

HV-35 User Guide

revised 100713

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.

Warranty

Millennia Media will repair this product, free of charge, for products sold in the USA and Canada, in the event of defect of materials or workmanship for one (1) year following date of purchase. A proof of purchase is required. If there is not a valid proof of purchase, the warranty period will begin from the manufacturing date located on the serial number sticker on the product. This warranty is extended only to the original purchaser. This limited warranty covers failures due only to defects in materials and workmanship that 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. 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 or its authorized agent. Vacuum tube failures and light bulbs are not covered under warranty.

To obtain warranty service, contact the factory at support@mil-media.com to obtain a Return Authorization (RA) form. Please include your shipping address, daytime phone number and description of the problem.

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.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or length of time an implied warranty remains in

effect. As such, the above exclusions may not apply. This warranty gives you specific legal rights and you may also have other rights which can vary from state to state.

Export Units

Products purchased from authorized distributors will have a warranty period of two years from the manufacturing date located on the serial number sticker on the product. Warranty services will be provided by the authorized distributor and are subject to local laws.

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.