

The all new MP-2NV preamplifier...



clean & clear at the top,
solid at the bottom.



Great River
ELECTRONICS



From Classical to Rock & Roll. . . The MP-2NV captures the highs and the lows.

The MP-2NV is an all new preamplifier based on the classic circuitry of the legendary Neve™ 1073 module.

This preamp is a departure from our normal design goals of accuracy and transparency. While the circuitry is capable of accurate clean gain, it is also very 'tunable' when you want the thunder and richness of tone associated with classic Neve™ 10 series modules.

The Magic Is In The Transformers

Working very closely with the design engineers at Sowter Transformers, and the ears at Mercenary Audio, we were able to develop custom transformers that provide the excitement and richness of tone you think of when you think 'vintage Neve™'. However, because of our painstaking efforts to make these transformers sing, we have found a way to maintain the opulence of tone associated with the vintage modules, while enabling the low end to have greater focus and clarity than original 10 series preamps without sacrificing an ounce of the tone we all love about those bits of history.

Gain is adjustable in 5db steps from 5 to 60db, and the output amplifier gain can be adjusted from -25 to + 10db, giving an overall maximum gain of 70db.

The gain switch, as well as the relays used for polarity, input impedance, high-Z switching and output loading are heavily gold-plated. The output control is a conductive plastic type for long life and low contact distortion.

The high-Z input on the front panel feeds a unique FET buffer amplifier. Because it feeds the input transformer, you get all the benefits of 'iron' in the path. The output amplifier is a single ended proprietary transformer coupled design. The circuit is heavily class A biased with more than 70ma of current in the output stage.

Outstanding Control Flexibility

Front panel controls include the standard phantom and polarity as well as an input impedance selector and an output termination switch.

Each channel has two meters, one is positioned after the second amplifier stage and the other is connected to the output stage. This allows visual monitoring of the signal through the preamp, which helps you set the MP-2NV up to achieve your sound.

The Ins and Outs

The rear panel has standard XLR connectors for the fully balanced in and outs, plus a 1/4" -10dbV output jack which can be used to feed a no-latency monitor mix. Each channel has a TRS patch jack to allow insertion of a compressor or equalizer ahead of the output amplifier.

The MP-2NV operates on 110 or 220 volts, and selection of the operating voltage and fuse replacement is external and requires no tools.

Specifications

Inputs

Microphone 300 or 1200 ohm
(1 per channel) 3 pin XLR connector on rear panel (pin 2 is hot)

Hi-Z > 1 megohm

(1 per channel) 1/4" phone jack on front panel

Outputs

Type 3 pin XLR connector on rear panel (pin 2 is hot)

Maximum output balanced+ 26 dbm

Type 1/4" phone jack on rear panel

Maximum output unbalanced+ 20 dbm

Patch

Type external processing loop
1/4" phone jack TRS on rear panel

Maximum output unbalanced+ 20 dbm

Performance

Distortion THD+ N < .02% at 40db gain

Noise EIN < -125dbm with 150 ohm source at 40db gain

Frequency Response 10 hz. to 30 Khz, + /-1 dB at 40 db gain

Size 1.75" H x 9" D x 19" W
12 lbs.

Power 110 VAC @ < 0.75 amp
220 VAC @ < 0.38 amp
IEC connector



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