

# Atmosfeel™

## Acoustic Electric Guitar Owner's Manual

Thank you for purchasing the Yamaha Guitar with the Atmosfeel™ technology. Featuring Yamaha's newly developed three-way system with built-in piezoelectric sensors, the acoustic guitar sound is captured as is, with amazing accuracy across the entire frequency range - from low to high - creating an expressive, natural warm stereophonic sound. To obtain the best performance and potential from this instrument, we encourage you to read this manual before use. Note that this manual covers only the electronic parts of this product. For information on the other non-electronic parts, refer to the separate Acoustic Guitar Owner's Manual.

### PRECAUTIONS

#### PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe and handy place for future reference.

#### WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

##### Do not open

- This instrument contains no user-serviceable parts. Do not open the instrument or attempt to disassemble or modify the internal components in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

##### Water warning

- To avoid damage, do not expose the guitar to damp/rainy conditions or place it near any containers such as vases, bottles, or glasses that have the potential to spill into any of the guitar's openings or electronic components. Should any moisture/liquid seep into the guitar (such as water), turn off the power immediately and have the instrument inspected by qualified Yamaha service technician.

##### If you notice any abnormality

- Should one of the following problems occur, immediately turn off the power, remove all batteries from the instrument and have the instrument inspected by a qualified Yamaha service technician.
  - Emission of unusual smells or smoke.
  - An object has been dropped into the instrument.
  - A sudden loss of sound.

#### CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

##### Connection

- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

##### Location

- Do not place the instrument in an unstable position where it might accidentally fall over.

##### Handling caution

- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the controllers or connectors.

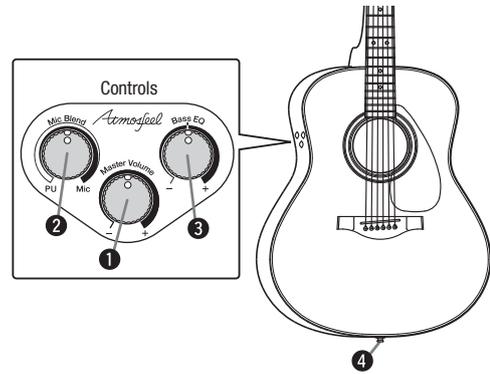
\* Yamaha cannot be held responsible for damage caused by improper use or modifications made to this instrument.

\* Information regarding the batteries can be found in the Specifications Section of this owner's manual.

### Specifications

- **System:** System74
- **Pickup:** Hybrid 3-way System
- **Control:** Master Volume, Mic Blend, Bass EQ
- **Output Jack:** Combination end pin/line out power switch
- **Output Impedance:** 1 kΩ
- **Power:** AA battery x2 (alkaline or nickel-metal hydride) \*1
- **Battery Life:** Approximately 28 hours using alkaline batteries, approximately 24 hours using nickel metal hydride batteries.\*2
- **Accessories:** Neck adjustment hex wrench x1, AA battery x2

### Part Names/Control Descriptions



#### 1 Master Volume

When a cable is connected to the (4) Output Jack, the LED located inside the Master Volume lights green for one second, then the Atmosfeel™ feature will be turned ON. Turn the Master Volume control all the way down to the minimum before connecting/disconnecting a cable. The output level can be adjusted by turning this control to the right (clockwise) to increase the level, or to the left (counterclockwise) to reduce the level.

#### 2 Mic Blend

Adjusts the level of the sound picked up with the microphones installed inside the body. Turning this control to the right (clockwise) to enhance the reverberation and spaciousness of the sound. In this condition, the output level is not changed.

**NOTE** Feedback might occur depending on the usage conditions. Use the (2) Mic Blend or the (3) Bass EQ to adjust the sound.

#### 3 Bass EQ

Adjusts the level of the low frequencies. Turning this control to the right (clockwise) gradually boosts the lower frequencies. Turning it to the left (counterclockwise) gradually cuts the lower frequencies. Turn it to the left when you play in a band, turn it to the right when you play solo and emphasize the bass.

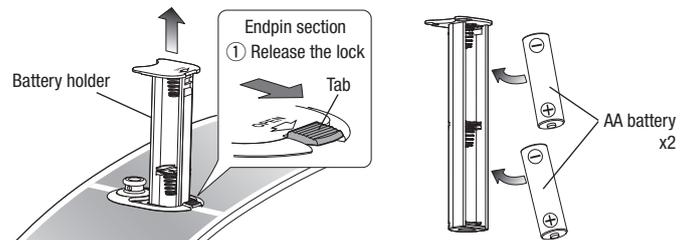
#### 4 Output jack/battery holder

The output jack and battery compartment are combined into a single unit. Inserting a plug into the output jack switches the internal preamplifier ON. To prolong the life of your battery, unplug the cable from the output jack when not in use.

### Replacing the Batteries

- 1 Slide the tab on the endpin section in the direction indicated by the arrow in the diagram below to release the lock, then pull out the battery holder.
- 2 Insert two AA batteries making sure that the battery poles are properly aligned with the polarity markings on the battery holder.
- 3 Slide the battery holder back into the endpin section until the tab is locked.

**NOTICE** When using nickel metal-hydride batteries, take care not to damage the battery casing or poles when installing and removing the batteries.



#### Remaining Battery Level

The LED located inside the Master Volume flashes red when it is time to change the batteries. Once the LED begins flashing, the remaining operation time is approximately two hours with alkaline batteries and about one hour when using nickel metal hydride batteries (Time varies according to operating conditions). Please replace the batteries as soon as possible.

\*1 For best performance, we recommend the use of alkaline or nickel-metal hydride batteries. When using nickel-metal hydride batteries, please follow the instructions in the manual provided with the batteries.

\*2 Depends upon operating conditions.

\* The contents of this manual apply to the latest specifications as of the printing date. Since Yamaha makes continuous improvements to the product, this manual may not apply to the specifications of your particular product. To obtain the latest manual, access the Yamaha website then download the manual file.