FEATURES:

PICKUPS:
Two full-range humbucking pickups with blade pole pieces utilizing a unique dual/single coil circuit (U. S. Patent No. 4,164,183) allowing humbucking or single coil operation of either or both pickups through rotation of the tone controls (see Circuit explanation and Controls: Tone). T-60® and T-40® pickups are fully potted with epoxy to reduce unwanted hum and noise. Any attempt to disassemble the pickup will void any warranty on the electronics of your instrument.

Circuit:
The circuit utilized in the T-60®/T-40® is unparalleled for its ability to obtain maximum tonal variations without the use of battery powered preamps or other "active" circuitry. (For operating instructions see Controls - How the Circuit Works.) The volume controls are frequency compensated to retain high-end at low volume level and switching between or combining pickups is accomplished with a three position toggle switch. Further tone variations can be obtained via a two position phase switch. (See Controls - Pickup Selector and Phase Switch.)

Body:
Select hardwood body with double cutaways and deep contoured shape for superb comfort and feel. The finish is an ultra-tough polyester/urethane that is highly mar and weather resistant. (See Caring for your Guitar or Bass - Finish.)

NECK:
Select rock maple utilizing our patented (U. S. Patent No. 4,237,944) bi-lamination construction to prevent "twisting" and warpage. Additional reinforcement is supplied by a fully adjustable steel torsion rod with rolled threads. (See Adjustments - Torsion Rod/Neck.)

Frets:
Medium size, high crowned 18% nickel silver fret wire to provide excellent intonation/compensation characteristics and superb string bending, popping, hammering, etc. techniques.

Hardware:
Triple chrome-plated die-cast bridge with fully adjustable individual saddles for string height, tilt, and intonation. (See Adjustments - Intonation.)
Bone-hard polycarbonate top nut, premium tuning machines (22:1 ratio on bass and 14:1 on guitar), and contoured metal control knobs. All switches are military grade toggles.

NECK TILT:
Both the T-60® and T-40® feature our neck tilt adjustment wherein, when used in conjunction with the torsion rod adjustment, allows optimum string/fret clearance. (See Adjustments - Neck Tilt.)

SCALE:
Standard 25½" scale on the guitar, long 34" scale on the bass guitar.

PHASING:
Both instruments have out-of-phase capabilities between pickups controlled by a two-position switch. Phasing works only when both pickups are in use.

CASE:
Plush-lined, double-walled and molded custom contoured case with large storage area, secure latches and lock.

CONTROLS:

1. Volume: Each volume control is entirely separate from other pickup's circuit. It reduces the volume of its pickup by rotation counterclockwise. It is also compensated so that there is a minimal loss of high frequencies with reduced volume, however, optimum performance is at maximum volume. Special contoured control knobs are used for comfort and smoothness.

2. Tone: Each pickup has its own tone circuit which operates independently of the other circuit. When the selector switch is in the "both pickups" position, each tone control affects the overall tone by altering its own pickup's sound. The single/dual coil circuit and associated tone controls will be explained under "How the Tone Circuit Works."

3. Pickup Selector: The pickup selector switch (a 3-position switch) operates in the fashion customary on most guitars. With the guitar suspended in normal playing position, moving the switch upward activates the rhythm (neck) pickup, and downward movement places the instrument in a lead or bridge pickup mode. The middle position activates both pickups.

NOTE:
The patch cord between the guitar and amplifier is an extremely important link. For optimum performance a high quality, well shielded cord should be used in this application.
4. Phase Switch: The phase switch is a two position switch which reverses the coil relationship in the lead (bridge) pickup only. The out-of-phase sound is a hollow sound and is available only when the pickup switch is in the middle position. This is logical since the switch is there to put one pickup out-of-phase in relation to the other pickup. The up position is in phase, while the down position places the pickups out-of-phase. In this mode the volume and tone controls can be used to alter the tone of the instrument by controlling cancellation.

How the Circuit Works:
Our unique tone circuitry enables dual or single coil operation of each pickup independently through the rotation of the pickup tone controls. Rotating the tone controls clockwise (position #10) achieves the single coil mode and produces a greater degree of "highs" from the instrument. Rotating the tone controls counterclockwise to approximately the #7 position brings the second coil into operation for full-range, humbucking tonalities. Further counterclockwise rotation of the tone controls (from position #7 to 0) yield conventional tone contouring action.

