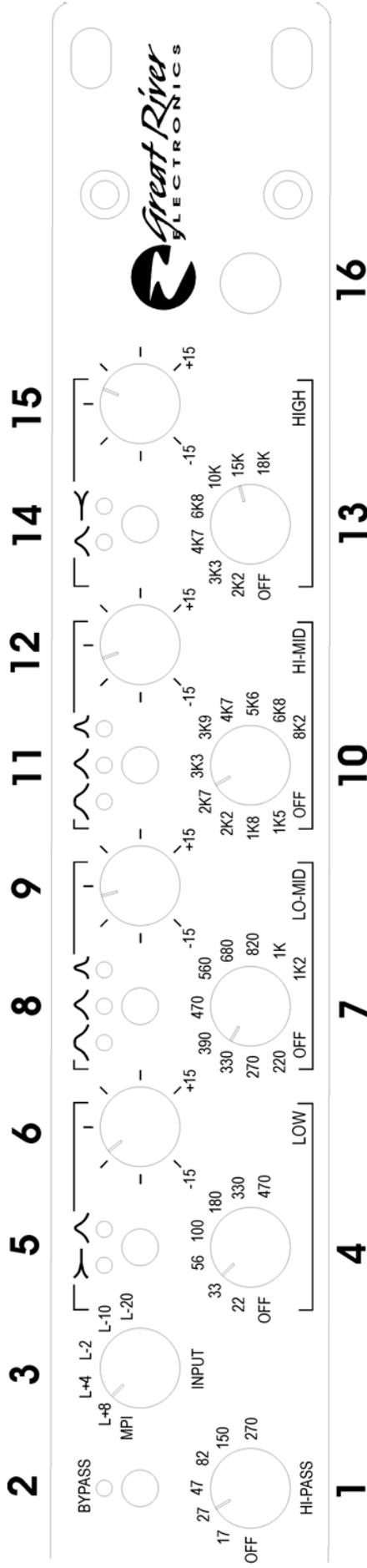


# NV Series Equalizer User's Guide

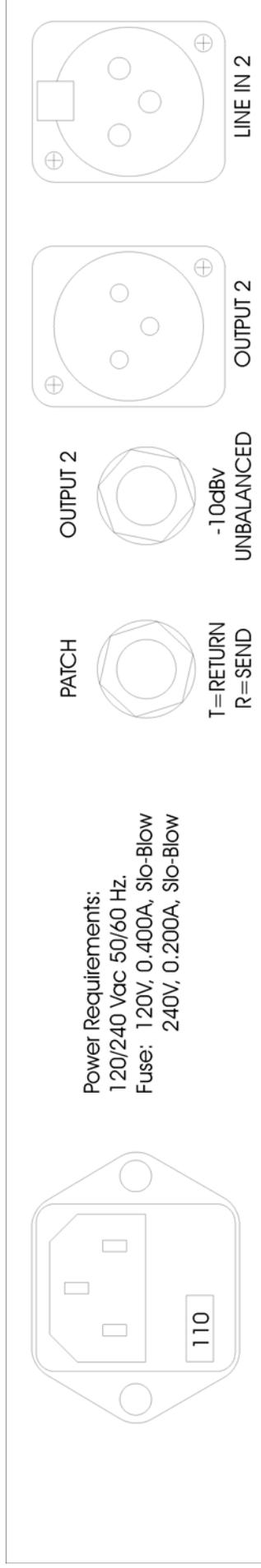
## Front Panel Controls



1. **Hi-pass filter.** This selectable switch activates a third order (18 db per octave) hi-pass filter at the frequency indicated. The filter also has an "off" position.
2. **Bypass switch and indicator light.** This button activates a hardware bypass of this channel's equalization circuitry. The input and output amplifiers remain active. The indicator light will be red in bypass mode.
3. **Input selector.** This selectable switch changes the input sensitivity from a nominal +8 dBm level to an instrument level of -20 dBm, in the steps noted. "MPI", Mic preamp input, enables the equalizer to receive signal from the TRS "patch point". This mode was designed for use with the Great River MP-2NV or ME-1NV. In MPI mode, the line input on the back panel of the EQ-2NV is disabled.
4. **Low band frequency selector.** This switch selects the low band frequency to be boosted or cut. When in the "off" position, the peak/shelf filter indicator light will not be lit.
5. **Low band peak/shelf filter and indicator.** This push button switches between peak and shelf mode for the low band.
6. **Low band boost/cut knob.** This pot will boost or cut the selected low band frequency. The range of the boost/cut is +/- 15 db.
7. **Lo-mid band frequency selector.** This switch selects the lo-mid band frequency to be boosted or cut. When in the "off" position, the Q position indicator light will not be lit.
8. **Lo-mid Q position selector and indicator.** This push button switches between narrow, medium, and wide Q positions for the lo-mid band. The green indicator light displays the selected Q position.
9. **Lo-mid boost/cut knob.** This pot will boost or cut the selected lo-mid band frequency. The range of the boost/cut is +/- 15 db.
10. **Hi-mid band frequency selector.** This switch selects the hi-mid band frequency to be boosted or cut. When in the "off" position, the Q position indicator light will not be lit.
11. **Hi-mid Q position selector and indicator.** This push button switches between narrow, medium, and wide Q positions for the hi-mid band. The green indicator light displays the selected Q position.
12. **Hi-mid boost/cut knob.** This pot will boost or cut the selected hi-mid band frequency. The range of the boost/cut is +/- 15 db.
13. **High band frequency selector.** This switch selects the high band frequency to be boosted or cut. When in the "off" position, the peak/shelf filter indicator light will not be lit.
14. **High frequency peak/shelf filter and indicator.** This push button switches between peak and shelf mode for the high band.
