

STX 500 MICROPHONE/LINE EQUALIZER

The STX 500 is a sonic replica of the famous Spectra 500 graphic equalizer introduced during the mid-sixties time period. The design employs the same inductor, resistor, and capacitor filter design (LRC) as found in the original unit. When paired with the 100 series amplifier, the result was the absence of phase shift, or overload, irrespective of boost or cut settings. The 100/500 series combination was prevalent in the majority of our famous desks of the era (Stax, Ardent, A&M, Atlantic, Advision, Chateau Recorders/Paris).

QUALITY BUILD

The STX 500 uses high quality American manufactured components such as Grayhill and Cinemag. The units are hand soldered, assembled, and tested at our Ogden, Utah facility. In short, all STX series devices are designed and built to the same standards as our products were fifty years ago.

DESIGN

The STX 500 is designed to operate in the feedback path of the STX 100 mic/line preamplifier. The unit enables zero dB of insertion loss and is capable of providing graphic equalization curves at frequencies of 50, 100, 200, 300, 2500, 5000, 10000, and 15000 Hz. **Refer to inside center knob.**

The unit has two independent frequency controls (boost/cut). One for low frequencies, and one for high frequencies. Boost and cut shall be ± 12 dB. **Refer to outside knob.**

STX 500 Specifications

Insertion Loss: 0 dB

Circuit: Passive network utilized as active feedback element in conjunction with STX 100.

Distortion: Less than 0.01%, residual any boost cut setting.

Positions: Eight total: 50, 100, 200, 300, 2.5K, 5K, 10K, and 15K

Steps: 2dB/step for a total of six steps, boost/cut ± 12 dB

Power Equipment: None

PAIRING OF STX 100 AND STX 500 ASSISTANCE

Please contact us at (801) 593-9813

WARRANTY

This product is covered under warranty for a period of one year from the date of purchase. Warranty excludes misuse and abuse, or acts of god. The customer is required to contact the factory for shipping instructions.

Information contained in this document is subject to change without notice.