Adjustments:
Your T-60®/T-40® guitar or bass has been carefully adjusted for accurate intonation and playing ease at the Peavey factory. However, your playing style, choice of strings or playing requirements may necessitate additional adjustments at some time in the future. These adjustments should be made by your Peavey dealer. However, with a little care and by adhering closely to the following instructions you may attempt these adjustments yourself.

CAUTION:
PLEASE READ AND UNDERSTAND THE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING ANY ADJUSTMENTS.

1. Adjusting Torsion Rod:
To set the straightness or relief of the neck, Peavey torsion rod wrench #75031001 must be used. This wrench is available from a Peavey accessory center at your authorized Peavey dealer.

Setting the T-60® Neck:
A. Tune the instrument to standard (A-440) pitch.
B. Fret the sixth (big E) string at the first and last frets.
C. Check for clearance between string and the 8th fret.
D. This clearance should be no less than 1/64" and no more than 3/32".
E. To increase clearance, loosen the torsion rod nut counterclockwise. For less clearance (straightening of the neck), tighten the torsion rod nut.

CAUTION:
IT IS NOT USUALLY NECESSARY TO ROTATE THE TORSION ROD NUT MORE THAN ONE FULL TURN IN EITHER DIRECTION. ONE-QUARTER TO ONE-HALF TURN IS USUALLY SUFFICIENT TO MAKE MOST ADJUSTMENTS. EXCESSIVE ROTATION MAY CAUSE DAMAGE TO THE NECK AND TORSION ROD. IF EXCESSIVE FORCE IS NECESSARY TO ROTATE THE TORSION ROD NUT, YOU SHOULD CONSULT YOUR PEAVEY DEALER OR THE FACTORY BEFORE ANY FURTHER ADJUSTMENT IS MADE.

F. Repeat steps A through E until proper clearance has been reached.

2. Saddle Height Adjustment:
The T-60® and T-40® feature individual bridge saddles which work in conjunction with the neck tilt adjustment to determine the overall string height. Ordinarily, the neck tilt should be used to set the string height. However, individual string saddles can be adjusted to follow the curvature (12" radius) of the neck to maximize string/fret distance. Use a 3/64" (T-60®) and 1/16" (T-40®) Allen wrench to make the adjustment for each string.

NOTE:
THIS ADJUSTMENT REQUIRES ACCURATE GAUGES TO MEASURE PROPER STRING/FRET DistANCES AND THE PROPER RADIUS (CURVATURE) BETWEEN THE NECK AND STRINGS. IF YOU ARE UNFAMILIAR WITH THIS TYPE OF ADJUSTMENT, WE RECOMMEND THAT THE SETTING BE PERFORMED BY QUALIFIED PERSONNEL AT YOUR AUTHORIZED PEAVEY DEALER.

3. Neck Tilt:
The neck tilt adjustment works in conjunction with the bridge height adjustment to set the overall string playing height. This adjustment should be used whenever possible to set string height rather than the bridge height adjustment.
A. Relieve string tension slightly by detuning the guitar approximately one to two full steps.
B. Loosen the two neck screws closest to the headstock of the guitar approximately one turn.
C. Loosen the remaining two screws closest to the bridge approximately two turns.
D. String height may now be adjusted with the neck tilt screw, which is located inside the small, flat hole in the neck plate. A 1/8" Allen wrench is used to make this adjustment. Turning the screw clockwise lowers the strings closer to the fingerboard.

NOTE:
STRING HEIGHT SHOULD BE ADJUSTED TO FIT YOUR OWN PARTICULAR PLAYING STYLE. IT SHOULD BE NOTED THAT SETTING THE STRING HEIGHT TOO LOW WILL RESULT IN EXCESSIVE STRING BUZZ AND RATTLE - ESPECIALLY WITH A HEAVY PLAYING TECHNIQUE. EXCESSIVELY HIGH ACTION WILL RESULT IN MIGHTY PROBLEMS AND DECREASED PLAYABILITY.
E. After adjustment securely tighten all four neck attaching screws.

F. Tune the guitar or bass to standard pitch. Check the strings for proper height and playability. If necessary, repeat steps A through E until action is correct.

