



Peavey AT-200™
Auto-Tune® Guitar
Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electrical products, basic cautions should always be followed, including the following:

1. 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 a dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. 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.
9. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
10. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility 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 In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

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

SAVE THESE INSTRUCTIONS!

WARNING/DISPOSAL OF BATTERIES



- Never dispose of used batteries/electronics with ordinary solid wastes, since they contain toxic substances.
- Always dispose of used batteries/electronics in accordance with the prevailing community regulations that apply to the disposal of batteries/electronics. If there are no local regulations concerning battery/electronics disposal, please dispose of the device in a waste bin for electronic devices.
- Many electronics retailers now recycle batteries and other electronic components at no charge. Check to see which ones in your area do so.

CAUTION



The batteries used in this device may present a risk of fire, explosion or chemical burn if mistreated.

- Never use or charge the batteries if they appear to be leaking, discolored, deformed, or in any way abnormal.
- Never disassemble the unit or attempt to remove batteries as that could cause leakage of alkaline solution or other electrolytic substance.
- Always confirm that the temperature is 5°C - 35° C (41° - 95° Fahrenheit) before you charge the battery. Leakage or deterioration of the batteries may occur if this warning is not heeded.
- Never expose the batteries to any liquid.
- Never expose the batteries to excessive heat such as direct sunlight or fire.
- Always keep the batteries out of the reach of infants and small children.



FCC Compliancy Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, that may cause undesired operation.

Warning: Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

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 and 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.



Peavey AT-200™ Auto-Tune Guitar





Peavey® AT-200™ Auto-Tune® Guitar

Congratulations on your purchase of the Peavey® AT-200™ electric guitar! With the simple push of a button on the Peavey AT-200, guitar players can now create music in perfect tune and pitch. The Peavey AT-200 utilizes Antares® Auto-Tune® for Guitar, a DSP technology that works behind the scenes to bring the clarity of perfect pitch to a quality instrument in an unobtrusive manner. No bulky, unattractive hardware weighs down the playing experience—the Peavey AT-200 looks, plays and sounds just like a conventional guitar, exactly the way it should.

Just as Auto-Tune changed how vocals are recorded, the Peavey AT-200 with Auto-Tune for Guitar will forever change the way guitars are played and recorded. Players won't have to stop to retune during live performances. Producers and engineers will no longer waste precious time on tuning and intonation issues during recording sessions. With the AT-200 guitar, perfect pitch is the new standard.

The Peavey AT-200 is also the gateway to a growing collection of powerful new features purchased from Antares. With its built-in software upgrade capability, new features purchased from Antares can be easily loaded into the AT-200 and controlled by any MIDI source, from MIDI footswitch controllers to iPad® or iPhone® devices running dedicated Auto-Tune for Guitar control software.

Read this manual carefully, then enjoy the incredible creativity that the Peavey AT-200 will unleash on your guitar playing! Most of all, have fun!

Peavey® AT-200™ Auto-Tune® Guitar Controls

This Owner's Manual will get you started playing the Peavey® AT-200™ Electric Guitar with Auto-Tune for Guitar technology.

1. Install four fresh AA cells in the battery compartment (5) on the rear of the guitar. For maximum battery life, use lithium ion batteries or alkaline batteries.

IMPORTANT NOTE: While the guitar is designed to be optionally powered through its 8-pin DIN connector (4), doing so requires a custom cable. Do **NOT** attempt to do this without the Peavey AT-200B breakout box package (sold separately), as using an incorrectly wired cable can catastrophically damage the guitar's electronics. Using the AT-200B breakout box will eliminate the need for batteries.

2. Adequate string tension is necessary in order for the auto tuning system to work properly. Strings that are too loose (over 5 half steps) will not sense properly.

3. To turn on the Auto-Tune for Guitar system, you must have a plug inserted in the output jack and the Tone Knob Push/Pull switch (3) must be in the “down” position. The LED (7) on the side of the neck pickup bezel will light steadily to indicate that the system has power.

4. Cleanly and evenly strum all six strings and then push down on the Volume knob (1) to engage String Tune™. If the system has registered all six strings, you will hear an audio gesture that sounds like a “scooping” sound. If the gesture sound is undesired, simply turn down the volume control when pressing the tuning button. If the system hears all six strings and tunes the guitar, the LED indicator light (7) will flash three times. The guitar is now perfectly in tune.

5. If you do not hear the scooping sound and/or the LED does not flash, the AT-200 did not register all six strings. In that case, simply strum the strings again, being extra careful to strum cleanly, and again push the Volume knob.

6. If the LED on the pickup bezel begins flashing slowly, it's an indication that the AA cells are reaching the end of their life and it is time to replace them.

