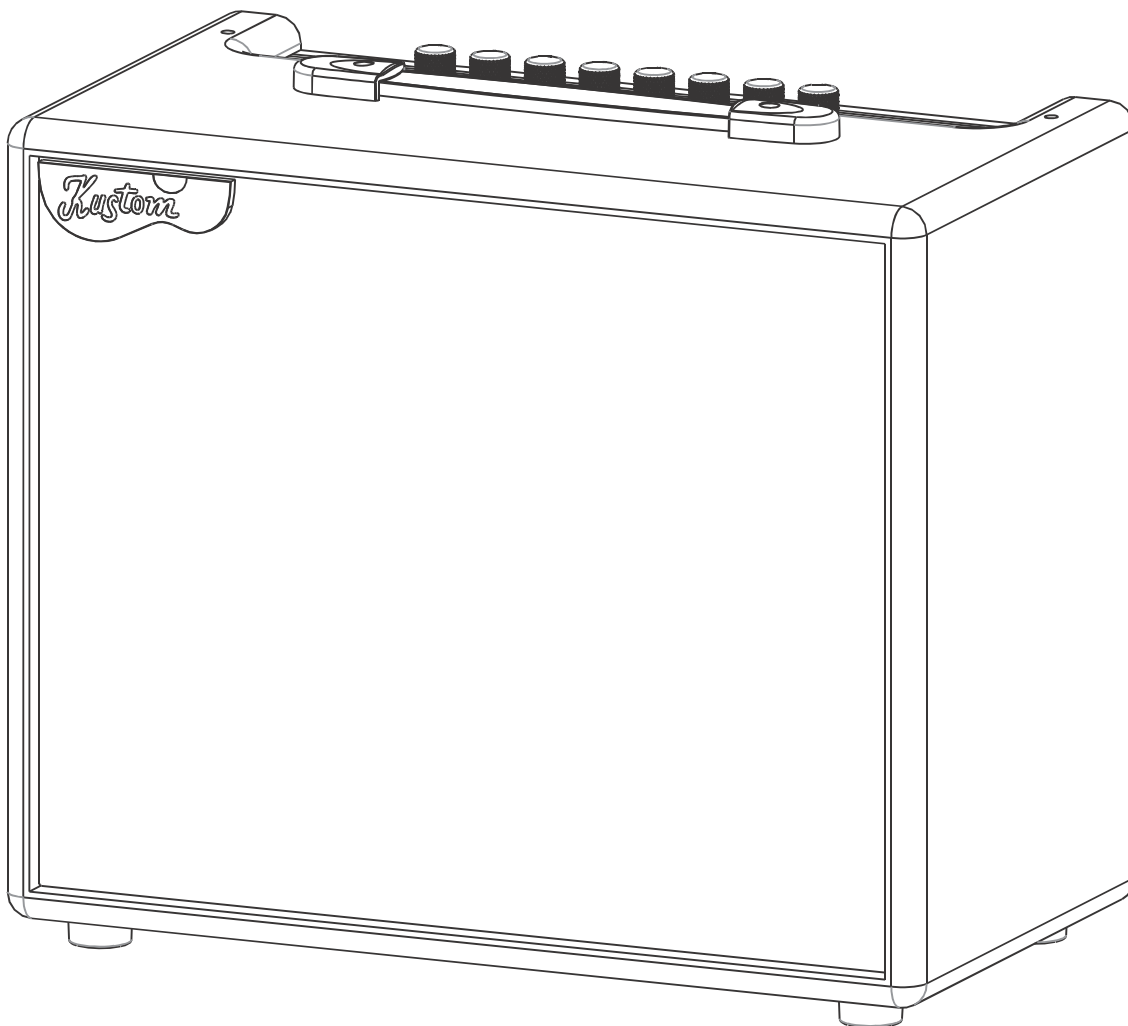


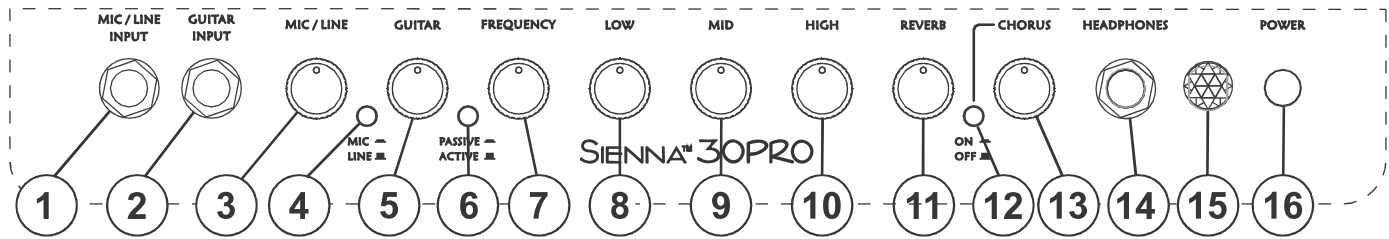


Sienna™ 30PRO
ACOUSTIC GUITAR AMP



Congratulations on the purchase of your Sienna 30PRO.

