

The Epiphone Company
A Division of Gibson Musical Instruments
645 Massman Drive
Nashville, Tennessee
37210-3781 USA

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Owners Manual



For Your Records

Model_____

Serial No._____

Date Purchased_____

Dealer Address_____

_____

Dealer Phone_____

Remember to keep your purchase receipt. It is necessary for warranty coverage.



The Epiphone Story



"Epi" Stathopoulo

Late in the 19th century, a Greek luthier and violin maker named Anastasios Stathopoulo moved his family to New York in search of a better life. He found it - and built a company that became one of the greatest names in instruments.

The "House of Stathopoulo" was opened in 1873 and Anastasios brought his 17 year old son, Epaminodas (also known as "Epi"), into the company in 1910. "Epi" and his father soon named some of their new instruments Epiphone and the legend began.

After 47 years of Epiphone production, Gibson USA acquired the rights to the Epiphone name in 1957 and began to build Epiphones in 1959. Under the guidance of Gibson USA, Epiphone continued to set new standards for quality, value and innovation.

Today, with dedicated Epiphone engineers, product specialists, and skilled craftspeople at our facilities in Nashville, Tennessee, we continue to design and set rigid quality and performance standards for each Epiphone instrument.

Every Epiphone employee is committed to producing the finest musical instruments available and ultimate customer satisfaction. Our Limited Lifetime Warranty is a symbol of that commitment and your assurance that this Epiphone will give you years of trouble-free enjoyment.*

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

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. The following 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. Check intonation.

Guitar					
6th	5th	4th	3rd	2nd	1st
E	A	D	G	B	E

Bass			
4th	3rd	2nd	1st
E	A	D	G

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. This can be achieved by adjusting the bridge studs *(See Tune-o-matic Bridge)*. Lower than standard action can often 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.

All Epiphones are set at the 1st fret. Treble strings are cut to 1/64" and the action progresses up to 2/64" on the bass strings. Be sure that the truss rod is properly adjusted!

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

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 and will not be covered under warranty.

Intonation and Saddle Adjustment for a Tune-o-matic Bridge

Your Tune-o-matic Bridge equipped Epiphone guitar comes to you pre-adjusted. But several adjustment options are available to you:

1. String Height or Action*

The height adjustment of the bridge can be set by using the two slot-head screws on either side of the Tune-o-matic Bridge. clockwise to lower, counter-clockwise to raise.

2. Adjusting The Intonation *

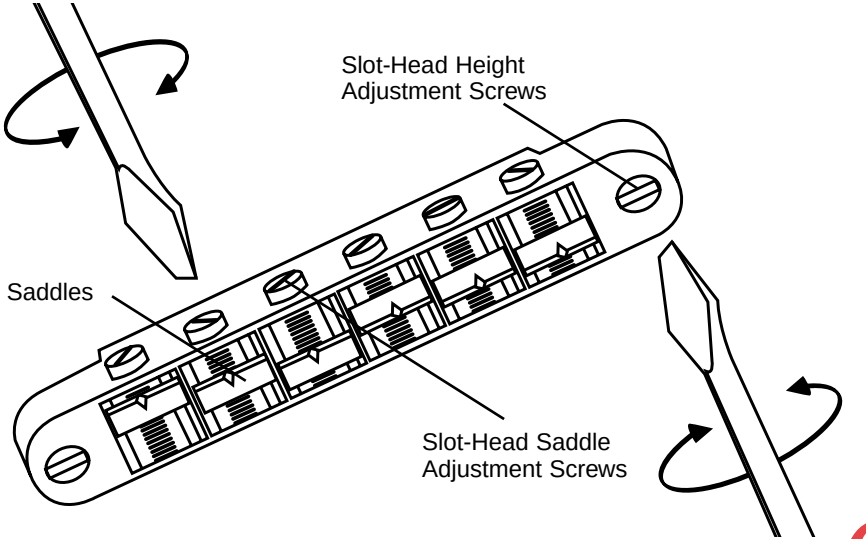
Intonation adjustment is usually only necessary when different gauge strings are fitted (it can also be affected by the angle of a tremolo unit). The saddle positions are adjusted by the individual slot-head screws located on the front of the bridge, sliding the saddles forward or backward. To check the intonation: Use an electronic tuner and tune the guitar to a standard pitch.

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.

Before adjusting the intonation, first determine the direction that the saddle needs to be moved. If the 12th fret harmonic pitch is lower than the fretted note, slide the saddle back. If the 12th fret harmonic pitch is higher than the fretted note slide the saddle forward.

** (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.)*

The Tune-o-matic Bridge



Restringing Your Instrument

As simple as it may sound, proper string installation is critical to the playability of your instrument. An incorrectly installed string can slip and cause the instrument to go out of tune.