4. String Intonation:
Accurate string intonation settings ensure that your instrument will play in tune at any point on the neck. Although perfect intonation is a physical impossibility with a fretted instrument, the correct settings with the bridge and saddle combination of the T-60® and T-40® will maximize the accuracy of the individual notes up and down the neck.

Intonation is set by comparing the pitch of an open string to the pitch of the same string when it is played one octave higher at the 12th fret. The actual "vibrating length" of that string is varied until the notes are both the right pitch. The "vibrating length" of the string is altered by adjusting the individual bridge saddles either forward or backward depending on whether the fretted note is sharper or flatter in pitch than the open note. If the fretted note is sharper than the open note, the vibrating length of the string must be increased - move the bridge saddle to the rear away from the pickup. If the fretted note is flatter, the vibrating length of the string must be shortened - move the bridge forward toward the pickup to shorten the length.

NOTE:
IT IS OFTEN DIFFICULT FOR THE UNTRAINED EAR TO DETERMINE WHEN THE OPEN NOTE AND THE FRETDED NOTE ARE AT PRECISELY THE SAME PITCH (EXACTLY ONE OCTAVE APART). SOME PLAYERS FIND THAT COMPARING THE 12TH FRET HARMONIC OF THE STRING (RATHER THAN THE OPEN NOTE) TO THE FRETDED NOTE IS MUCH EASIER. A HARMONIC IS PLAYED BY PLUCKING THE STRING WITH THE RIGHT HAND WHILE THE TOUCHING STRING WITH THE LEFT INDEX FINGER (AS LIGHTLY AS POSSIBLE) DIRECTLY ABOVE THE 12TH FRET. THE LEFT INDEX IS DRAWN AWAY AS QUICKLY AS POSSIBLE AFTER THE STRING IS PLUCKED, PRODUCING A "CHIME" AFFECT. THIS CHIME NOTE IS THEN COMPARED TO THE FRETDED NOTE. FOR EVEN GREATER EASE AND A HIGH DEGREE OF ACCURACY, WE RECOMMEND ONE OF THE MANY TYPES OF ELECTRONIC GUITAR TUNERS THAT ARE AVAILABLE FROM MOST MUSIC STORES. THE TUNERS WHICH USE EITHER A METER OR A MOVING LED DISPLAY ARE USUALLY EASIER TO USE THAN THE TYPE WITH A NUMERICAL FREQUENCY READOUT.

Setting Intonation:
NOTE:
ALL STRING ADJUSTMENTS INTERACT CLOSELY WITH STRING INTONATION. THESE ADJUSTMENTS MUST BE COMPLETED BEFORE ANY ATTEMPT IS MADE TO SET THE STRING INTONATION AT THE BRIDGE.

A. Ensure that the torsion rod, bridge height, and neck tilt adjustments have been made and are accurate.
B. Tune the T-60®/T-40® to standard (A-440) pitch.
C. Hold the instrument in a normal playing position. Do not exert any undue pressure on the neck as it will affect intonation settings.
D. Play the first string open and compare it to the pitch of the same string when it is played at the 12th fret. These notes should be the same (one octave apart).
E. Using a Phillips head screwdriver adjust the length of the string saddle so that the open note and the fretted note (or harmonic) are the same.
F. Repeat steps D and E for the remaining strings.
G. Repeat steps A through F as necessary until the intonation of all the strings are accurately adjusted.

5. Care of the T-60®/T-40®:
The T-60® and T-40® are high quality musical instruments constructed from the finest materials and with the most modern production methods available. With reasonable care, they should provide many years of service and outstanding playability.

Temperature and Humidity:
It is important that your instrument be protected from any extremes or sudden changes in either temperature or humidity. The instrument should be stored in its case whenever it is not in use.

Strings:
String life may be greatly extended by frequent cleaning and wiping after use. Dirt and perspiration tend to build up on the underside of the strings so it is often necessary to slide a rag between the strings and the fingerboard. Dirt-laden strings cause tuning and intonation problems as well as rust and corrosion. For best performance strings should be changed approximately once a month or every 24 hours of playing. Some players may find that they prefer to change strings more often.

