

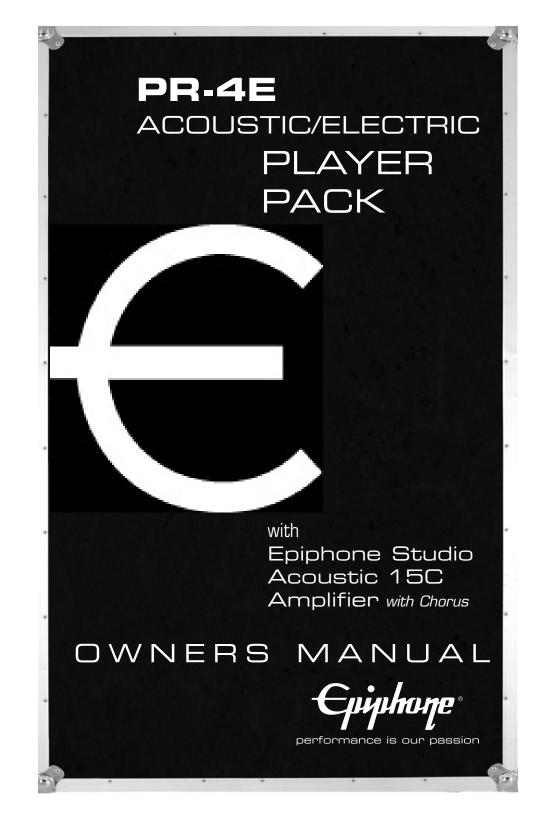
# eMedia ONLINE GUITAR LESSONS



The Epiphone Company • A Part of Gibson Brands 1510 Elm Hill Pike • Suite 212 • Nashville, Tennessee 37210 USA www.epiphone.com



performance is our passion





## -

## GUITAR OWNERS MANUAL

# Care Of Your Instrument

We recommend that you always keep your instrument in a case when transporting or storing it. This reduces the possibility of damage due to nicks and jams, and sudden changes in climate or atmosphere.

Carry the case with the lid towards your body. In the event that you have not properly fastened the latches and the case opens, the lid will fall against your leg and prevent the instrument from falling on the ground. Never put your instrument in the trunk of your car or place anything on top of it.

Perspiration can damage the finish of your instrument so always wipe down your guitar after playing or before storing with a clean soft cloth. Polishing it with some high gloss guitar polish or a good quality carnauba wax polish will prolong the durability of the finish.

## Tuning Your Instrument

|     |     |     | Guita | r   |     |     | Ва  | ass |     | _ |
|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|---|
| 6th | 5th | 4th | 3rd   | 2nd | 1st | 4th | 3rd | 2nd | 1st | _ |
| Е   | Α   | D   | G     | В   | Е   | Е   | Α   | D   | G   |   |

The above chart shows how different instruments are tuned. The first string, for this purpose, is considered to be the smallest diameter. Tune the two outside strings first, then tune towards the center. This equalizes the pressure on the bridge and allows rapid tuning.

Many individuals have their own method of tuning their instrument. We recommend the following method. An Epiphone guitar is tuned to A-440; utilizing a tuning fork, electronic tuner or pitch pipe.

All tuners work alike: a microphone or other sensor "listens" to your guitar. When you play a string, the tuner analyzes the pitch and shows whether it's flat (too low), sharp (too high), or on pitch. If needed, you rotate the guitar's machine head as appropriate to correct the pitch.



#### Follow these tips for more accurate tuning.

- Strings retain correct pitch longer if you tune up to pitch. If a string is sharp, tune it somewhat flat, then tune it up to pitch.
- Old strings are hard to keep in tune. Keep fresh strings on your guitar.
- With a headstock tuner, try clamping in different places. Some parts of the headstock may give more consistent readings.
- Tuning strings below standard pitch decreases tension, so they're easier to play. Example: If you fret a string's first fret and tune to that reference instead of the open string, the tuning will be a semitone flat. However, don't tune down too far with insufficient tension, the strings might buzz against the frets as you play.
- After tuning your guitar, check the string pitches again. You may need to tune a couple times before the tuning "settles in."

## Changing Strings

Changing strings becomes easier with experience. If you have difficulty, your Authorized Epiphone Dealer can give you tips on how to change strings.

A string winder can help you turn the tuning heads faster than turning them by hand.

Note that a string's end is sharp and can puncture your skin—be careful.

# Here are some tips on how to change strings.



- To help maintain consistent neck tension, replace strings one at a time and tune each before proceeding to the next string.
- Tune down the string you're replacing so it's loose enough to remove (a string winder speeds up this process).
- The bridge end is always strung first. Consult your string package to be sure you're choosing the correct string.