1. At the Bridge

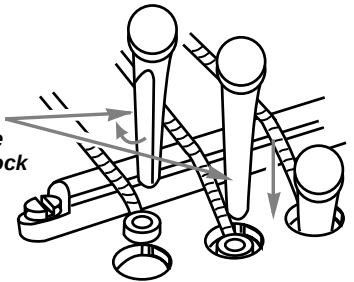
The lower end of the instrument is strung as shown on the left of the page. Different instruments are strung according to the bridge and string type.

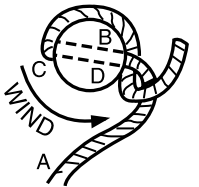
The bridge end is always strung *before* the string posts at the headstock.

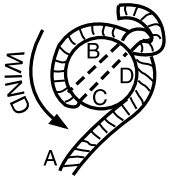
2. At the Headstock

To fasten a string on the post and prevent slipping, bring the string up the center of the instrument to the post desired. Put string (A) through the hole or slot 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.

NOTE: Notch should face the headstock







Control Knobs and Switches

Your Epiphone electric guitar is capable of producing a variety of sounds by manipulating the controls.

Volume Controls

The volume knobs, an all models, control the amount of volume each pickup is putting out. Turning the control clockwise produces more volume. Turning the control counterclockwise produces less volume.

Tone Controls

The tone controls on all models are “Treble Cut” controls. This means that as you turn the knob counterclockwise you reduce the treble output of that pickup and produce a darker tone. Turning the control fully clockwise will produce the brightest sound. This means that the pickups full range of harmonic frequencies are being passed on to your amplifier.

Selector Switch

The Selector Switch permits you to turn pickups on and off. On most guitars with two pickups, the middle position turns both pickups on. When the switch is “up” the neck or “Rhythm” pickup only is turned on. When the switch is “down” only the bridge or “Treble” pickup is turned on.

SG Bass: Uses
3-position rotary pickup selector
1 – Bridge Pickup, 2 – Both Pickups, 3 – Neck Pickup

Thunderbird Bass: Uses
1- Neck Pickup Volume, 1- Bridge Pickup Volume,1- Master Tone.



Control Layouts

(Two Pickup, Two Volume, Two Tone and Pickup Selector)

Neck Pickup *(Rhythm)*

Bridge Pickup *(Treble)*

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Bridge Pickup Volume (*Treble)*

Neck Pickup Volume *(Rhythm)*

Bridge Pickup Tone (Treble)

Neck Pickup Tone *(Rhythm)*

Shown: Casino™



Control Layouts

(Two Pickup, Two Volume, Two Tone and Pickup Selector)

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Neck Pickup *(Rhythm)*

Bridge Pickup *(Treble)*

Bridge Pickup Volume (*Treble)*

Neck Pickup Volume *(Rhythm)*

Bridge Pickup Tone (Treble)

Neck Pickup Tone *(Rhythm)*

Shown: Les Paul® Standard



Control Layouts

(Two Pickup, Two Volume, Master Tone and Master Volume)

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Master Volume

Neck Pickup *(Rhythm)*

Bridge Pickup *(Treble)*

Bridge Pickup Volume (*Treble*)

Neck Pickup Volume *(Rhythm)*

Master Tone

Shown: AlleyKat™



Control Layouts

(Two Pickup, Two Volume, Two Tone, Pickup Selector and Vari-Tone Control)

Neck Pickup *(Rhythm)*

Bridge Pickup *(Treble)*

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Neck Pickup Volume *(Rhythm)*

Bridge Pickup Volume (*Treble*)

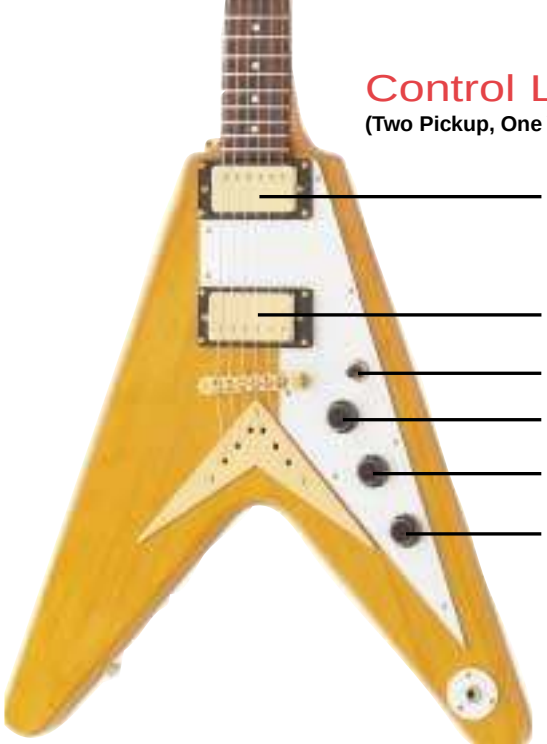
Vari-Tone Control *(Works through a reduction of the following fundamental harmonic frequencies)*

