

\*DISCONTINUED

THE DUAL STAGE 30 AMP  
BY  
*BUDDA AMPLIFICATION*

**SUGGESTED OPERATING SETTINGS:**

**Bass & Treble Controls:** Depending on whether or not you use single coils or humbuckers, 2x12's, 4x12's, etc., you will find the treble control likes to sit between 12 o'clock and 4 and the bass control between 10 O'clock and 2. Feel free to experiment. There are no rules when finding your tone!

**Output Attenuator:** This 5 position switch attenuates only the EL84 power tubes. Position 1 = 0db, 2 = -3db, 3 = -12db, 4 = -16db and 5 = -20db. This switch allows you to control your volume and drive for the EL84 power section. For a traditional Blues style rhythm and overdrive tone, ala Bassman/Dumble, set the *Output Attenuator* control fully clockwise, 0db and adjust the *Volume* control for the amount of gain desired. For a modern hi gain Plexi Marshall style overdrive tone, set the *Output Attenuator* control between positions 3 and 5. Then adjust your *Volume* control between 12 O'clock and 3 for the amount of overdrive gain you want added to your tone. (\*Note; the farther you turn the Hi Gain level control to the right, the bolder and louder the signal becomes-Keep your ears at a safe distance please!)

**Hi Gain Bite:** This control works on both power sections and functions only when your guitar is plugged into the hi gain input. The hi gain bite control adds a little sizzle and girth to your tone. When set counterclockwise, the control is neutral. Turn clockwise to add a "top boost" style effect to your tone.

**5881 Volume:** This controls your volume drive for the 5881/6L6 power section. You can use either a pair of 5881's or a pair of 6L6's, depending upon your tonal preference. 5881's are a little softer and 6L6's have a little more gain. Begin by rolling your guitars volume pot off between 5 and 7. Adjust the *5881 Volume* control until you get the desired clean sound you want. Make sure the notes are fat and clean with just a tinge of breakup and that the volume is balanced in level with the EL 84 volume setting. Once you balance the two power sections, you can then use your guitar volume pot to add a little extra grind by rolling your pot up and down for the right amount of distortion. You can essentially add a third crunch channel to the amp this way. You can access the EL84 power section by pulling the 5881 volume control pot out. We added the push pull pot in case you lose your footswitch and need to access either power section manually.

**Normal Input:** This input has less gain then the hi gain input and is best used for a traditional early "Fender" black face/tweed style gain.

**Hi Gain Input:** This input adds more gain to your signal and is best used for aggressive crunch and lead tones, as well as a phat rhythm tone with your guitar volume pot backed off.

**Footswitch:** You will find all your controls neatly arranged on the footswitch. You can access the *Tube switching* and *Speaker switching* functions of the amp simply by depressing the footswitch button. Plug one end of the stereo cable included into the footswitch and the other into the 1/4" jack labeled *Footswitch* on the rear panel of the amp under the function switch jacks. You can now switch between the two power sections (EL84's and 5881'/6L6's) and your

choice of speaker cabinets via the footswitch. To send your signal to another speaker cabinet, plug the extension you wish to route the signal to into the aux1 speaker output on the rear panel of the amp. Make sure you select the correct ohmage of this extension cabinet to avoid putting stress on the transformer. You can now switch between your head-cabinet/combo setup to your extension cab plugged into aux1. You can run up to two cabinets per main and aux speaker outs. If you want the amplifier to cabinet switch at the same time that you switch your power tubes, set the *Lead Link* switch to the right. This automatically combines the tube switching function and cabinet switching function at the same time.

Note: Please use only a high quality insulated speaker plug for the auxiliary speaker outputs. Make sure you set the proper ohmage matched to your speaker cabinet by way of the switches on the rear of the chassis. You will find a select switch for 4, 8 and 16 ohms. Also, when using the cab switching feature from either the footswitch or *Lead Link* , make sure that you plug your extension cabinet into aux out 1.

**Slave:** This line level output is used to send the entire power section signal (post eq/effects loop) to an external power amp for additional amplification and, to a board for a monitor feed.

\* A note of interest is that the power section of this amplifier is an extremely powerful 30 watts and we recommend using Budda extension cabinets and speakers that are fine tuned to the Dual Stage 30 electronics for maximum sonic performance. Many speakers and cabinet designs cannot handle the power ratings of this amp.

\*\*Budda also recommends that you wear ear plugs to avoid the serious complications of hearing loss. Budda SayS: Man who cannot hear tone, laughs alone!