

OVATION AMPLIFIERS

MODEL
CHANGE

OPERATING MANUAL FOR
THE OVATION MODEL K-6003-B
PROFESSIONAL VOICE
AND MUSIC PREAMPLIFIER
WITH ECHO UNIT JACKS

You have purchased the finest audio amplification equipment made in the world today. It has been electronically and mechanically designed to perform with the ultimate of reliability. However, this equipment incorporates certain sound control applications that are quite different from other equipment you may have used.

In order for this equipment to perform in the manner for which it was designed, you should read the instructions contained in this manual carefully and follow the directions and explanations exactly.

If you have any questions, refer to the instructions at the end of this manual.

HERE IS WHY OVATION PREAMPLIFIERS ARE SO DIFFERENT AND OUTSTANDING

Your Ovation preamplifier is a solid state modular designed unit specifically engineered to provide maximum power and flexibility throughout the audio spectrum. Exclusive control features give you an endless range of performance and versatility of amplification not found in any other equipment.

"AMPLICARD" CIRCUITRY — One important Ovation feature is the "AMPLICARD" circuitry. With many preamps, the loss of any circuit can mean the loss of all sound. This cannot happen with Ovation preamplifiers. The "AMPLICARD" circuit boards, being independent of one another, are not affected should any one circuit fail.

"FAILSAFE" CIRCUIT — This circuit protects the amplifier from overloads. An easily reset circuit breaker replaces old-fashioned fuses. Acting in micro-seconds, it operates only when full power limits are exceeded, thus avoiding sacrificing musical versatility. To return the amplifier immediately to normal operation, merely press the reset button.

DUAL ACTION VOLUME CONTROL — An Ovation design to eliminate low level distortion by lowering input sensitivity as the volume control is lowered.

HOW TO INTER-CONNECT AND OPERATE THE K-6003-B WITH OTHER EQUIPMENT

1. Be sure the POWER ON-OFF switch is OFF.
2. Turn all controls (VOLUME, BASS, TREBLE, etc.) on the front of the preamplifier module to their 'O' settings.
3. Connect the power cord to a 117 volt, 60 cycle electric outlet.
4. Connect the shielded cord with the standard 1/4" phone plugs (supplied with the preamp) from the jack marked OUTPUT TO POWER AMP (green jack on rear of preamp) to the input (green jack) of your power amplifier.
5. Connect the power cord from your power amplifier to the accessory outlet in the rear of the preamplifier (marked 117VAC-3A).
6. Turn your power amplifier ON-OFF switch to ON and adjust the FINAL STAGE VOLUME CONTROL to the desired level.
7. Turn the ON-OFF switch on the preamplifier to ON. Pilot lights will glow both on the preamplifier and on the power amplifier.
8. Connect your instrument into the desired channel input jack and adjust the volume levels and audio effects controls. (See section on operating controls.)
9. To operate the selected special effects by remote control, insert the foot switch plug into the foot switch jack provided in the rear of the preamplifier.
10. To operate external echo units, connect shielded cord from jack on back of preamp marked ECHO TO to input jack on echo unit. Then, connect second shielded cord from output of echo unit to jack on back of pre-amp marked ECHO FROM.