1 - Bypass
2 - 5db at 1950 hz
3 - 12db at 1100 hz
4 - 16db at 620 hz
5 - 18.5db at 360 hz
6 - 21db at 120 hz

Neck Pickup Tone *(Rhythm)*

Bridge Pickup Tone (Treble)

Shown: B.B. King Lucille™



Control Layouts

(Two Pickup, One Volume, One Tone and Pickup Selector)

Neck Pickup *(Rhythm)*

Bridge Pickup *(Treble)*

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Neck Pickup Volume *(Rhythm)*

Bridge Pickup Volume (*Treble)*

Master Tone

Shown: '58 Korina Flying V™



Control Layouts

(Two Pickup, One Volume, One Tone and Pickup Selector)

Neck Pickup *(Rhythm)*

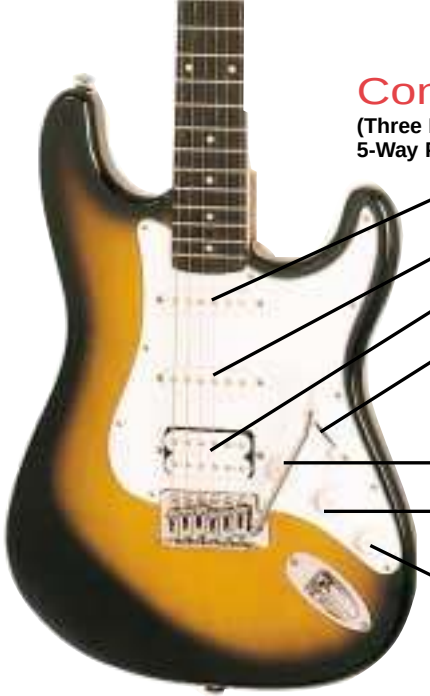
Bridge Pickup *(Treble)*

Volume Control

Pickup Selector Switch
Up-*Rhythm* Middle-*Both* Down-*Treble*

Tone Control

Shown: Special™ II



Control Layouts

(Three Pickup, One Volume, Two Tone and 5-Way Pickup Selector)

Neck Pickup

Middle Pickup

Bridge Humbucker Pickup

5-Way Pickup Selector Switch

(From 1,down to up,5)

1 - Bridge Humbucker
2 - Bridge, Middle
3 - Middle
4 - Middle, Neck
5 - Neck

Master Volume

Tone Control
Switch Pos. 4 & 5

Tone Control
Switch Pos. 2, 3 & 4

Shown: Fat 210



Control Layouts

(One Pickup, One Volume, One Tone, 3-Way Impedance Control)

Low Impedance JCB-1 Pickup

3-Position Impedance Control
1 - Lowest, for truest tone
2 - Middle, solos or slight dynamic shift
3 - High, solos, distortion or triggering effects

Master Volume

Master Tone

Shown: Jack Casady Signature Bass

Thank You for choosing Epiphone!

As you can see, we've put a lot into every Epiphone instrument so that you can get a lot out of it - night after night… day after day… year after year. Thank you again for choosing Epiphone!

To register your new Epiphone instrument, visit our website at:

www.epiphone.com

For further information: *Write:*

Warranty Dept.
The Epiphone Company
P.O. Box 100087
Nashville, TN 37210-0087

For consumer or dealer service: *Call:*

1-800-444-2766

***Returns:** All returns must have a Return Authorization Number issued by customer service before shipment. If for any reason the instrument needs to be returned, please include this Owners Manual.*

***Shipment Damage:** If instrument arrives damaged, please keep shipping carton intact and contact the freight carrier for inspection.*

Epiphone Limited Lifetime Warranty

This new Epiphone instrument is warranted to be free from defects in materials and workmanship for life of this instrument, subject to the limitations contained in this warranty.

If at any time this Epiphone instrument malfunctions as a result of faulty materials or workmanship, Epiphone will repair the defect(s) or replace the instrument, as it deems appropriate at its sole discretion. Epiphone reserves the right to use materials regularly utilized at the time of repair in the event that original materials are no longer available. If replacement of your instrument is deemed appropriate by our staff, Epiphone will replace the instrument with one of the same or most similar style of a value not in excess of the original purchase price of your instrument.

In the unlikely event that your instrument is destroyed, lost or damaged beyond repair, while in the possession of Epiphone for repair, Epiphone will replace that instrument with one of the same or most similar style of a value not in excess of the original purchase price of your instrument. Any insurance covering the instrument, including but not limited to collector's value insurance, must be carried by owner at owner's expense.