# REGISTER YOUR NEW EPIPHONE INSTRUMENT NOW!

Visit www.epiphone.com and select SUPPORT then WARRANTY REGISTRATION.
Important: Warranties are extended to the original retail purchaser only and may not be transferred or assigned to subsequent owners. In order to validate your warranty, and as a condition precedent to

or assigned to subsequent owners. In order to validate your warranty, and as a condition precedent to warranty coverage, you must complete the on-line registration within fifteen (15) days following the original date of purchase. Visit **www.epiphone.com** for complete warranty details and further information.

**Warranty Instrument:** Your new Epiphone instrument carries a **Limited Lifetime Warranty\***. For details and limitations visit www.epiphone.com.

Warranty Amplifier: Your new Epiphone amplifier carries a Limited **3-Year Warranty\***. For details and limitations visit www.epiphone.com.

**Returns**: All Epiphone products are guaranteed and backed by Gibson Musical Instruments legendary 24 hours, 7 days a week, 365 days a year Customer Service. All returns must be issued a **Return Authorization Number** by Customer Service **BEFORE** shipment. If for any reason, you have questions, need help or think you need to return your product please contact Gibson Customer Service.

You may contact us by email at:

• USA Email: Service@gibson.com

Europe Email: Service.Europe@gibson.com
 Japan Email: Service.Japan@gibson.com
 China Email: Service.China@gibson.com

You may also reach us by phone at:

• USA Phone: 1-800-4GIBSON (1-800-444-2766)

• Europe Phone: 00+8004GIBSON1 (00+800-444-2766-1)

• China Phone: 1-800-820-8841

You may also instant message us at:

AOL Instant Messenger, Yahoo! Messenger, & MSN Messenger users can IM Gibson

Customer Service at customer.service1@gibson.com

# Don't Forget to Join Us On-Line!

Please join us on the Gibson Forums at http://forums.gibson.com. The Gibson Forums are provided for Gibson Fans to share opinions and information about all of the brands in the Gibson family.

\* Void where prohibited by law.

## For Your Records

Congratulations on owning your new Epiphone product. For your own records, should you ever need to identify your product for warranty or insurance purposes, please fill in the following:

| Wodel Name        |               | Serial No |  |
|-------------------|---------------|-----------|--|
| Date of Purchase: | Dealer's Name |           |  |
| Dealer Address    |               |           |  |
|                   |               |           |  |
|                   |               |           |  |





## **-**�

## AMP SPECIFICATIONS

**Output Power** 

15 Watts

**Headphone Jack** 

1/4"

Speaker

6.5" - 8 ohms

**Power Consumption** 

28 Watts

#### English

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact our local city office, your household was te disposal service or the shop where you purchased the product.

#### Francais

Traitement des appareils électriques et électroniques en fin de vie (Applicable dans les pays de l'Union Européenne et aux autres pays européens disposant de systèmes de collec te sélective)



Ce symbole, apposé sur le produit ou sur son emballage, indique que ce produit ne doit pas être traité avec les déchets ménagers. Il doit être remis à un point de collecte approprié pour le recyclage des équipements électriques et électroniques. En s'assurant que ce produit est bien mis au rebus de manière appropriée, vous aiderez à prévenir les conséquences négatives potentielles pour l'environnement et la santé humaine. Le recyclage des matériaux aidera à conserver les ressources naturelles. Pour toute information supplémentaire au sujet du recyclage de ce produit, vous pouvez contacter votre municipalité, votre déchetterie ou le magasin où vous avez acheté le produit.

#### Slovensky

Likvidácia starých elektrických a elektronických zariadení (Platí v Európeskej únii a ostatných európskych krajinách so zavedeným separovaným zberom)



Tento symbol na výrobku alebo obale znamená, ze s výrobkom nemôze byť nakladané ako s domovým odpadom. Mlesto toho je potrebné ho doruciť do výrradeného zberného miesta na recykláciu elektrozariadení. Tým, ze zaistite správne zneskodnenie, promôzete zabrániť potencionálnemu negatívnemu vplyvu na zivotné prostredle a ľudské zdravie, ktoré by v opacnom prípade hrozil pri nesprávnom nakladaní s týmto výrobkom. Recyklácia materiálov pomáha uchováváť prírodné zdroje. Pre ziskanile ďalsich podrobných informácii o recyklácii tohoto výrobku kontaktujte prosím vás miestrvy alebo obecný úrad, miestru sluzbu pre zber domového odpadu alebo predájnu, kde ste výrobko zakúpili.