NOTE:
YOUR T-60®/T-40® IS EQUIPPED WITH PEAVEY GLIDERS® FOR ROCK STYLES OR GLIDERS® FOR COUNTRY STYLES. OUR GLIDER® STRINGS ARE MANUFACTURED TO EXACTING TOLERANCES UTILIZING THE FINEST COMPOUND AND REFINED ELEMENTS WOUND ON A "HEX" CORE. THE RESPONSE CHARACTERISTICS OF OUR STRINGS ARE UNEQUALLED FOR REPRODUCING THE TONALITIES AND TEXTURES FOR COUNTRY, ROCK, JAZZ/ROCK AND OTHER "CROSSOVER" STYLES.

Finish:
Your instrument has a polyester/urethane finish which is both durable and weather resistant but nevertheless needs care. Automotive grade waxes will protect, clean and shine it. Between waxings the instrument should be wiped with a dry soft cloth.
CAUTIONS:

DANGER
ALL AMPLIFICATION ACCESSORIES, MICROPHONES, MIXERS, ETC., MUST BE PROPERLY GROUNDED AND SHOULDED WITH A 3-WIRE MAINS SYSTEM IN ORDER TO AVOID ELECTRICAL SHOCK.

DANGER
DO NOT COME INTO CONTACT WITH OTHER ELECTRICAL APPARATUS WHEN PLAYING (OR TOUCHING) YOUR INSTRUMENT. THE METAL PARTS OF THIS INSTRUMENT ARE GROUNDED ACCORDING TO PROPER AND ACCEPTED INDUSTRY PRACTICE, BUT IT IS POSSIBLE TO ENCOUNTER AN ELECTRICAL SHOCK WHEN COMING INTO CONTACT WITH ANOTHER ELECTRICAL APPARATUS IF IT HAS IMPROPER GROUNDING FACILITIES.

WARNING
DO NOT USE IMPROPER OR POORLY DESIGNED GUITAR STRAPS OR OTHER MEANS OF SUPPORT. POSSIBLE INJURY COULD RESULT IF IMPROPER, INFERIOR, ILLEITING OR WORN OUT STRAPS ARE USED. THE INSTRUMENT COULD POSSIBLY FALL, CAUSING BODILY INJURY OR DAMAGE TO THE INSTRUMENT OR ASSOCIATED EQUIPMENT IF THE HOLDING DEVICES FAIL FOR ANY REASON.

DANGER
GUITAR STRINGS ARE MADE FROM VERY STRONG STEEL ALLOYS. THEY ARE DESIGNED TO BE USED UNDER TENSION AND, UNDER CERTAIN CONDITIONS, THEY MAY SNAP OR SPRING AWAY FROM THE GUITAR. DO NOT TUNE OR PLAY THIS INSTRUMENT WITH YOUR FACE IN CLOSE PROXIMITY TO THE STRINGS. A SERIOUS INJURY COULD RESULT IF A STRING SHOULD BREAK.

PEAVEY GUITAR ONE-YEAR LIMITED WARRANTY/REMEDY

This warranty is in lieu of any and all warranties, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular use. Provided, however, that if the terms and conditions necessary to the existence of the express limited warranty, as hereinabove stated, have been complied with, implied warranties are not disclaimed during the one-year period from the date of purchase of this guitar.

Some states do not allow limitation on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

This limited warranty is the only express warranty on this guitar, and no other statement, representation, warranty or agreement by any person shall be valid as to or binding upon Peavey.

The warranty registration card and a legible copy of the proof of purchase supplied to you by the authorized Peavey dealer in connection with your purchase from him of this guitar should be accurately completed, mailed to and received by Peavey within fourteen (14) days from the date of your purchase.

Should notification become necessary for any condition that would require correction, the registration card will be helpful and you are contacted and properly notified.

If you move from the address shown on the warranty registration card, you should notify Peavey of the change of address so as to facilitate your receipt of any bulletins or other forms of notification which may be necessary in connection with any condition that may require dissemination of information or correction.

The warranty registration card and subsequent notices of change of address should be mailed to:

PEAVEY ELECTRONICS CORPORATION
P.O. Box 2896
Meridian, Mississippi 339301

In the event any modification or disclaimer of express or implied warranties, or any limitation of remedies, contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

The limited warranty is given by Peavey Electronics Corporation with respect to equipment purchased in the United States of America.