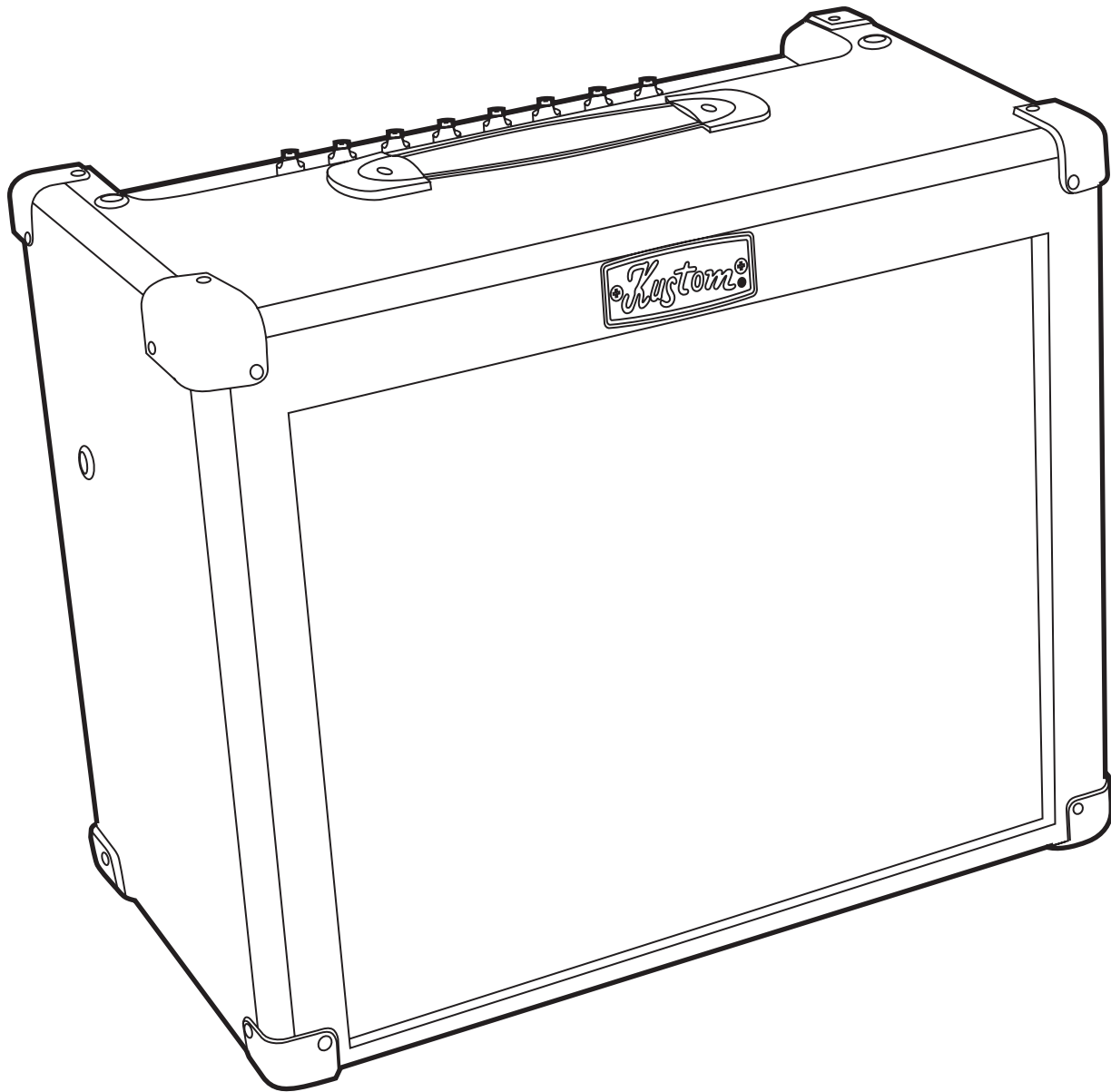




**Sienna™ 65PRO**  
**ACOUSTIC GUITAR AMP**



**Congratulations on the purchase of your Sienna 65PRO.**

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.



