

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 PC 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.)