K-6003-B REAR PANEL

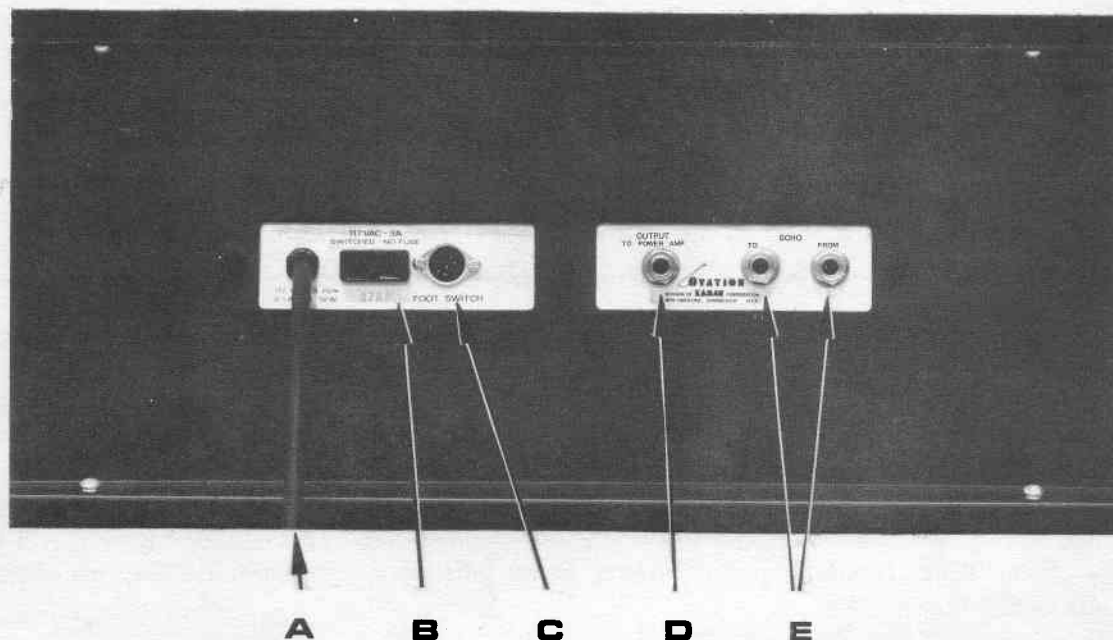


Figure 1

OPERATING CONTROLS

To produce the desired audio responses from this equipment, it is necessary that you read and fully understand the following paragraphs, which are keyed to Figures 1 and 2, for the complete explanations and operations of the controls on the preamplifier.

- A. **POWER CORD** – With standard two-prong plug, for use in a 117 volt, 60 cycle electric outlet only.
- B. **ACCESSORY OUTLET** – Controlled by the **POWER ON-OFF** switch on the front panel of the preamp. May be used to power any amplifier or accessory which takes less than 3 amps at 117 volts AC (approximately 300 watts). **DO NOT USE A MULTIPLE OUTLET PLUG TO ADD ADDITIONAL UNITS, OR DAMAGE CAN RESULT.**
- C. **FOOT SWITCH CONNECTOR** – This connector accepts the plug on the K-9601 foot switch. The foot switch is not required for operation of the preamp. However, it provides remote control of the pre-set reverb effect.

To use the foot switch to your best advantage: first select the settings desired for reverb as described in the descriptive paragraphs; then plug the foot switch into the **FOOT SWITCH** connector.

The single switch on the foot switch labeled **REVERB** is a sequential type; that is each time the switch is pushed in, it will alternately turn the desired effect on or off.

- D. **OUTPUT TO POWER AMP** – This green **OUTPUT** jack is used for normal operation of the preamp. The outputs of all six channels are mixed together and come out with the same signal strength at this jack. This green **OUTPUT** jack must be connected to the green **INPUT** jack on a power amplifier. Use shielded cables with standard 1/4" phone plugs.
- E. **ECHO – TO/FROM** – Jacks to receive cables from external echo unit.

