

Luxe Tone

Made in U.S.A. Palm Springs, California

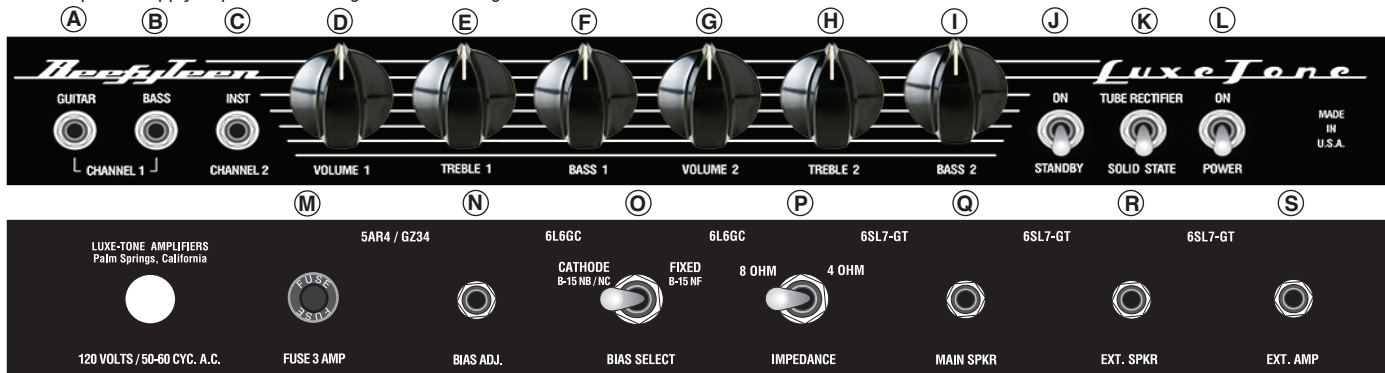
BeefyTeen

The **BeefyTeen** combines the original circuits of the B-15NB (1963), B-15NC (1964) as well as the later B-15NF (1965-67).

Its two channels each have volume, treble and bass controls. The first channel, from the B-15NF, has the volume control section before the tone stack. The second channel comes from the B-15NB and B-15NC which have the tone stack before the volume control.

The power amp section has two, switch selectable, bias modes - fixed (B-15NF) and cathode (B-15NB and B-15NC). The **BeefyTeen** is designed to output approximately 25 watts (RMS) in cathode bias mode and 35 watts (RMS) in fixed bias mode.

A front panel rectifier mode switch selects between a 5AR4/GZ34 tube rectifier (B-15NC and B-15NF) or a solid state rectifier (B-15NB). This allows the power supply to provide tube sag or solid state tightness.



- (A) CHANNEL 1 - GUITAR INPUT** — (B-15NF '65-'67) The volume control section is before the tone stack.
- (B) CHANNEL 1 - BASS INPUT** — (B-15NF '65-'67 '63-'64) The volume control section after the tone stack.
- (C) CHANNEL 2 - BASS INPUT** — (B-15NB & B-15NC '63-'64) The volume control section after the tone stack.
- (D) CHANNEL 1 VOLUME CONTROL** — Adjusts overall loudness of channel 1.
- (E) CHANNEL 1 TREBLE CONTROL** — Adjusts the amount of boost or cut in the high frequency range.
- (F) CHANNEL 1 BASS CONTROL** — Adjusts the amount of boost or cut in the low frequency range.
- (G) CHANNEL 2 VOLUME CONTROL** — Adjusts overall loudness of channel 2.
- (H) CHANNEL 2 TREBLE CONTROL** — Adjusts the amount of boost or cut in the high frequency range.
- (I) CHANNEL 2 BASS CONTROL** — Adjusts the amount of boost or cut in the low frequency range.
- (J) STANDBY SWITCH** — This switch turns the amplifier on and off. In the STANDBY position, the amplifier is so as to eliminate warm-up time. Use of this feature during short breaks vs. using the POWER SWITCH will increase tube life
- (K) RECTIFIER MODE** — Switch selects between a 5AR4 tube rectifier (B-15NC and B-15NF) or a solid state rectifier (B-15NB). This allows the power supply to provide tube sag or solid state tightness. **Always switch the STANDBY ON when switching rectifier modes.**
- (L) POWER SWITCH** — This switch turns the AC power ON and OFF. When the switch is OFF, the amplifier is completely shut down.
- (M) FUSE** — The fuse is in the AC supply of the amplifier and will help to protect the amplifier and operator in the event of an electrical fault. If a fuse blows, it should only be replaced with a fuse in accordance with the listing under the fuse holder. If the amplifier repeatedly blows fuses, it should be checked out by a qualified technician. **UNDER NO CIRCUMSTANCES** should a fuse of a different type, higher current rating, or a fuse bypass be used, as this could damage the equipment and present a serious safety hazard.
- (N) BIAS ADJUSTMENT (fixed)** — Adjusts bias on Power tube in Fixed Mode
- (O) BIAS SELECT SWITCH** — Select between fixed (B-15NF) and cathode (B-15NB and B-15NC). **Cathode mode should only be used with SS rectifier only.**
- (P) IMPEDANCE SWITCH** — Adjusts speaker impedance (ohms) for use with different speaker configurations. **Always switch off power when switching modes.**
- (Q) MAIN SPEAKER JACK** — This is the primary speaker connection. Speakers must always be connected here while operating the unit.
- (R) EXTERNAL SPEAKER JACK** — Plug in external speakers here. This jack is wired in parallel with the main speaker jack.
- (S) EXTERNAL AMP JACK** — Plug into external amp here. Amp becomes Tone Stack for external amplifier. Use when a more power full amp is needed.

Luxe Tone

Made in U.S.A. Palm Springs, California

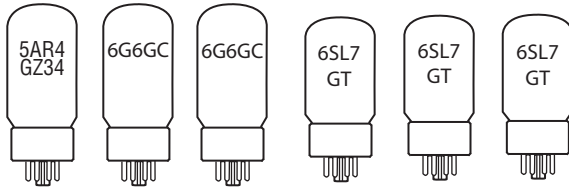
Beefy Teen

LINE CORD

This amplifier is equipped with a grounding type supply cord to reduce the possibility of shock hazard. DO NOT ALTER THE AC PLUG.

TUBES

The **Beefy Teen** complement consists of two 5881/6L6GC, four 12AX7's. Looking at the back of the amplifier, left to right, the old tube complement consisted of:



This amplifier is equipt with a Fixed bias control, when changing to different 6L6GC type tubes.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE AMPLIFIER TO RAIN OR MOISTURE!



TOLEX COVERING CARE

The tolex covering is of the same material that was used on the original **Beefy Teen**. It is best cleaned with awater-dampened sponge. Stubborn spots may becleaned with a sponge dampened with a very light soapy solution. Be careful not to let any liquid come in contact with the operating surfaces. DO NOT have the amplifier plugged into the power outlet when cleaning

TROUBLE SHOOTER'S CHECKLIST

If the amp is set up but does not function, check the following items:

- Is the amp power cord properly plugged into an electrical outlet?
 - Is there power at the outlet?
 - Is the fuse blown?
 - Are the speakers properly connected to the amplifier?
 - Is the amp on STANDBY?
 - Is the volume control turned up above "two"?
 - Is the volume control on the instrument turned up?
 - Is your instrument properly plugged into the amplifier? (Eliminate any effect pedals and try another guitar cord.)
- If, after checking all the above, the system is still not operating properly, consult Luxe-Tone Amplifiers.