



# 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

- The output jack is an EIAJ-standard 1/4" phone jack. Be sure to use an appropriate connection cable.
- The built-in preamplifier is automatically turned on when a plug is inserted into the output jack. When not using the instrument, or when playing it without amplification, be sure to remove the plug from the output jack so that the preamplifier power is turned off.
- Always set the VOLUME control to "0" when plugging in or unplugging the connection cable.
- The battery check indicator (BAT.) will light briefly when a plug is inserted or removed from the output jack. This is normal and does not indicate a malfunction.
- Be sure to remove the battery if the instrument will not be used for an extended period of time in order to prevent possible damage due to battery leakage.

### SPECIFICATIONS

**Model :** Monaural 1 Way  
**System :** 39  
**Pickup :** Piezo Pickup (Bridge)  
**Pre-amplifier Controls :**  
VOLUME, 3 BAND-EQ.,  
AMF, MID SHAPE switch

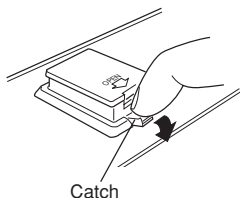
**Output jack :** Combination end  
pin/power switch  
**Output impedance :** 1 k $\Omega$   
**Power supply :** 9V DC, S-006P  
(6F22) dry cell battery  
**Battery life :** Approx. 500 hours  
**Accessory :** 1 hexagonal wrench

### BATTERY REPLACEMENT

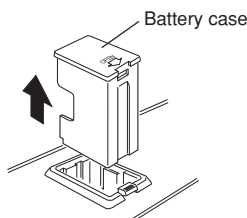
Be sure to replace the battery as soon as possible when the battery check indicator lights in order to avoid reduced sound quality.

\* **Be sure to remove the battery if the instrument will not be used for an extended period of time in order to prevent possible damage due to battery leakage.**

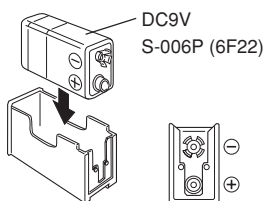
- ① Press the catch on the battery holder in the direction indicated by the arrow in the illustration in order to unlock it.



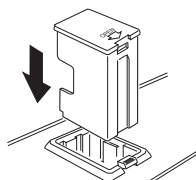
- ② Slide out the battery case.



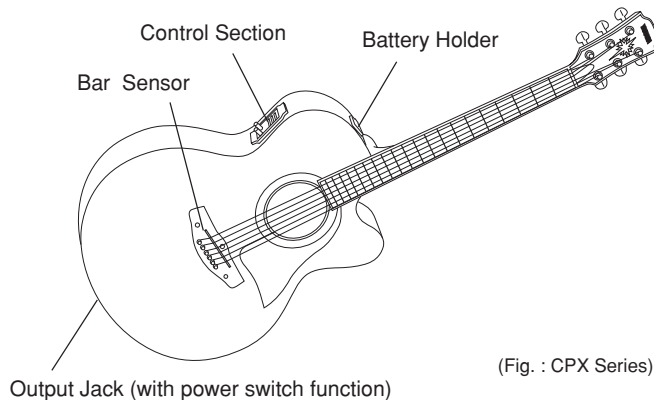
- ③ Remove the old battery from the battery case, and insert the new battery making sure that the (+) and (-) terminals of the battery are positioned as shown in the illustration. Use only a DC9V, S-006P (6F22) or equivalent battery.



- ④ Slide the battery case back into the battery holder and press firmly so that the battery case locks into place.



### NOMENCLATURE



(Fig. : CPX Series)

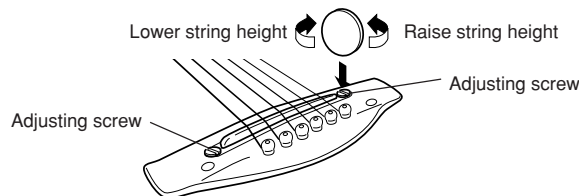
### ADJUSTING SADDLE HEIGHT (only for adjustable bridge model)

String height can be adjusted at the bridge with the two adjuster screws located on either side of the bridge. With the strings loosened, rotate the adjuster screws to adjust string height. A half turn will result in approximately a 0.4 mm adjustment.

- **To raise the height of the strings**  
→ rotate the screw counter-clockwise (loosen the screw).
- **To lower the height of the strings**  
→ rotate the screw clockwise (tighten the screw).

After adjustment of the string height is complete, tune the guitar.

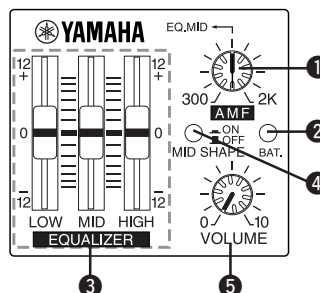
\* **When you lower string height, loosen the truss rod a little (convex or back-bowed). When you raise string height, tighten the adjusting rod a little (concave or up-bowed), fret buzz will stop.**



#### Reference: Factory setting

- **Saddle height :**  
from the top of the adjustable saddle case: 3mm (+0.5,-0.5)
- **Adjustable saddle case height :**  
from the top of the bridge face: 0.5mm (+0.7,-0.5)
- **String height :**  
(measured at the 12th fret, from the top of the fret to the bottom of the string)  
6th string : 2.6mm, 1st string : 1.8mm

### THE CONTROLS



#### ① AMF Control

Sets the center frequency of the band of frequencies affected by the MID equalizer control. The range is from 600 Hz to 3 kHz. Please note that this control has no effect when the MID equalizer control is set to its center ("0") position.

#### ② BAT. (Battery Check) Indicator

This indicator will light when the battery needs to be replaced. Please replace the battery as soon as possible when the BAT. indicator lights.

#### ③ EQUALIZER Controls

**LOW :** Boosts or cuts the level of the low frequencies.  
**MID :** Boosts or cuts the level of the middle frequencies.  
The AMF control adjusts the center frequency of the band affected by this control.  
**HIGH :** Boosts or cuts the level of the high frequencies.

#### ④ MID SHAPE Switch

##### ■ OFF

Overall flat characteristic. Use as a reference when creating your sound.

##### ■ ON

Boosts the Mid and Low frequencies. Great for strumming.

#### ⑤ VOLUME Control

Adjusts the overall output volume level.