## FCC Statements

1. Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IMPORTANT SAFETY INSTRUCTIONS

### Danger

Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably to noise induced hearing loss but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time.

The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

DURATION PER DAY (HOURS)	8	6	4	3	2	1
SOUND LEVEL (dB)	90	93	95	97	100	103

According to OSHA, any exposure in the above permissible limits could result in some hearing loss. Earplugs or protectors in the ear canal or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss. If exposure in excess of the limits as put forth above, to insure against potentially harmful exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of inducing high sound pressure levels, such as this amplification system, be protected by hearing protectors while this unit is in operation.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.



APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. Bathtub, sink, swimming pool, wet basement, etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings, It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources; such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord being walked on or pinched, particularly at Plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.
11. Only use attachments specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
16. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
17. When the MAINS plug, or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
18. **Protective Ground Terminal:** The apparatus shall be connected to an AC main socket with a protective earth ground connection.



Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan  
 Apparatet må tilkoples jordet stikkontakt  
 Apparatens skall anslutas till jordat uttag

# IMPORTANT SAFETY INSTRUCTIONS

## FRENCH

### Danger

L'exposition a des niveaux eleves de bruit peut provoquer une perte permanente de l'audition, Chaque organisme humain reagit differemment quant a la perte de l'audition, mais quasiment tout le monde subit une diminution de l'acuite auditive lors d'une exposition suffisamment longue au bruit intense. Les autorites competentes en reglementation de bruit ont defini les expositions tolerees aux niveaux de bruits:

DURATION PER DAY (HOURS)	8	6	4	3	2	1
SOUND LEVEL (dB)	90	93	95	97	100	103

Selon les autorites, toute exposition dans les limites citees ci-dessus, peuvent provoquer certaines pertes d'audition. Des bouchons ou protections dans l'appareil auditif ou sur l'oreille doivent etre portes lors de l'utilisation de ce systeme d'amplification afin de prevenir le risque de perte permanente de l'audition, Dans le cas d'expositions superieures aux limites precitees il est recommande, afin de se premunir contre les expositions aux pressions acoustiques elevees potentiellement dangeereuses, aux personnes exposees aux equipements capables de delivrer de telles puissances, tels ce systeme d'amplification en fonctionnement, de proteger l'appareil auditif.



CE SYMBOLE A POUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE DE VOLTAGE DANGEREUX NON-ISOLE A L'INTERIEUR DE CE PRODUIT QUI PEUT ETRE DE PUISSANCE SUFFISAMMENT IMPORTANTE POUR PROVOQUER UN CHOC ELECTRIQUE AUX PERSONNES.



CE SYMBOLE A POUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE D'INSTRUCTIONS D'UTILISATION ET DE MAINTENANCE DANS LES DOCUMENTS FOURNIS AVEC CE PRODUIT.



AFIN DE REDUIRE LES RISQUÉ D'INCENDIE ET DE DECHARGE ELECTRIQUE, NE PAS EXPOSER CET APPAREIL A LA PLUIE OU A L'HUMIDITE.