THE GUITAR CONTROLS

1. Volume + String Tune

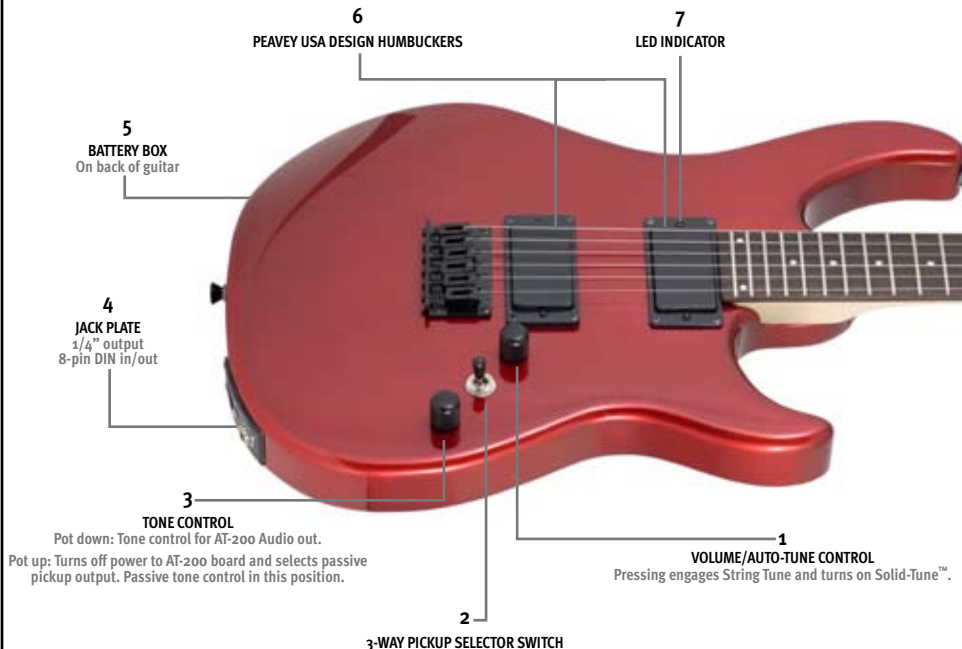
In both active Auto-Tune® mode and passive mode (using the normal humbucking pickups), this knob controls the volume of the instrument. This knob also includes the momentary switch that triggers the String Tune function.

2. Pickup Selector

The pickup selector switch selects between neck pickup, both pickups and bridge pickup tones.

3. Master Tone + Active/Passive Mode

When this knob is in the normal “down” position, the Auto-Tune active mode is turned on (unless the cable is unplugged). When this knob is pulled up, the Auto-Tune system is turned off and the guitar operates in normal, passive mode using the regular humbucking pickups. This will prove to be very handy if you run out of battery life during a performance. In both Active and Passive modes, this knob also serves as the master Tone control.



Auto-Tune® for Guitar

What is it?

Incorporating world-renowned Auto-Tune pitch detection and manipulation along with other proprietary technologies from Antares®, Auto-Tune for Guitar is an entirely DSP-based suite of functions that offer everything guitarists have always wanted from their guitars, along with capabilities never imagined possible. From flawless intonation to astonishing tonal flexibility to alternate tunings that open up entirely new areas of inspiration and creativity, Auto-Tune for Guitar technology expands the flexibility and range of the electric guitar while letting players continue to leverage their own techniques and styles.

What does it do?

Auto-Tune for Guitar offers a variety of functions that greatly enhance the playability and capabilities of the electric guitar. They include:

The Solid Tune™ Intonation System

The Peavey AT-200's Solid-Tune intonation system addresses the eternal challenge of maintaining perfect intonation as a guitarist moves up and down the neck. When a guitar's intonation is even slightly off, nothing sounds quite right—and the effect can cause dissonance and muddy guitar tone. By using the Auto-Tune® for

Guitar's Solid-Tune™ intonation system, the Peavey® AT-200™ constantly monitors the precise pitch of each individual string and makes any corrections necessary to ensure that every note of every chord and riff is always in tune, regardless of variables like finger position or pressure. As a result, listening to the Peavey AT-200 with Solid-Tune is a revelation, offering a purity of tone that has simply never before been possible.

Additionally, Solid-Tune is smart enough to know when players intend to manipulate the pitch, so they can play bends and vibrato exactly as they always have. Solid-Tune intonation even makes it easier to bend to the right pitch every time.

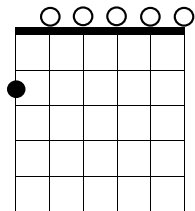
Instant String Tuning

With the Peavey AT-200, you can tune all six strings instantly with the push of a button (no motors or gears required). Simply strum the strings, trigger String Tune via the volume knob button and your guitar is instantly in tune.

