

Ibanez AEB10E

Ibanez AEB10E Acoustic-Electric Bass

INSTRUCTION MANUAL

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Ibanez AEB10E Acoustic-Electric Bass. Please read this manual thoroughly before using your instrument to ensure optimal performance and longevity.

The Ibanez AEB10E is an acoustic-electric bass designed for versatility, offering both acoustic projection and amplified sound capabilities. Its construction and integrated electronics are engineered to provide a rich tone and comfortable playability across various musical settings.

What's in the Box

Upon unpacking, please verify that all components are present:

- Ibanez AEB10E Acoustic-Electric Bass
- Basic components for playing and amplifying the bass guitar (as specified by manufacturer)
- User Manual (this document)

Setup

Follow these steps to prepare your Ibanez AEB10E for use:

1. **Initial Inspection:** Carefully remove the bass from its packaging. Inspect the instrument for any visible damage that may have occurred during shipping.
2. **Battery Installation (for Electronics):** The AEB10E features active electronics requiring a 9V battery. Locate the battery compartment, typically on the side or back of the bass. Open the compartment, insert a fresh 9V battery, ensuring correct polarity, and close the compartment securely.
3. **Tuning:** Use a chromatic tuner to tune the bass strings to standard E-A-D-G (from thickest to thinnest). The onboard tuner (if present) can be activated for convenience.
4. **Connecting to an Amplifier:** To use the electric capabilities, connect a standard 1/4-inch instrument cable from the output jack on the bass to your bass amplifier. Ensure the amplifier is turned off before connecting or disconnecting.



Image: Front view of the Ibanez AEB10E Acoustic-Electric Bass, showcasing its Dark Violin Sunburst finish and overall body shape. This view highlights the soundhole, bridge, and fretboard.

Operating

This section covers the basic operation of your acoustic-electric bass.

- 1. Playing Acoustically:** The AEB10E can be played unplugged, utilizing its acoustic body for natural projection. Adjust your playing dynamics to control volume and tone.
- 2. Using Onboard Electronics:**
 - **Volume Control:** Adjust the master volume knob on the preamp to control the amplified output level.
 - **Equalizer (EQ):** The preamp typically includes bass, middle, and treble controls. Adjust these knobs to shape your amplified tone. Turning a knob clockwise increases the frequency band, while counter-clockwise decreases it.
 - **Phase Switch:** Some models may include a phase switch to help reduce feedback when amplified. Experiment with this switch if feedback occurs.
 - **Onboard Tuner:** Activate the tuner button to mute the output and use the built-in chromatic tuner. The display will indicate the note played and whether it is sharp or flat. Deactivate the tuner when finished.
- 3. Amplifier Settings:** Adjust the volume and EQ settings on your bass amplifier to complement the bass's onboard electronics and achieve your desired sound.



Image: Close-up view of the Ibanez AEB10E's headstock and upper neck, showing the tuning machines and fretboard markers. This image provides detail on the instrument's construction.

Maintenance

Proper care will extend the life and maintain the performance of your Ibanez AEB10E.

- **Cleaning:** Wipe down the body, neck, and strings with a soft, dry, lint-free cloth after each use. For stubborn grime, use a guitar-specific cleaning solution sparingly. Avoid abrasive cleaners.
- **String Replacement:** Strings should be replaced regularly, depending on usage, to maintain optimal tone and playability. Replace one string at a time to maintain neck tension.
- **Fretboard Care:** Periodically clean and condition the fretboard (if it's rosewood or ebony) with a suitable fretboard oil to prevent drying and cracking.
- **Storage:** Store the bass in a stable environment, away from extreme temperature changes, humidity fluctuations, and direct sunlight. A gig bag or hard case is recommended for protection.
- **Battery Check:** If the amplified sound becomes weak or distorted, check and replace the 9V battery for the active electronics. Remove the battery if the instrument will not be used for an extended period to prevent leakage.

Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
No sound when amplified	Dead battery; cable issue; amplifier off; volume low.	Replace 9V battery; check instrument cable; turn on amplifier; increase volume on bass and amp.
Weak or distorted amplified sound	Low battery; incorrect EQ settings; faulty cable.	Replace 9V battery; adjust EQ settings; try a different cable.
Feedback when amplified	High volume; proximity to amplifier; room acoustics.	Reduce volume; move away from amplifier; engage phase switch (if available); adjust EQ to cut problematic frequencies.
Buzzing or rattling noise	Loose hardware; fret buzz; worn strings.	Check and tighten hardware; adjust truss rod/bridge (professional setup recommended); replace strings.
Tuner not working	Dead battery; tuner not activated.	Replace 9V battery; ensure tuner button is pressed.
Strings difficult to press down	High action (string height).	Adjust bridge saddle height or truss rod (professional setup recommended).
Intonation issues (notes out of tune up the neck)	Incorrect saddle position.	Adjust bridge saddle positions (professional setup recommended).
Uneven string volume when amplified	Pickup balance issue; worn strings.	Check pickup height (if adjustable); replace strings.
Crackling sound when moving cable	Faulty cable; dirty output jack.	Try a different cable; clean output jack with contact cleaner.

Specifications

Key technical specifications for the Ibanez AEB10E Acoustic-Electric Bass:

- **Model:** AEB10E
- **Instrument Type:** Acoustic-Electric Bass Guitar
- **Body Finish:** Dark Violin Sunburst
- **Top Material:** Spruce or Maple
- **Neck Material:** Maple
- **Number of Strings:** 4
- **String Material:** Alloy Steel
- **Electronics:** Integrated Preamp with Onboard Tuner
- **Dimensions (L x W x H):** 47.24 x 20.07 x 6.5 inches

- **Item Weight:** 5.73 pounds

Warranty and Support

Ibanez instruments are manufactured to high standards. For specific warranty information regarding your AEB10E Acoustic-Electric Bass, please refer to the warranty card included with your purchase or visit the official Ibanez website.

For technical support, service, or parts inquiries, please contact Ibanez customer service or an authorized Ibanez service center. Contact information can typically be found on the official Ibanez website or in your product documentation.

Important: Any unauthorized modifications or repairs may void your warranty.