Laitte on liitettävä suojakoskettimilla varustettuun pistorasiaan

Apparatet må tilkoples jordet stikkontakt

Apparaten skall anslutas till jordat uttag

1. Lire avec attention toutes les recommandations et précautions d'emploi avant d'utiliser ce produit.
2. Toutes les recommandations et précautions d'emploi doivent être conservées afin de pouvoir s'y reporter si nécessaire.
3. Lire et comprendre tous les avertissements énumérés dans les précautions d'emploi.
4. Suivre toutes les précautions d'emploi pour utiliser ce produit.
5. Ce produit ne doit pas être utilisé près d'eau, comme par exemple baignoires, éviers, piscine, sous-sol humides ... Etc.
6. Utiliser exclusivement un chiffon sec pour nettoyer ce produit.
7. Ne bloquer aucune ouverture de ventilation. Ne pas placer le produit tout contre un mur ou dans une enceinte fermée, cela générerait le flux d'air nécessaire au refroidissement.
8. Ne pas placer le produit près de toute source de chaleur telle que radiateurs, arrivées d'air chaud, fourneaux ou autres appareils générant de la chaleur (incluant les amplificateurs producteurs de chaleur).
9. Ne pas négliger la sécurité que procure un branchement polarisé ou avec raccordement à la terre, Un branchement polarisé comprend deux fiches dont l'une est plus large que l'autre. Un branchement à la terre comprend deux fiches plus une troisième reliée à la terre. Si la fiche secteur fournie ne s'insert pas dans votre prise de courant, consulter un 'électricien afin de remplacer votre prise obsolète.
10. Protéger le cordon d'alimentation de tout écrasement ou pincement, particulièrement au niveau des fiches, des réceptacles utilisés et à l'endroit de sortie de l'appareil. Ne pas casser la fiche de terre du cordon d'alimentation.
11. Utiliser uniquement les accessoires spécifiés par le constructeur.
12. Utiliser uniquement avec le chariot de transport, le support, le trépied, la console ou la table spécifiés par le constructeur ou vendus avec l'appareil. Lors de l'utilisation d'un chariot, bouger avec précaution l'ensemble chariot/appareil afin d'éviter les dommages d'un renversement.
13. Débrancher cet appareil lors d'orages ou s'il n'est pas utilisé pendant une longue période.
14. Des précautions doivent être prises afin qu'aucun objet ne tombe et qu'aucun liquide ne se répande à l'intérieur de l'appareil par les orifices de ventilation ou n'importe quelle autre ouverture.
15. Pour toutes interventions techniques s'adresser à un technicien qualifié. L'intervention technique est nécessaire lorsque l'appareil a été endommagé de n'importe quelle façon, comme par exemple si le cordon secteur ou sa fiche sont détériorés, si du liquide a coulé ou si des objets sont tombés à l'intérieur de l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou s'il est tombé.
16. ATTENTION: Pour réduire le risque d'incendie ou de choc électrique ne pas exposer l'appareil à la pluie ou à l'humidité.
17. Quand La prise MAINS, au coupler, est utilisé pour la source d'alimentation électrique. Il est conseillé de garder cette prise facilement accessible.
18. Borne de terre de protection: L'appareil doit être connecté à un connecteur AC principale avec un raccordement à la terre de protection.





# EC Declaration of Conformity

We: Kustom Musical Amplification INC.  
3015 Kustom Drive  
Hebron, Ky 41048  
Tel: 1-859-817-7164 Fax: 1-859-817-7199

Declare that the product

Product name: Kustom

Product model number: Sienna 65PRO

to which this declaration relates is in conformity with the following standards;

EN55013: 2001/+A1:  
2003+A2: 2006 Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment.

EN55020: 2007 Electromagnetic immunity of broadcast receivers and associated equipment.

EN61000-3-2: 2006/+A1:  
2009 + A2: 2009 Limits for harmonic current emissions (equipment input current < 16A per phase).

EN61000-3-3: 2008 Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated currents < 16A.

EN60065: 2002 + A1:2006  
+ A11: 2008 + A2:2010  
+ A12:2011 Safety requirements for main operated electronic and related apparatus for household and similar general use.

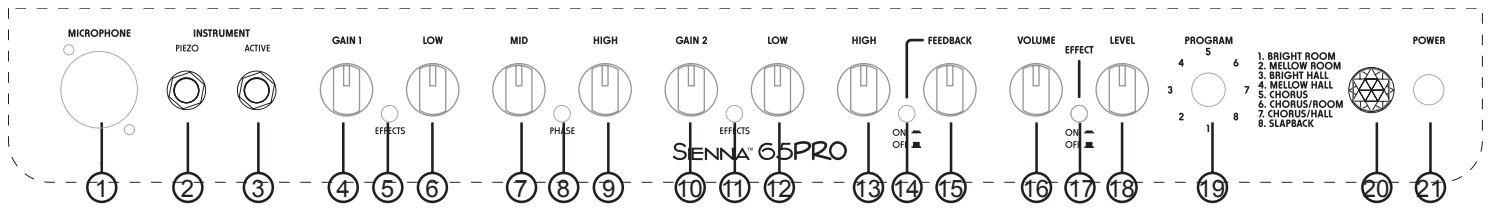
Following the provisions of EU Council Directive(s): 2004/108/EC and 2006/95/EC.