#### Deutsch

Entsorgung von gebrauchten elektrischen und elektronischen Geräten (Anzuwenden in den Ländern der Europäischen Union und anderen europäischen Ländern mit einem separaten Sammelsystem für diese Geräte)



Das Symbol auf dem Produkt oder seiner Verpackung weist darauf hin, dass dieses Produkt nicht als normaler Haushalts-abfall zu behandeln ist, sondern an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden muss. Durch Ihren Beitrag zum korrekten Entsorgen dieses Produkts schützen Sie die Umwelt und die Gesundheit Ihrer Mitmenschen. Umwelt und Gesundheit werden durch falsches Entsorgen gefährdet. Materialrecycling hilft den Verbrauch von Rohstoffen zu verringern. Weitere Informationen über das Recycling dieses Produkts erhalten Sie von Ihrer Gemeinde, den kommunalen Entsorgungsbetrieben oder dem Geschäft, in dem Sie das Produkt gekauft haben.

#### Nederlands

Verwijdering van Oude Elektrische en Elektronische Apparaten (Toepasbaar in de Europese Unie en andere Europese landen met gescheiden ophaalsystemen)



Het symbool op het product of op de verpakking wijst erop dat dit product niet als huishoudafval mag worden behandeld. Het moet echter naar een plaats worden gebracht waar elektrische en elektronische apparatuur wordt gerecycled. Als u ercoor zorgt dat dit product op de correcte manier wordt verwijderd, voorkomt u mogellik voor mens en milieu negatieve gevolgen die zich zouden kunnen voordoen in geval van verkeerde afvalbehandeling. De recyclage van materialen draagt bij tot het vrijwaren van natuurlijke bronnen. Voor meer detalls in verband met het recyclen van dit product, neemt u het best contact op met de gemeentelijke instanties, het bedrijf of de dienst belast met de verwijdering van huishoudafval of de winkel waar u het product hebt gekocht.

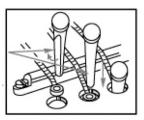
#### Magyarul

Feleslegessé vált elektromos és elektronikus készülékek hulladékként való eltávolítása (Használható az Európai Unió és egyéb európai országok szelektív hulladékgyűjtési rendszereiben)



Ez a szimbólum a készüléken vagy a csomagolásán azt jelzi, hogy a terméket ne kezelje háztartási hulladék gyűjténeknt. Kérjük, hogy az elektromos és elektronika hulladék gyűjtésre újelölt gyűjtöhelyen adja le. A feleslegessé vált termékének helyes kezelésével segít megelőzni a környezet és az emberi egészség károsodását, mely bekövetkezhetne, ha nem követi a hulladék kezelés helyes módját. Az anyagok, újrahasznosítása egít a természeti erőforrások megörzésében. A termék újrahasznosítása érdekében további információért fordújon a lakhelyén az illetékesekhez, a helyi hulladékgyűjtő szolgáltatóhoz vagy ahhoz az űzlethez, ahol a terméket megvásárolta.

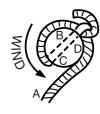
4. The bridge end with pins is strung as shown at right. Once strings are secure in the bridge, tug the string end slightly to make sure it's seated securely in the bridge.



Bridge Stringing - Acoustic (Notch should face the headstock)

Bring the string from the bridge to the corresponding tuner post located on the headstock.





- 6. Put string (A) through the hole in the post at (B) to (C); around the upper side of the post (D), and under the string (A) at (B), back again around the string post (D). Now when you wind the string, it will lock itself against the post as shown in the image at above. Note: The string should run closer to the inside of the head stock than the outside.
- **7.** Start tuning the string up to pitch. Again, a string winder speeds up the process.
- 8. Proceed to the section on Tuning and tune the string to pitch. When it's on pitch, follow the same procedure for the remaining strings.
- 9. When you've finished tuning your guitar, use a wire cutter to trim the string ends to within about 3/8" of the machine head.

## Action Adjustment

Action is the distance that a string must be depressed before it meets the fret. Action measurements are taken in 64th's of an inch, and are calculated from the top of the 12th fret to the underside of the string. We set the action on all instruments at the factory to the optimum playability setting. On occasion, lower than standard settings are desired by the player. Note however that lower than standard action can often

| Action at the 12th fret |             |           |  |  |  |
|-------------------------|-------------|-----------|--|--|--|
|                         | Treble Side | Bass Side |  |  |  |
| Electric Guitars        | 4/64        | 6/64      |  |  |  |
| Acoustic Guitars        | 5/64        | 7/64      |  |  |  |
| Bass Guitars            | 5/64        | 7/64      |  |  |  |

result in "buzz" or "rattle". This is caused by the string vibrating against the fret. Buzz or rattle caused by lower than standard action is not considered a defect of the instrument.

