



# Electric Acoustic Guitar

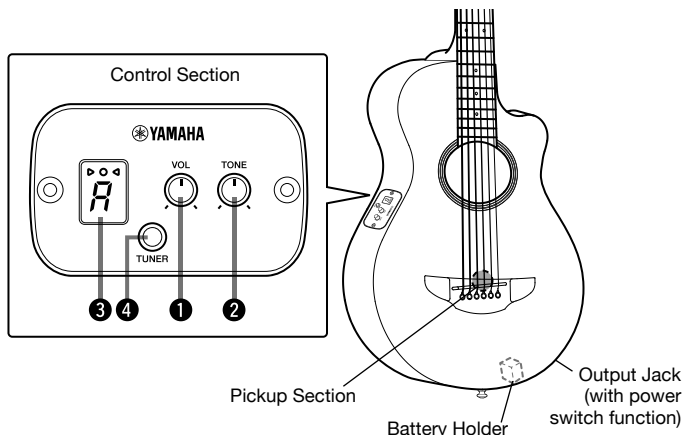
## Owner's Manual

Thank you for choosing a Yamaha electric-acoustic guitar. In order to make the most of the advanced features and performance provided by your guitar, please read this manual carefully before using the instrument.

### ⚠ PRECAUTIONS

- Before connecting the guitar to the amplifier, refer to the “Battery Replacement” section and install the batteries.
- Always set the guitar’s VOLUME control and the volume control on the amplifier to their minimum levels when connecting or disconnecting the cable.
- The built-in preamplifier is automatically turned ON when a guitar cable is connected to the output jack. When not using the instrument, or when playing it without amplification, be sure to remove the guitar cable from the output jack so that the preamplifier power is turned OFF. Also, if the instrument is not going to be used for an extended period of time, or when battery power is depleted, we recommend that the batteries be removed in order to avoid power consumption or leakage.
- Please take special care when using outdoors or in places exposed to poor weather conditions, especially moisture. Please read the instruction manual for the external audio device such as a guitar amplifier, etc., prior to use. (Lighting strikes may result in accidents, fire, or electric shock.)

### NOMENCLATURE/CONTROL INSTRUCTIONS



#### 1 VOL Control

Controls the volume.

\* Always set the volume to its minimum level when connecting or disconnecting the cable.

#### 2 TONE Control

Rotating the knob to the right simultaneously increases the level of both bass and treble frequencies. Rotating to the left decreases those frequencies. Both frequencies are flat at the knob’s center position.

#### 3 Tuner Display

Displays tuner information.

As battery power depletes the ▷ ◁ lamps will flash alternately.

#### 4 TUNER Switch

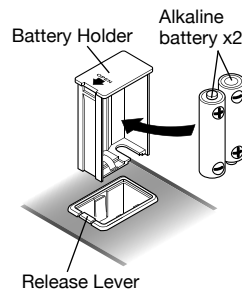
Switches the tuner ON/OFF.

### BATTERY REPLACEMENT

As battery power depletes the ▷ ◁ lamps will flash alternately. Replace the batteries as soon as possible.

\* These lamps will be displayed only when a plug is inserted to the output jack or the power of the tuner is turned ON.

- ① Press the release lever on the battery case in the direction indicated by the arrow ↓ in the illustration in order to unlock it, and then slide out the battery holder.
- ② Remove the old batteries from the battery holder, and insert the two new size AA alkaline batteries. Make sure that the poles on the batteries are properly positioned as shown in the diagram inside of the holder.
- ③ Slide the battery holder back into the battery case and press firmly so that the battery holder locks in place.



### ⚠ Precautions for using battery

\* Use alkaline batteries only.

\* Always change both batteries at the same time. Do not mix new and old batteries, or different type batteries (batteries made by different manufacturers or batteries by the same manufacturer but of different types). Not doing so can result in fire, etc.

\* Never touch any fluid that may leak from the battery. If the fluid should come in contact with the eyes, mouth, or skin, wash immediately with water and consult a doctor.

\* Always dispose batteries in accordance with local laws and regulations.

\* Keep batteries out of reach of children.

\* Never spill any liquid such as water or tea. It may cause hazard of electrical short circuit.

\* Never dismantle the batteries and never dispose batteries in fire.

\* Never recharge the batteries.

### USING THE TUNER

- ① Press and hold the TUNER switch until the ▷ ◁ display lights to switch the tuner power ON.
- ② Tune the guitar string until the note name of the desired pitch appears in the display.
- ③ The string is in tune when only the ◯ lamp lights in the center of the ▷ ◁ display.



- ④ Press the TUNER switch again to switch the tuner power OFF. Also, if the note name is not shown in the display for more than 1 minute, the power will automatically switch OFF. (▷ ◁ display goes off)

\* It may take a few seconds before the tuner can detect pitches after being switched ON.

\* The note name and ▷ ◁ displays may have difficulty keeping up with irregular pitch changes. Gradually change the pitch and check when tuning.

\* The tuner may not be able to detect notes rich with overtones or with very short sustain.

\* Sound output is not muted when the tuner is being used.

### SPECIFICATIONS

- **System:** System-68
- **Pickup:** Contact Pickup (installed inside of the body)
- **Preamplifier Controls:** VOL, TONE, TUNER
- **Output Jack:** Combination end pin/power switch
- **Output Impedance:** 1kΩ
- **Batteries:** Size AA alkaline battery (LR6) x2

- **Battery Life:** Approx. 200 hours (Without tuner and using alkaline batteries. May differ due to operating conditions.)
- **Tuner:** Chromatic type (12 semi-tones), A4=440Hz, Accuracy range +/- 3 cents
- **Accessories:** Neck adjustment hex-wrench x1, Size AA alkaline battery x2