

Tube EQ TEQ-500S

Vintage Studio Equalizer

by

Lee Jackson®

Thank you for purchasing one of my Tube EQ's.

This was designed with the idea of being a cross between Vintage Tube EQ's and Modern available circuitry. Because it is based around a tube, the EQ's frequency range is effected by the material you play through it. This way if you boost the mid's of a guitar, it will be different if you boost the same mid's on a vocal.

Enjoy one of the warmest tube Equalizers you have heard.

Operation:

Three Band EQ:

High: Boost and Cut 1k - 100k

Mid: Boost and Cut 100 hz - 1K

Low: Boost and Cut 10 hz - 100 hz

Power: Operates in any API Mixer, API LunchBox or Equivalent Rack.

+ 4 Balanced In and Out.

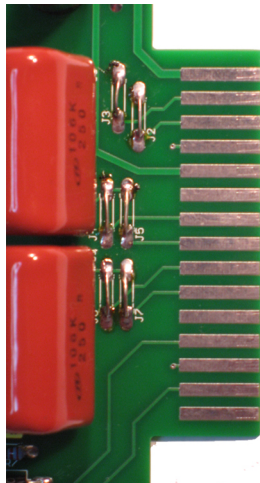
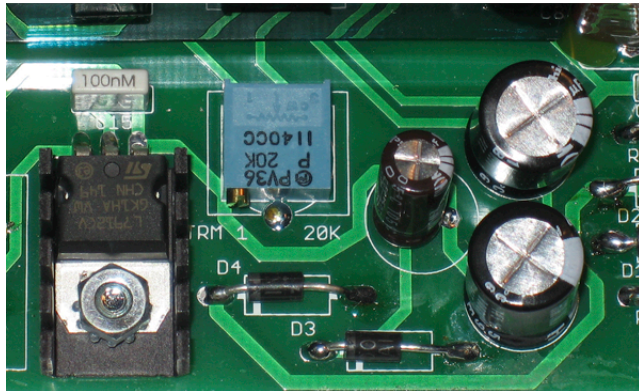
+/- 15 vdc 175 ma

Warning: We have found that our modules do not operate in BAE 500 series racks.

BAE and other rack manufactures are using a Split connector instead of the standard API connector. And they are only wiring one side, All you need to do is jumper the one side of the BAE connector to the other side.

Output Trim: This sets the output level of the Tube Eq, It can be set from unity (all the way right), to a gain of 50 (all the way left).

The pot is a 50 turn precision control, so you can match you signals exactly if needed.



Jumpers:

The Module is shipped with all jumpers in place. We have found that it works best in most applications.

If you find any audio problems when used in older rack systems, We recommend removing Jumper J2.

Jumper J2 connects Pin 3

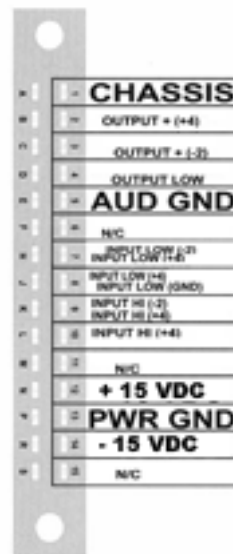
Jumper J3 connects Pin 2

Jumper J4 connects Pin 7

Jumper J5 connects Pin 8

Jumper J6 connects Pin 9

Jumper J7 connects Pin 10



Note: On the Tube EQ (Pin 15) is connected to 48v and must be used for the tube EQ to operate

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