K-6003-B FRONT PANEL

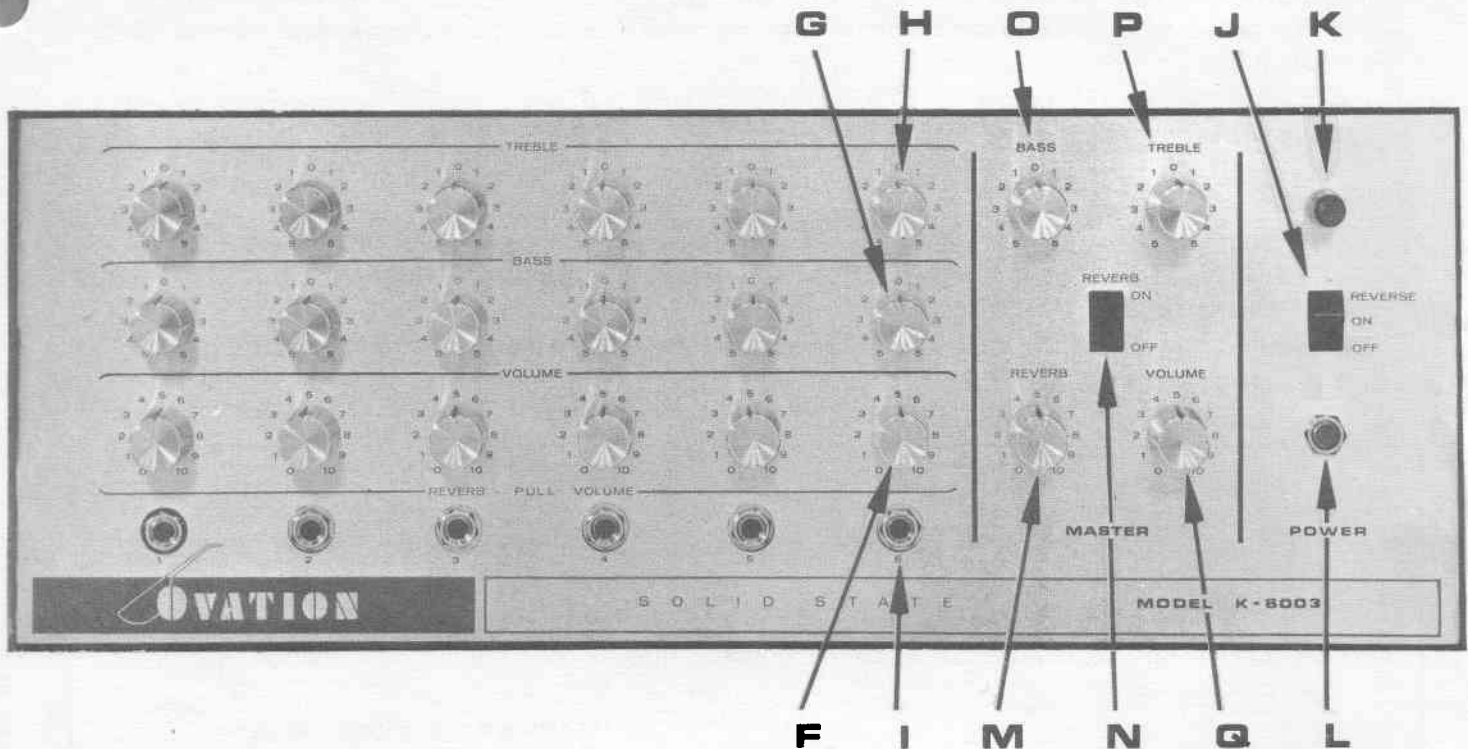


Figure 2

- *F. INDIVIDUAL CHANNEL VOLUME CONTROL – This VOLUME control varies the gain of the selected preamp channel. The purpose of the INDIVIDUAL CHANNEL VOLUME CONTROL is to match and blend the inputs from various sources. Pulling the VOLUME control out will turn on the reverb effect for this channel.
- *G. BASS CONTROL – The BASS control varies the low frequency response of the selected preamp channel. When the BASS control is turned left of 'O', the bass will be de-emphasized. Turning the BASS control right of 'O' will accentuate the bass tones.
- *H. TREBLE CONTROL – The TREBLE control varies the high frequency response of the selected preamp channel. When the TREBLE control is turned left of 'O', the treble will be de-emphasized. Turning the TREBLE control right of 'O' will accentuate the treble tones.
- I. INDIVIDUAL CHANNEL INPUT JACKS – These INPUT jacks accept standard 1/4" phone plugs. Any good quality, high-impedance microphone may be used with this preamplifier. Low impedance microphones require an external line transformer.
- J. ON-OFF SWITCH – This is a three-position switch. One position of this switch is OFF. The second position of this switch turns the preamplifier ON. The third position reverses the line connections. Use the position which gives the least power hum in the speakers.
- K. AMBER INDICATOR LIGHT – Indicates when power is applied to the preamplifier.
NOTE: When the amber indicator light is out, it is an indication that the circuit breaker has opened, that the power switch is not on, or that the line cord is not plugged into a live circuit.
- L. CIRCUIT BREAKER – Designed to open the circuit when an overload or malfunction occurs in the preamplifier. (Does not protect accessory outlet on back.) This type of circuit breaker requires no cooling off period and may be reset immediately. To reapply power to the preamp, just press the reset button and release. No fuses are required with any Ovation equipment.
- M. REVERB CONTROL – Turning the REVERB control clockwise will increase the amount of reverb effect in the selected channel or channels.
- N. REVERB-SELECT SWITCH – Pressing the red switch adjacent to the REVERB control will turn on the reverb. Pulling out the individual VOLUME control knob adds the reverb effect to that channel.

- *O. BASS-MASTER CONTROL – The MASTER-BASS control varies the low frequency response of the mixed outputs of all six channels. Turning the BASS control clockwise will accentuate the bass tones.
- *P. TREBLE-MASTER CONTROL – The MASTER-TREBLE control varies the high frequency response of the mixed outputs of all six channels. Turning the TREBLE control clockwise will accentuate the treble tones.
- *Q. VOLUME-MASTER CONTROL – The MASTER-VOLUME control varies the gain of the mixed outputs of all six channels.

***NOTE:**

1. CONTROLS F, G, AND H ARE FOR ADJUSTING THE VOLUME AND TONE OF EACH INDIVIDUAL CHANNEL TO COMPENSATE FOR THE FREQUENCY RESPONSES OF DIFFERENT MICROPHONES OR INSTRUMENTS.
2. CONTROLS O, P, AND Q ARE FOR ADJUSTING THE VOLUME AND TONE OF THE COMPLETE PREAMP TO COMPENSATE FOR THE ACOUSTICS OF THE AREA.

The instructions contained in this manual should be all that are required to properly operate the equipment. However, if you have any questions, your local dealer will be glad to help you.

If it is not possible to visit your local dealer, write to the Ovation Customer Service Department. Be sure to include the equipment model number and your return address in all correspondence.

**CUSTOMER SERVICE DEPARTMENT
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