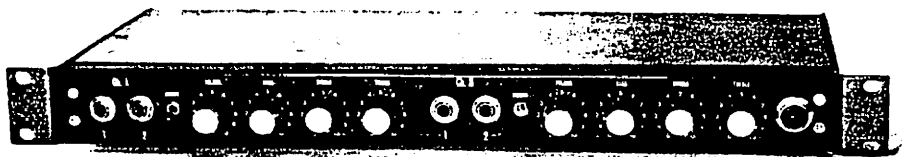


DATA SHEET
ALEMBIC F-2B STEREO PREAMPLIFIER



ALEMBIC

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The Alembic F-2B Stereo Preamplifier, illustrated above, is a two channel high quality tube-type preamp suitable for use with electric guitars, basses or any low level musical instrument pickups.

The front panel is black anodized aluminum with etched lettering. Each channel features volume, bass, middle, and treble controls, and two input jacks. Inputs # 1, when used alone, give direct access to the grids of the first stage of amplification. This feature is the result of a special

design which switches out the series resistance for the # 1 jacks, resulting in substantially less noise than comparable designs incorporating series resistance. Inputs # 2 provide 6 db pads. Both inputs # 1 and # 2 on a channel may be used simultaneously, too. In this case both signals are resistively mixed in equal proportions. A pilot light whose lamp may be replaced without demounting the unit completes the front panel layout.

Both outputs are on the rear panel, as is a third, mono, output. Also on the rear panel are the on-off switch and fuse post. The top cover is easily removable with a Phillips screwdriver for tube replacement and adjustment of the hum balance control (preset at factory).

The construction is straightforward and rugged. All screws are treated with a locking compound to guard against loosening due to the vibration of on-the-road use. The highest quality American components are used throughout. All controls are Allen-Bradley.

The tone control characteristics are of a type which experience has shown to be of particular usefulness to musicians. There is no absolutely flat position. See curves below for some of the many possible effects.

For those musicians interested in deliberately increasing distortion, it is suggested that the two channels be cascaded (i.e., the output of one plugged into the input of the other.) This may be done without risk of damage to the unit. Overall volume may then be controlled with the volume control on the power amplifier.

The F-2B Stereo Preamp may be used with any power amplifier having a line level input. The unit may be rack mounted in standard 19" racks. It comes equipped with rubber feet for free-standing use which may be removed for rack mounting.

SPECIFICATIONS

Input Sensitivity (Voltage required for line level output, using input # 1, 1 kHz, Volume and Tone controls at Maximum): 8 mV RMS

Output Level - Nominal: Line level (1 V RMS)

Maximum Voltage Swing: 150 V peak-to-peak

Input Impedance: Inputs # 1 : 1 megohm

Inputs # 2 : 136 K ohm

Output Impedance: Stereo outs : 40k

Mono outs : 90 k

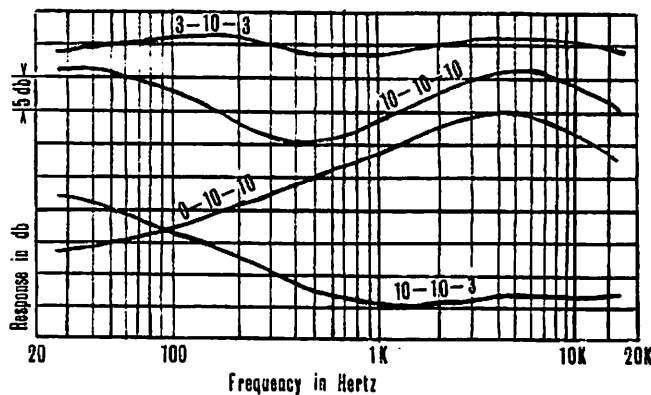
Tube complement: Two 7025/12AX7/ECC83

Fuse: 1/2 Ampere 3AG

Power Requirements: 10 Watts

Size: 1 3/4" height, 19" width, 8" depth

Price: \$ 335



Tone settings given as Bass-Middle-Treble (Bright switch off)

ALLENBIC **F-2B Stereo Preamplifier** Starting with Serial Number 143