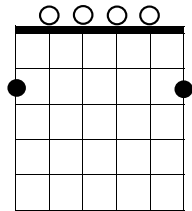
Alternate Tunings

The Auto-Tune® for Guitar system tunes each string to the nut. Because of this, there are some ways to manipulate the system to achieve alternate tunings. The following are some tunings you can experiment with, plus you can make your own! To do this, strum all six strings and activate String Tune while fretting the guitar as shown on opposite page.

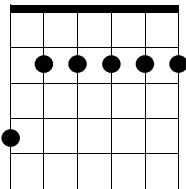
You can have a lot of fun creating your own special tunings and sharing with other AT-200™ users online! Remember, there are optional upgrades available directly from Antares that will make open tunings a snap, as well as letting you use the optional AT-200B breakout box with a MIDI pedal or other controller to control all of the AT-200 features!



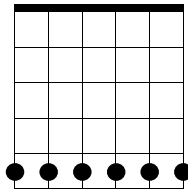
DROP D



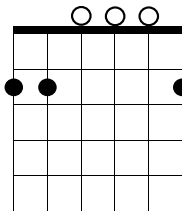
DOUBLE DROP D



DROP C

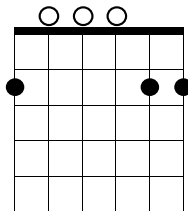


BARITONE

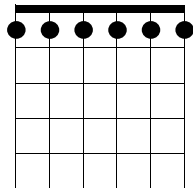


OPEN G

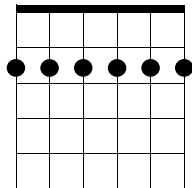
Then capo on the 5th
fret to change key from D to G



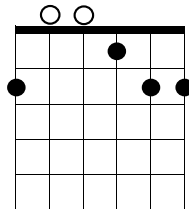
DADGAD



E_b TUNING

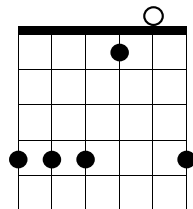


D TUNING



OPEN D TUNING

Then capo up to change
keys



"RAIN SONG"

After tuning, capo on the 3rd
fret to be in the right key.

Optional Software Upgrades (available from Antares® Audio Technologies)

By registering your AT-200 at the Antares Auto-Tune for Guitar web site, <http://guitar.auto-tune.com>, you become eligible to download any future firmware updates into your guitar using the AT200-B breakout box and a MIDI interface for your computer. (Be sure to check the Auto-Tune for Guitar web site for the most current list of certified compatible MIDI interfaces.) Additionally, you will be able to purchase optional software upgrades from Antares that will add new features to your guitar and allow you to control those features via MIDI from MIDI foot controllers, programmable control surfaces, iPhone® or iPad®, computers or other source of MIDI. For more detailed information about the upgrades and how they operate, please visit <http://guitar.auto-tune.com>.

Non-Standard Tunings

Using Auto-Tune's proprietary pitch detection and extremely high-quality pitch shifting, the optional Alternate Tuning upgrade lets you quickly select from among popular alternative tunings as well as dramatic new tunings that would be physically impossible without Auto-Tune for Guitar. Plus, you can also create your own arbitrary tunings, so let the creativity flow! The difference between upgraded alternate tunings and the ones mentioned earlier in the manual is that these are saved and can be recalled instantly via a MIDI controller through the Peavey AT200-B breakout box.

Examples of available alternate tunings include:

Drop D

DADGAD

Open G

Open D

Open E

Seven String (low B doubled on low E string)

Twelve String

Bass Guitar

Octave Guitar

Virtual Capo

Auto-Tune for Guitar provides a virtual capo that allows you to shift pitch both up and down a full octave so you can play in any key or range. This allows you to play open chords in different keys at their traditional positions down at the bottom of the neck. Imagine playing 12th fret hammer-ons and pull-offs in the open position, or switching to baritone guitar, bass, or even sub-bass with the push of a button!

Guitar Upgrades

With Auto-Tune for Guitar's technology you can have a virtually unlimited variety of classic and modern tones at your fingertips.

Auto-Tune for Guitar also offers a tone control that can boost or cut the pickups' frequency response.

PEAVEY ELECTRONICS CORPORATION LIMITED WARRANTY

Effective Date: 06/01/2012

What This Warranty Covers

Your Peavey Warranty covers defects in material and workmanship in Peavey products purchased and serviced in the U.S.A. and Canada.

What This Warranty Does Not Cover

The Warranty does not cover: (1) damage caused by accident, misuse, abuse, improper installation or operation, rental, product modification or neglect; (2) damage occurring during shipment; (3) damage caused by repair or service performed by persons not authorized by Peavey; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Peavey Dealer.

