

Thank you for purchasing the Būmbox Cielo guitar amplifier. Cielo began with a classic hard rock amp architecture with increased frequency response and dynamics. Modern features, such as reverb, effects loop, and power scaling, have been added overtime, enhancing versatility while retaining the great tone of the original Cielo prototype. If you are the type of player who works the volume knobs of your guitar, you will feel at home with this amplifier.

Power Tubes

Cielo uses EL34 power tubes exclusively. There is no need to bias.

Preamp Tubes

Cielo comes stock with four 12ax7's. You may use any 12a*7 type tube in any of the positions to suit your personal taste.

Power Scaling

Power scaling reduces the voltages at critical stages in the amp to reduce overall volume while retaining overall tone. Another added benefit of power scaling is enhanced tube life because lower voltages mean less heat dissipation and stress. The Master Volume knob is the power scaling control. The best sounds are found from 9 to 5 o'clock. In this range, the amp reacts the same as a non-master volume amp. Below 9 o'clock and the amp begins to sound effected, but this range is still useful for late night practice.

Effects Loop

The effects loop is a series type and is fully buffered. The headroom is immense as the loop can handle signals up to 30 volts peak to peak without clipping. The send level control is a boost/cut type and the return level control goes from unity gain to 20dB boost. It is possible to use stompbox or line level effects in the loop using the send and return controls. See the following illustrations for recommended settings:

Stompbox Effects



No Effects in Loop



Line Level Effects



Using Loop as a Boost
(for increased power amp distortion)



Some quick notes about using the effect loop effectively:

- Connect effects to the send and return jacks with the amplifier off or in standby and both Send and Return at minimum.
- If effects sound distorted, reduce the Send level.
- Reduce Send or Return if the Clip indicator is lit excessively.
- When Master Volume is set below 9 o'clock, set Return to 1:1 and reduce Send until the amplifier distortion sounds natural.

Warranty

This amplifier is warrantied for life from manufacturer defects to the original owner. Unauthorized repairs, modifications, or abuse will void this warranty. Tubes are warrantied for 30 days from the date of purchase. Please contact me at bumbox@bumboxamps.com if your amplifier is in need of a repair of any kind.