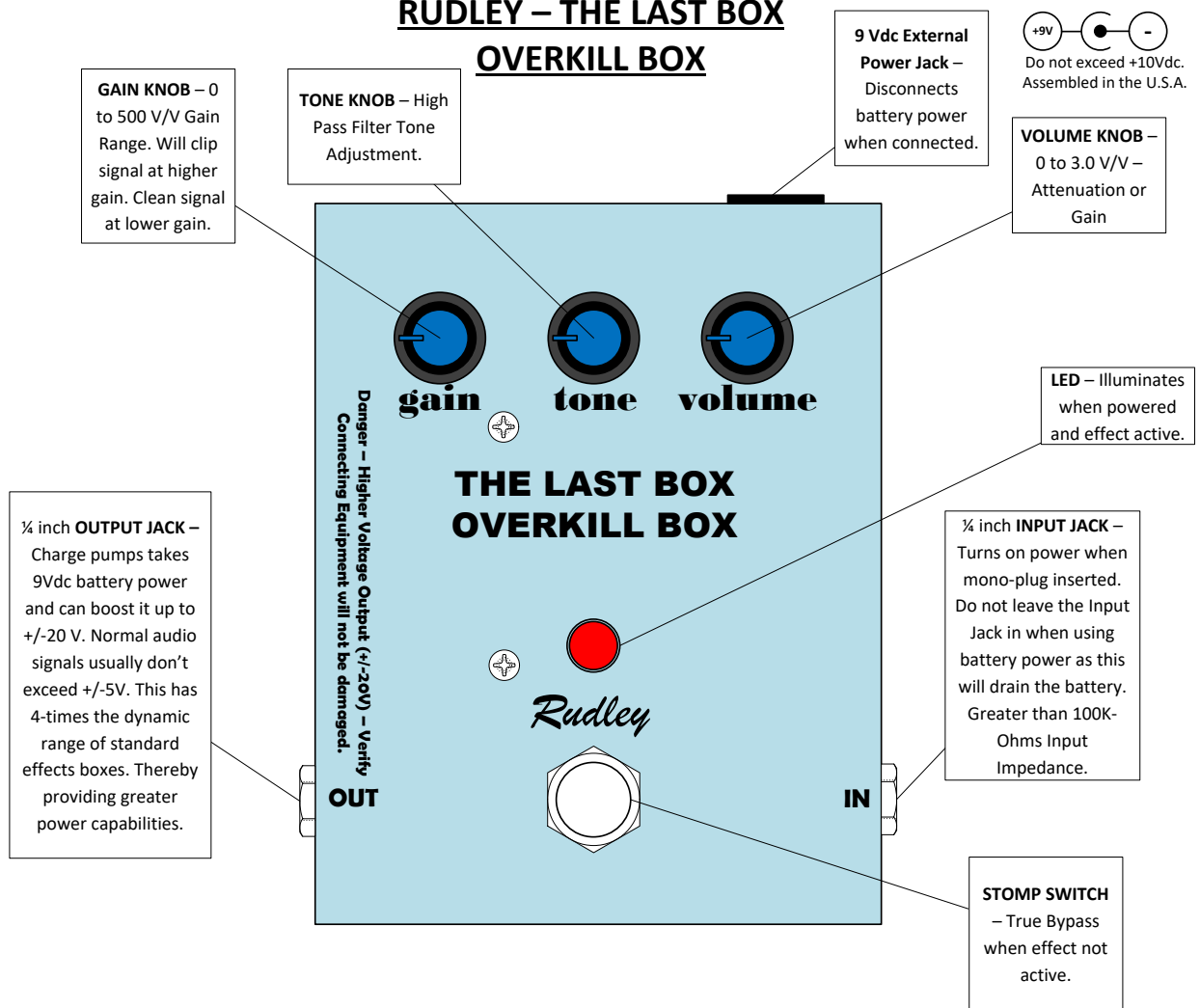


RUDLEY – THE LAST BOX OVERKILL BOX



Theory of Operation:

The GAIN KNOB provides up to 500 V/V (+54 dB) of gain. This stage uses a Dual Powered Op-Amp that is powered by +/-20 Vdc power. When the GAIN KNOB is turned up, it will saturate the Op-Amp and clip the signal, thereby providing a distorted signal. With the GAIN KNOB turned down, it provides a clean boost that is not saturated. When the GAIN KNOB is turned up, it will provide a dirty signal.

The TONE KNOB provides a High “Q” highpass filter that provides unique shaping for good guitar tone. When turned down it allows the bass content to pass through, when turned up it provides greater treble and over-tone content. It is recommended to use this knob to tune the effect to the desired tone.

The VOLUME KNOB provides up to 3.0 V/V (10 dB) of gain. It is also used provide attenuation. When playing a distorted signal with the GAIN KNOB turned up, it is recommended to use the VOLUME KNOB to attenuate the signal. With the GAIN KNOB turned down playing a clean signal, it is recommended to turn the VOLUME KNOB up if greater clean boost is desired.

Maximum Overall Gain potential = 1,500 V/V (64 dB). Current draw at 9 Vdc = 20 ma. Approximately 50 hours of Battery Life.