

NSEQ-4 Quick Start Guide



NSEQ-4 Front Panel

- Band In/Out Switch "IN"** — places its associated EQ band in circuit or out of circuit
- Frequency Select Switch** — selects fixed high and low band 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.
- Boost/Cut Control** — +18 dB of boost and -18 dB of cut. Boost/Cut potentiometer has 21 detented positions for accurate repeatability and session logging.
- Parametric Frequency Control** - selects EQ center frequency.
- Parametric Frequency Range Select Switch "10X"** —When LED is on, frequencies as shown on front panel legend are multiplied by 10X. When LED is off, frequencies are as shown on front panel legend.
- Parametric Q Control** - EQ bandwidth.
- Master Equalizer In/Out Select Switch** — "EQ IN" places EQ in the signal path. Hardwired relay bypass when out.
- 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 +/- 9dB
- Power Indicator** — when illuminated shows the NSEQ-4 is powered up and active.
- Power Switch** — turns power on and off.

The NSEQ-4 is based on pure Class- discrete all transistor amplifier designs. All NSEQ-4 factory adjustments have been performed when unit is fully warmed-up; at least one-half hour after turning unit on.



NSEQ-4 Rear Panel

- Inputs** — In 1 (Left), In 2 (Right) Conventional 3-pin female XLR input jacks for all balanced or unbalanced line level signals..
- Outputs** — Out 1 (Left), Out 2 (Right) Conventional 3-pin male XLR output jacks.
- Earth/Audio Ground Jumper** — A barrier terminal which ties earth ground to audio ground. If ground "hum" loops are experienced when using the NSEQ-4, removing this jumper may help. Using this jumper, the integrity of the chassis/earth ground connection is never compromised. **Do not defeat the earth grounding pin on the AC plug.**

- AC Voltage Mains Selection** — The fuse block contains two fuses; one fuse is in series with the hot power line while the other fuse is in series with the neutral power line. Both fuses must be installed.

To change the mains voltage selection, remove IEC power connector and assure that the NSEQ-4 is not connected to mains power. With a non-conductive tool, gently pry the fuse block away from the power entry module. Slide out the internal PCB board, turn it over, and reinsert the PCB so that the desired AC mains voltage appears in the viewing window. Double check that the fuses installed correspond to the AC mains voltage range which

appears in the viewing window. Gently push the fuse block back until flush and snug.

Fuses: For 100-120 VAC mains, use two 5 x 20 mm, 1A, slow blow, 250 V, Littelfuse 218 or equiv. For 200-240 VAC mains, use two 5 x 20 mm, 1A, slow blow, 250 V, Littelfuse 218 or equiv.

5. **Power Entry** — IEC Power Receptacle for use with removable cords. Use only the power cord provided. (Export units' cords are provided by the distributor.)

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.