THIS WARRANTY IS 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 WARRANTY COVERAGE HEREUNDER, YOU MUST RETURN YOUR WARRANTY REGISTRATION CARD WITHIN FIFTEEN (15) DAYS FOLLOWING THE ORIGINAL DATE OF PURCHASE. YOUR PROOF OF PURCHASE OR SALES RECEIPT MUST ACCOMPANY ALL REQUESTS FOR WARRANTY COVERAGE.

This Warranty Is Subject To The Following Limitations

THIS WARRANTY DOES NOT COVER:

1. Any instrument that has been altered or modified in any way or upon which the serial number has been tampered with or altered.
2. Any instrument whose warranty card has been altered or upon which false information has been given.
3. Any instrument that has been damaged due to misuse, negligence, accident, or improper operation.
4. The subjective issue of tonal characteristics.
5. Shipping damages of any kind.
6. Any instrument that has been subjected to extremes of humidity or temperature.
7. Normal wear and tear (i.e; worn frets, worn machine heads, worn plating, string replacement, scratched pickguards, or damages to or discoloration of the instrument finish for any reason).
8. Any instrument that has been purchased from an unauthorized dealer, or upon which unauthorized repair or service has been performed.
9. Any factory-installed electronics after a period of one (1) year following the original date of purchase.

EPIPHONE MAKES NO OTHER EXPRESS WARRANTY OF ANY KIND WHATSO EVER. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEEDING THE SPECIFIC PROVISIONS OF THIS WARRANTY ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS WARRANTY. SOME STATES AND/OR COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF IMPLIED WARRANTIES SO THAT THE ABOVE MAY NOT APPLY TO YOU.

EPIPHONE SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT CONSEQUENTIAL, INCIDENTAL OR OTHER SIMILAR DAMAGES SUFFERED BY THE PURCHASER OR ANY THIRD PARTY, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS OR BUSINESS OR DAMAGES RESULTING FROM USE OR PERFORMANCE OF THE INSTRUMENT, WHETHER IN CONTRACT OR IN TORT, EVEN IF EPIPHONE OR ITS AUTHORIZED REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND EPIPHONE SHALL NOT BE LIABLE FOR ANY EXPENSES, CLAIMS, OR SUITS ARISING OUT OF OR RELATING TO ANY OF THE FOREGOING.

How To Obtain Warrant Service

In the event of malfunction of your Epiphone instrument, you should notify your nearest Authorized Epiphone Dealer.

The Dealer or Owner must ship the instrument, freight and insurance pre-paid, to the nearest Authorized Epiphone Service Center. If there is no Authorized Epiphone Service Center near you, contact or have your dealer contact Epiphone for information and authorization to return the instrument to Epiphone. No instrument may be returned to Epiphone without such prior Return Authorization.

Only Authorized Epiphone Service Centers may perform warranty service and any service performed by unauthorized persons will void this warranty. Epiphone disclaims liability for defects or damage caused by services performed by unauthorized persons or non-warranty service not performed by Epiphone or an Authorized Epiphone Service Center.

When contacting Epiphone, you must include a complete written description of the malfunction of the instrument. If non-warranty work is required or recommended by Epiphone, a quotation will be issued and must be approved by you before any non-warranty work is commenced. You should consider quotations obtained for non-warranty work immediately and advise the Authorized Epiphone Service Center or Epiphone of your wishes. You are not required to purchase non-warranty work in order to obtain service on materials covered by this warranty. Following its inspection of an instrument upon its arrival, Epiphone or the Authorized Epiphone Service Center will advise you or your dealer of the approximate date of completion.

The repaired instrument or part will be returned to you or your dealer, freight collect insured.

No representative or other person is authorized to assume for Epiphone any liability except as stated in this warranty. This warranty gives you specific rights which vary from state to state.

In order to continually improve the design, quality and performance of our instruments and to make use of the best available materials at all times. Epiphone reserves the right to change specification and price without notice.

Pre-Pack Checklist

Exterior Finish

( ) Top
( ) Back
( ) Sides
( ) Neck
( ) Fretboard
( ) Bridge/Saddle
( ) Peghead/Nut
( ) Binding
( ) Hardware

Playability

( ) Action
12th L___ H___
1st L___ H___
( ) Intonation
( ) Buzzing
( ) Electronics
( ) Cleaning
( ) String Change

Inspected by _____

Final Pack Checklist

( ) Warranty Card
( ) Electronics Info Sheet (if applicable)
( ) Tremolo Arm (if applicable)
( ) Case Inspection

Packed by _____

Model _____

Serial No._____ Date (/ /)