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Ibanez AEG220

Ibanez AEG220 Acoustic-Electric Guitar User Manual

Model: AEG220

INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Ibanez AEG220 Acoustic-Electric Guitar. Please read this manual thoroughly to ensure optimal performance and longevity of your instrument.

The Ibanez AEG220 features a slender, single-cutaway body designed to deliver a balanced acoustic sound, suitable for both unplugged playing and amplified performances. It incorporates intuitive electronics for versatile sound shaping.

Key Features:

- Solid Okoume top for rich tonal resonance.
- Okoume back and sides for balanced sound projection.
- Comfort Grip Nyatoh neck with rounded fretboard edge for enhanced playability.
- Ovangkol fretboard and scalloped bridge.
- Ibanez T-bar Undersaddle Pickup for clear amplified sound.
- Ibanez AEQ-TTS preamp with an integrated onboard tuner for precise tuning and sound control.

SETUP

Before playing your Ibanez AEG220, follow these steps to ensure it is properly set up.

1. Unpacking and Initial Inspection

Carefully remove the guitar from its packaging. Inspect the instrument for any visible damage that may have occurred during shipping. Ensure all accessories, if included, are present.

2. Stringing

The guitar comes pre-strung with bronze strings. If new strings are required, ensure they are acoustic guitar strings, preferably bronze, to maintain the intended tone. Refer to the Maintenance section for string replacement guidelines.

3. Tuning

Your AEG220 is equipped with an Ibanez AEQ-TTS preamp that includes an onboard tuner. To use the tuner:

1. Press the "Tuner" button on the preamp to activate it. The display will illuminate.
2. Pluck each string individually. The display will show the note being played and indicate if it is sharp or flat.
3. Adjust the tuning pegs until the display shows the correct note and indicates it is in tune.
4. Press the "Tuner" button again to deactivate the tuner.



Image: Close-up view of the Ibanez AEQ-TTS preamp controls, including the tuner button, located on the upper bout of the

4. Connecting to an Amplifier (Optional)

For amplified sound, connect a standard 1/4-inch instrument cable from the guitar's output jack (located at the bottom strap button) to your acoustic amplifier or PA system. Ensure the amplifier is turned off before connecting or disconnecting the cable.

OPERATING

This section covers the basic operation of your Ibanez AEG220 guitar.

1. Playing Acoustically

The AEG220 is designed to produce a rich acoustic tone without amplification. Hold the guitar comfortably and use a pick or your fingers to strum or pluck the strings.

2. Using the Ibanez AEQ-TTS Preamp

The onboard preamp allows you to control the amplified sound of your guitar. It features:

- **Volume Control:** Adjusts the overall output level when plugged in.
- **Tone Control:** Shapes the tonal characteristics of your sound. Experiment with this knob to find your preferred sound.
- **Phase Switch:** (If present, typically a small button) This switch can help reduce feedback in amplified settings by inverting the phase of the signal.
- **Battery Indicator:** A small LED will light up when the battery is low, indicating it's time for replacement.

Ensure a fresh 9V battery is installed in the battery compartment (usually located near the output jack or on the side of the preamp unit) for the preamp and tuner to function correctly.

MAINTENANCE

Regular maintenance will preserve the playability and appearance of your Ibanez AEG220.

1. Cleaning

- **Body and Neck:** Wipe down the body and neck with a soft, lint-free cloth after each use to remove sweat and oils. For deeper cleaning, use a guitar-specific polish or cleaner sparingly.
- **Fretboard:** The Ovangkol fretboard can be cleaned with a damp cloth. Periodically, use a fretboard conditioner to prevent drying and cracking.
- **Strings:** Wipe strings after playing to extend their life and maintain tone.

2. String Replacement

Strings should be replaced regularly, depending on how often you play and your playing style. Worn or corroded strings can negatively affect tone and tuning stability. Replace strings one at a time to maintain neck tension.



Image: Rear view of the Ibanez AEG220 headstock, illustrating the tuning machines used for string adjustment.

3. Humidity Control

Acoustic guitars are sensitive to changes in temperature and humidity. Store your guitar in a stable environment, ideally between 45-55% relative humidity. Extreme fluctuations can cause wood to expand or contract, leading to structural issues or changes in playability.

4. Storage

When not in use, store your guitar in a case or gig bag to protect it from dust, impacts, and environmental changes. Avoid leaving it in direct sunlight or near heat sources.

TROUBLESHOOTING

This section addresses common issues you might encounter with your AEG220.

1. No Sound When Plugged In

- **Check Cable:** Ensure the instrument cable is securely connected to both the guitar and the amplifier/PA system. Try a different cable to rule out a faulty one.
- **Check Battery:** The preamp requires a 9V battery. If the battery is dead or low, the preamp will not function. Replace the battery if the low battery indicator is on or if you suspect it's drained.
- **Check Amplifier/PA:** Ensure your amplifier or PA system is powered on, correctly configured, and its volume is turned up.
- **Guitar Volume:** Verify that the volume knob on the guitar's preamp is turned up.

2. Buzzing Strings

- **Fretting Technique:** Ensure you are pressing the strings firmly behind the fret.
- **Neck Relief:** The neck may need adjustment. This is best performed by a qualified guitar technician.
- **Action Height:** The string height (action) might be too low. This can be adjusted at the bridge saddle or nut, often requiring professional setup.
- **Worn Frets:** Severely worn frets can cause buzzing. A fret leveling or refret may be necessary by a technician.

3. Tuning Instability

- **New Strings:** New strings often stretch and require frequent re-tuning for the first few days.
- **Worn Strings:** Old, corroded strings can lose their ability to hold tune. Replace them.
- **Tuning Machines:** Ensure the tuning machine screws are snug. If a tuner is faulty, it may need replacement.
- **Environmental Factors:** Rapid changes in temperature or humidity can affect tuning.

SPECIFICATIONS

Feature	Detail
Brand	Ibanez
Model Number	AEG220LGS
Top Material	Solid Okoume
Body Material	Okoume
Back Material	Okoume Wood
Neck Material	Nyatoh (Comfort Grip with Rounded Fretboard Edge)
Fretboard Material	Ovangkol Wood
Bridge System	Fixed, Ovangkol Scalloped Bridge
Pickup	Ibanez T-bar Undersaddle Pickup
Preamp	Ibanez AEQ-TTS preamp w/Onboard tuner
Number of Strings	6

Scale Length	25.5 Inches
Hand Orientation	Right
Item Weight	1 Pounds
Item Dimensions	18.9 x 5.6 x 42 inches
String Material Type	Bronze
GTIN	04549763280824



Image: Front view of the Ibanez AEG220 guitar, highlighting the Okoume top and soundhole.







Image: Full side profile of the Ibanez AEG220, illustrating the slender body and neck.





Image: Rear view of the Ibanez AEG220 guitar, displaying the Okoume back and the smooth neck joint.

WARRANTY

The Ibanez AEG220 Acoustic-Electric Guitar comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage resulting from misuse, accident, modification, improper maintenance, or normal wear and tear.

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Ibanez website.

SUPPORT

If you encounter issues not covered in this manual or require further assistance, please contact Ibanez customer support. You can typically find contact information on the official Ibanez website or through your authorized dealer.

When contacting support, please have your guitar's model number (AEG220) and serial number (if applicable) ready, along with a detailed description of the issue.