

NSEQ —HF User Guide

revised 061922js

Protecting Against Electrostatic Discharge

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.

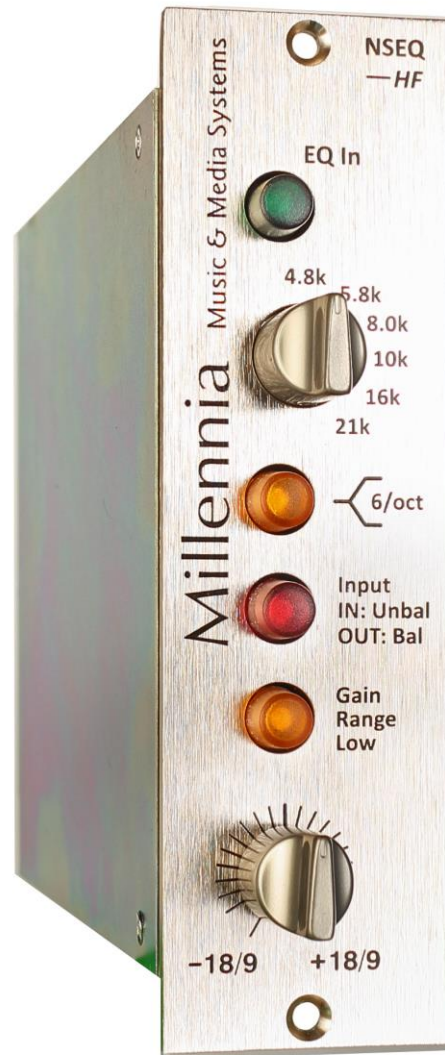
Compatible Racks — The NSEQ —HF is designed to work in an API 500VPR or Lunch box rack. If you are using another brand, be sure it meets or exceeds the API spec.

The NSEQ —HF power consumption is +210mA with all LEDs on.

EQ IN — places EQ in the signal path. Hardwired relay bypass when out.

Frequency Select Switch — selects fixed high frequencies.

Peak/Shelf Select — When LED is on, EQ is shelving at 6 dB per octave. When LED is off, EQ is peaking with a fixed "Q" of 1.0.



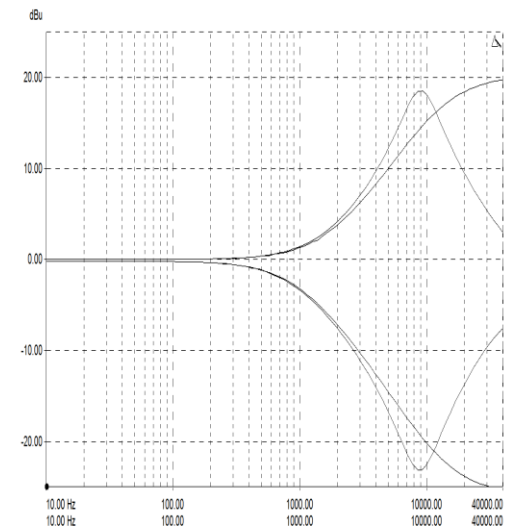
Balanced/Unbalanced Input—

Unbalanced increases gain by 6dB to compensate for possible signal loss when balanced and unbalanced equipment is used in the same signal path.

Gain Range — +/- 18dB or when LED is on, +/- 9dB

Boost/Cut Control — +18(9) dB of boost and -18(9) dB of cut. Boost/Cut potentiometer has 21 detented positions for accurate repeatability and session logging.

The graph below shows maximum cut and boost at 8 kHz for peaking and shelving settings



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) 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.