainted metal surface on the API rack's chassis.



Do not install or remove the module until the rack's power is off.

Compatible Racks – The HV-35 is designed to work in an API 500VPR or Lunch box rack. If you are using another brand, be sure it meets or exceeds the API spec.

The HV-35 power consumption is:

- +45mA, -25mA nominal
- +75mA, -25mA with +48V selected

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 13.5dB

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.

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 Millennium 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 Millennium Media or its authorized agent.

Limits and Exclusions – There are no express warranties except as listed above. Millennium 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 Millennium will abide by the law of each country from which the product was initially sold.

For North American repairs and service, contact Millennium (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 Millennium Distributor.

Discarding Units

In the event that any Millennium equipment manufactured after July 1, 2006 needs to be discarded, you must return it to Millennium, at our headquarters in California, USA. Please contact the distributor in your country or Millennium 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.