15. **High band boost/cut knob.** This pot will boost or cut the selected high band frequency. The range of the boost/cut is +/- 15 db.
16. **Power.** When pushed in, power is delivered to the equalizer.

# NV Series Equalizer User's Guide

## Rear Panel Controls



**1**

- Power.** The NV series preamplifiers are shipped to operate on standard 110 Vac. To operate the unit on 220 Vac, first remove fuse and replace with correct size. Then turn the voltage select card over and replace fuse into the NV series equalizer.
- Patch.** This patch jack is a 1/4" TRS (tip, ring, sleeve) type. The Tip is return, the Ring is send, and the Sleeve is ground. The nominal level is approximately -10 dBv and is designed specifically to interface with a Great River Electronics MP-2NV or ME-1NV.
- 10dBv Out.** The unbalanced line level output is a 1/4" TS (tip, sleeve) jack type. This output will drive a 600 ohm load.
- Output.** The balanced line level output jack is a male XLR type and uses a standard XLR cable. Pin 2 is hot.
- Line In.** The balanced line level input jack is a female XLR type and uses a standard XLR cable. Pin 2 is hot. By using the front panel selectable switch, the input sensitivity can be selected from a nominal +8 dBm level to an instrument level of -20 dBm, in the steps noted. When the "MPI", Mic preamp input, is enabled the equalizer will only receive a signal from the TRS "patch point".

**2**

PATCH



T=RETURN  
R=SEND

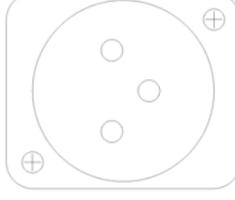
**3**

OUTPUT 2



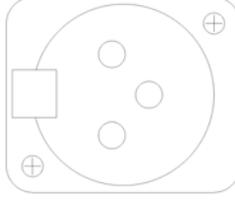
-10dBV  
UNBALANCED

**4**



OUTPUT 2

**5**



LINE IN 2

### Great River 2 Year Limited Warranty

The Great River Electronics Inc. 2 year limited warranty, effective from date of purchase, applies to all Great River products purchased from authorized dealers. Studio hardware components are warranted against defects in materials and workmanship. Upon receipt of notice of defective materials or workmanship, Great River shall, at its option, either repair or replace hardware products that prove to be defective. The Great River warranty does not apply to defects resulting from the following:

1. Improper or inadequate maintenance by the registered Buyer;
2. Unauthorized modification or misuse;
3. Buyer supplied interfacing;

The remedies provided herein are the Buyers sole and exclusive remedies. In no event shall Great River Electronics Inc. be liable for direct, indirect, special, incidental or consequential damages (including loss of profits) whether based on contract, tort, or any other legal theory.

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