For action at the 1st fret, all instruments are set at the same height. Treble strings are set to 1/64" and the action progresses up to 2/64" for the bass strings. Be sure that the truss rod is properly adjusted before setting action.

### Trussrod Adjustment

All guitar necks are subject to great stress as a result of string tension, humidity or changes in climate. Occasionally there are times when the neck may need adjustment. The truss rod is adjustable at the headstock, using an Allen wrench or an adjustment wrench.

NOTE: This adjustment should be performed periodically and only by qualified repair personnel. Over adjustment can result in damage to the instrument.

NOTE: All Epiphone guitars use A-440 for standard pitch. Play the harmonic at the 12th fret, compare it to the fretted note at the 12th fret, these notes should read the same on the tuner.

\* (Adjusting the intonation and string height will affect the playability of your guitar. If you are unsure of any of the above operations please take your guitar to an Authorized Epiphone Dealer or experienced guitar technician.)

### Preamp Controls (Volume, EQ - Bass, Middle, Treble, Phase, Low Battery Indicator)

The PR-4E's piezo pickup system is located under the saddle. The guitar's built-in electronics are mounted on the upper bout of the guitar and feature easy-to-use boost and cut controls for

Treble, Middle, and Bass. There is also a Volume control along with a Phase switch and a low battery light indicator. The "Phase" button on the preamp reverses the polarity of the output signal to help reduce feedback. A 9-volt battery compartment is located above the EQ controls allowing for quick changes of the battery during a show.



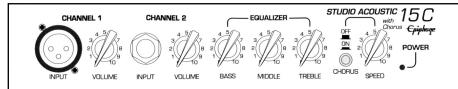




# STUDIO ACOUSTIC 15C AMPLIFIER OWNERS MANUAL

Epiphone Amplifiers are the result of years of extensive research and development by some of the music industry's finest musicians and engineers. For decades, Epiphone has provided world class products to musicians everywhere. The Epiphone name stands for quality and this product has been designed to provide years of lasting musical pleasure.

## CONTROL PANEL



#### **CHANNEL 1**

- XLR Input Jack Connect your microphone using a standard XLR cable to this input. Connect the other end of the cable to your microphone.
- 2. Volume Adjusts the overall level or volume of the microphone.

#### CHANNEL 2

- Input Jack Connect your guitar using a standard 1/4" instrument cable to this input.
   Connect the other end of the cable to your guitar.
- 4. **Volume** Adjusts the overall level or volume of the guitar.

#### **EQUALIZER**

- Bass Controls the boost and cut of the low frequencies. The bass control will make the sound darker.
- 6. **Middle** Controls the boost and cut of the mid-range frequencies.
- Treble Controls the boost and cut of the upper frequencies. The treble control will make the sound brighter.
- 8. Chorus Turns the chorus effect on or off.
- Chorus Speed This controls the ripple speed of the chorus effect.

#### **BACK**

- 10. Power Switch Turns the AC Power on and off.
- 11. **Headphone Jack** For connecting headphones with a mini 1/4" stereo plug. Always turn the

Volume control to 0 BEFORE engaging headphones. When using the headphone jack, the speaker is disconnected allowing for private listening.



## IMPORTANT SAFETY INSTRUCTIONS

**WARNING**: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Objects filled with liquids, such as vases, should not be placed on this apparatus.

**CAUTION:** Your amplifier is not disconnected from the mains when the Power Switch is in the OFF position. The power cord plug is the designated mains disconnect device. "Mains" is the official term for the electrical power source. Visually inspect the power cord plug for damage before each use. Do not use it if it appears damaged. Keep the power cord plug accessible at all times.



The lightning bolt warns of the risk of shock from high voltage.

Do not tamper with or attempt to open any areas where this warning is present.



The exclamation point alerts the user to an important operating or maintenance instruction.



Conforms to EU directives.



Conforms to North American standards.

- Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including 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 from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 12. 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.
- 13. No user serviceable parts. Refer all service to an authorized Epiphone Warranty Center.

## TROUBLE SHOOTING

NO SOUND - Power Indicator light is OFF

- · Check if the Power Switch is ON.
- Make sure AC outlet is active by plugging into another electrical outlet.
- Is the AC cord from the amplifier properly plugged in?

NO SOUND - Power Indicator light is ON

- Make sure the Volume control is set past 3.
- · All controls should be set above 3.
- Try a different instrument cord.

**WARNING:** To prevent fire or electric shock, DO NOT expose this equipment to rain or moisture. No user serviceable parts. Refer all repairs to an Authorized Epiphone Warranty Center. Your Epiphone Amplifier comes with a Limited 5-Year Warranty. Visit www.epiphone.com for details. Void where prohibited.