Who This Warranty Protects

This Warranty protects only the original purchaser of the product.

How Long This Warranty Lasts

The Warranty begins on the date of purchase by the original retail purchaser. The duration of the Warranty for guitars is 2 years* (+ 3 years).

[Denotes additional Warranty period applicable if optional Warranty Registration Card is completed and returned to Peavey by original retail purchaser within 90 days of purchase.]*

What Peavey Will Do

We will repair or replace (at Peavey's discretion) products covered by Warranty at no charge for labor or materials. If the product or component must be shipped to Peavey for Warranty service, the consumer must pay initial shipping charges. If the repairs are covered by Warranty, Peavey will pay the return shipping charges.

How To Get Warranty Service

(1) Take the defective item and your sales receipt or other proof of date of purchase to your Authorized Peavey Dealer or Authorized Peavey Service Center.

OR

(2) Ship the defective item, prepaid, to Peavey Electronics Corporation, International Service Center, 412 Highway 11 & 80 East, Meridian, MS 39301. Include a detailed description of the problem, together with a copy of your sales receipt or other proof of date of purchase as evidence of Warranty coverage. Also provide a complete return address.

Limitation of Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Exclusions of Damages

PEAVEY'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT PEAVEY'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. PEAVEY SHALL NOT BE LIABLE FOR DAMAGES BASED ON INCONVENIENCE, LOSS OF USE, LOST PROFITS, LOST SAVINGS, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

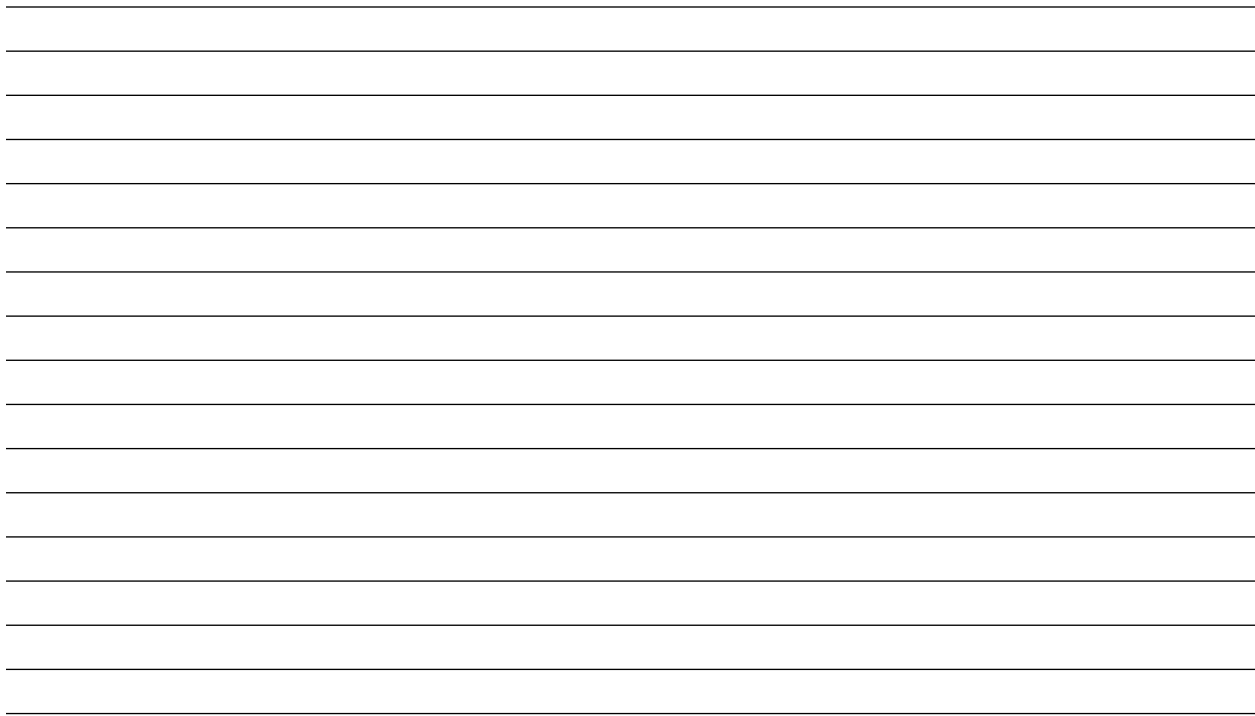
Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you have any questions about this Warranty or services received or if you need assistance in locating an Authorized Service Center, please contact the Peavey International Service Center at (601) 483-5365.

Features and specifications are subject to change without notice.







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**Peavey Electronics Corporation • 5022 Hartley Peavey Drive • Meridian, MS 39305
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