Your Sienna PRO Model draws on decades of amp design and manufacturing experience at Kustom. This model was built from the ground up to offer world-class tone, useful features and reliable performance. Inside this manual, you'll find valuable information about the amp's controls and specifications. Being familiar with its features will help you effectively tailor your amp's sound. We wish you many years of enjoyment with your Kustom amplifier.



1.) Mic/Line Input - this is a 1/4" 3 conductor input jack for plugging in a microphone or instrument. It is intended for microphones but will accept other instruments as well.

2.) Guitar Input - this is a 1/4" 2 conductor input jack for plugging in your instrument. It is intended for guitar or Hi-Z microphones but will accept other instruments as well.

3.) Mic/Line Volume - this control is the output volume control for the mic/line input. Slowly increase the control to increase the volume. If you are using a high impedance microphone, be careful when increasing the volume. Depending on mic position, it may feedback if mic is in front of speaker.

4.) Mic/Line - this switch will select a mic or line level input. If you are using a high impedance microphone, be careful when increasing volume. Depending on mic placement, feedback may occur.

5.) Guitar Volume - this control is the output volume control for the guitar input. Slowly increase the control to increase the volume. If you are using a guitar with an on-board preamp, set it's level for a mid position before increasing this control otherwise distortion may occur.

6.) Active - this switch will place a -20db pad in the circuit which will allow use of active on-board electronics from pre-amplified guitars. This will help keep the signal extremely clean.

7.) Frequency - this control is a tight Hi-Q cut filter notch with an extremely narrow width. It sweeps between 50Hz & 500Hz and "fine tunes" the midrange of the acoustic guitar. This helps eliminate unwanted "ringing" tones. It is preset to -10db.

8.) Low - this control is the bass control. It is active and set to boost or cut frequencies at 60 Hz. This will effect the low frequency signals. Turning it counterclockwise, the low will be rolled off -18db. Clockwise, it will boost +18db. Especially good for "cleaning up" preset patches or making thin toned guitars sound fuller.

9.) Mid - this control is the midrange control. It is active and set to boost or cut frequencies 1.5KHz. This will effect the mid-low frequency signals. Turning it counterclockwise, the low-mids will be rolled off -12db. Clockwise, it will boost +12db. Especially good for "cleaning up" guitar overtones.

10.) High - this is the high frequency tone control. It is active and set to boost or cut frequencies at 5KHz. This will effect the high frequency signals. Turning it counterclockwise, the highs will be rolled off -18db. Clockwise, it will boost +18db. This will add or subtract the high end shimmer and clarity.

11.) Reverb Level - this control adds the spring reverb and mixes it into the main signal buss. Reverberation creates a trail like effect with the sound. It lets the notes "hang in the air" longer, extending the sound.

12.) Chorus On/Off - this is the switch to turn on and off the chorus circuit.

13.) Chorus Level - this is the Speed Control for the chorus circuit.

14.) Headphone Jack - this is a 1/4" 3 conductor jack for plugging headphones. It will sum the signal and put the sound in both ears, thereby creating a pseudo-stereo sound. Volume will be determined by the volume control on the channel you are on. It will disconnect the internal speaker when plugged in. This will allow quiet practicing.

15.) Jewel Light - this jewel light lets you know that the amplifier is on.

16.) Power - this switch turns on and off the AC power to the amp.

Back Panel - (not pictured)

Speaker Out - this is a 2 conductor 1/4" speaker output jack. This will disconnect the internal speaker and allow an external speaker cabinet to be employed. Rating is 8 ohms.

Line Output - this is a 2 conductor 1/4" line output jack. This will allow an external amplifier or mixing board to be supplied with the signal from this amp. This signal is attenuated and comes from the power amp.

Effects Loop I/O - these are 2-2 conductor 1/4" jacks. This will allow an external effects device or equalizer to be patched back in before the power amp section in this amp. One is send and the other is return.

Footswitch Jack - this is a 3 conductor 1/4" jack. This is for hooking up a footswitch to turn on/off the chorus and reverb.

SPECIFICATIONS

Model	Power	Equalizer	Channels	Impedance	Effects	Amplifier Type	Dimensions	Weight
Sienna 30PRO	30W	3 Band	Two	8 Ohms	Reverb Chorus	Class A/B	14.97" x 18.2" x 9.7"	31 lbs.



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