We the undersigned, hereby declare that the equipment specified above conforms to the aforementioned directive(s).

Name of authorized person: Fred Conrad, Manager Engineering services

Signature:  Date: 03 July, 2013

Kustom Musical Amplification INC.  
3015 Kustom Drive  
Hebron, Ky 41048  
Tel: 1-859-817-7164 Fax: 1-859-817-7199



- 1.) **Microphone Input** - this is a 3 cond. XLR input jack for plugging in Lo-Z microphones. It is intended for microphones and has 15V Phantom Power for condensor microphones.
- 2.) **Piezo Input** - this is a 1/4" 2 conductor input jack for plugging in your instrument. It is intended for an acoustic/electric guitar with a piezo-electric pickup.
- 3.) **Active Input** - this is a 1/4" 2 conductor input jack for plugging in your instrument and 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.
- 4.) **Gain 1** - this control is the preamp input for the microphone input. Slowly increase the control to increase the volume.
- 5.) **Effect On/Off**- this switch will turn the effects for the microphone channel on and off.
- 6.) **Bass** - this control is the bass control for the microphone channel. It is passive and set to shelve frequencies at 100 Hz. Turning it fully clockwise, the signal is unaltered. Turning it counterclockwise, the low will be rolled off -12db.
- 7.) **Middle** - this control is the midrange control for the instrument channel. It is passive and set to shelve frequencies at 1KHz. Turning it fully clockwise, the signal is unaltered. Turning it counterclockwise, the middle will be rolled off -12db.
- 8.) **Phase Reversal On/Off**- this switch will reverse the phase on pins 2 & 3 for the microphone to help with feedback or overly loud bass frequencies from the microphone channel.
- 9.) **Treble** - this is the high frequency tone control for the microphone channel. It is passive and set to shelve frequencies at 3KHz. Turning it fully clockwise, the signal is unaltered. Turning it counterclockwise, the highs will be rolled off -12db.
- 10.) **Gain 2** - this control is the preamp input for the instrument input. Slowly increase this control to increase the volume on the instrument inputs.
- 11.) **Effects On/Off**- this switch will turn the reverb for the instrument channel on and off.
- 12.) **Bass** - this control is the bass control. It is passive and set to shelve frequencies at 100 Hz. Turning it fully clockwise, the signal is unaltered. Turning it counterclockwise, the low will be rolled off -12db.
- 13.) **Treble**- this is the high frequency tone control. It is passive and set to shelve frequencies at 3KHz on the instrument channel. Turning it fully clockwise, the signal is unaltered. Turning it counterclockwise, the highs will be rolled off -12db.
- 14.) **Feedback On/Off** - this switch will engage the Feedback control.
- 15.) **Feedback** - this control is a 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.
- 16.) **Master Volume** - this is the overall volume level control for the amplifier. To keep distortion at a minimum, we suggest you turn this up between 1/2 and 2/3, then bring up the individual channels.
- 17.) **Effects On/Off**- this switch will turn the digital effects for the entire unit on and off.
- 18.) **Effects Level** - this control adds the digital effects and mixes them into the main signal.
- 19.) **Effects Program** - this control selects between the different digital effects. Effects include: 4 Reverbs, 1 Delay, 1 Chorus, 2 Chorus & Reverb.
- 20.) **Jewel Light** - this jewel light lets you know that the amplifier is on.
- 21.) **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.

**Effects Loop I/O** - these are two 2-conductor 1/4" jacks. These 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 2 conductor 1/4" jack. This is for hooking up a footswitch to turn on/off the onboard digital effects.

**SPECIFICATIONS**

Model	Power	Equalizer	Channels	Impedance	Effects	Amplifier Type	Dimensions	Weight
Sienna 65PRO	65 W	Dual 3 Band	Two	8 Ohms	8 Preset Digital FX	MOS-FET Transistor	21" x 11.5" x 17.5"	48 lbs.







[www.kustom.com](http://www.kustom.com)

Kustom Amplification, Inc.

3015 Kustom Drive

Hebron, Kentucky

USA 41048

888-4-KUSTOM (888-458-7866)

All specifications are subject to change without prior notice. ©2011 Kustom

