

# YAMAHA

## Silent BRASS ST9

### Personal Studio

### Owner's Manual

Thank you for purchasing the Yamaha Silent Brass Personal Studio ST9. In order to obtain the maximum performance and enjoyment from your ST9, we urge you to read this Owner's Manual thoroughly before using. Please keep this Owner's Manual in a safe place for later reference.

Your ST9 will give you years of reliable service if you follow the simple rules given below:

#### Location

Do not expose it to the following conditions to avoid deformation, discoloration, or more serious damage.

- Direct sunlight (e.g. near a window).
- High temperatures (e.g. near a heat source, outside, or in a car during the daytime).
- Excessive humidity.
- Excessive dust.
- Strong vibration.

#### Power Supply

- Turn the power switch OFF when not in use.

#### Turn Power OFF When Making Connections

- To avoid damage to the Personal Studio and other devices to which it is connected (a sound system, for example), turn the power switches of all related devices OFF prior to connecting or disconnecting audio cables.

#### Handling and Transport

- Never apply excessive force to the controls, connectors or other parts.
- Always unplug cables by gripping the plug firmly, not by pulling on the cable.
- Disconnect all cables before moving the unit.
- Physical shocks caused by dropping, bumping, or placing heavy objects on the unit can result in scratches and more serious damage.

#### Cleaning

- Clean the cabinet and panel with a dry soft cloth.
- A slightly damp cloth may be used to remove stubborn grime and dirt.
- Never use cleaners such as alcohol or thinner.
- Avoid placing vinyl objects on top of the unit (vinyl can stick to and discolor the surface).

#### Electrical Interference

- This unit contains digital circuitry and may cause interference if placed too close to radio or television receivers. If this occurs, move it further away from the affected equipment.

YAMAHA is not responsible for damage caused by improper handling or operation.

### FCC INFORMATION (U.S.A.)

#### 1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

#### 2. IMPORTANT:

When connecting this product to accessories and/or another product use only high-quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

#### 3. NOTE:

This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the user's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you cannot locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA 90620

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

### CANADA

THIS DIGITAL APPARATUS DOES NOT EXCEED THE "CLASS B" LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATION OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

LE PRESENT APPAREIL NUMERIQUE N'EMET PAS DE BRUITS RADIOELECTRIQUES DEPASSANT LES LIMITES APPLICABLES AUX APPAREILS NUMERIQUES DE LA "CLASSE B" PRESCRITES DANS LE REGLEMENT SUR LE BROUILLAGE RADIOELECTRIQUE EDICTE PAR LE MINISTRE DES COMMUNICATIONS DU CANADA.

- This applies only to products distributed by Yamaha Canada Music Ltd.
- Ceci ne s'applique qu'aux produits distribués par Yamaha Canada Musique Ltée.

### Installing / Replacing the Battery

A single 6F22/6LR61 9-Volt battery is used to power the ST9. Before replacing the battery, switch the power OFF.

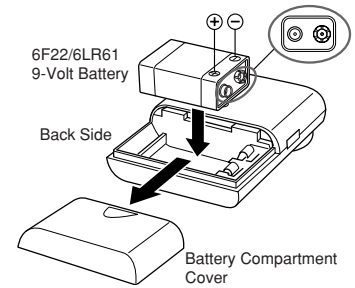
- \* Make sure that the power switch is set to OFF when replacing the battery.

- 1 Turn over the device and remove the battery compartment cover.

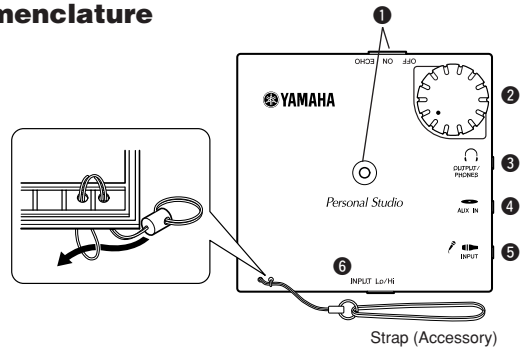
- 2 Insert an 6F22/6LR61 9-Volt battery. Take careful note of the polarity markings making sure the battery is not inserted with its +/- poles reversed.

- 3 Replace the battery compartment cover.

- \* When battery power becomes low, the sound will become distorted or the reverb will not function properly. When these symptoms appear, replace the battery with a new one as soon as possible.



### Nomenclature



#### 1 Power Switch (OFF/ON/ECHO) / Indicator

This is the device's power switch. When set to the "ON" position, the power is switched ON and the indicator will light. When set to the "ECHO" position, the reverb circuit is activated and applied to the signal received from the pickup mute/pickup mic.

- \* Make sure that the volume is set to its minimum level when operating the power switch.

#### 2 Volume Knob

Controls the volume of the signal delivered via the OUTPUT/PHONES jack.

#### 3 OUTPUT / PHONES Jack

Connect a pair of Stereo ear phones (supplied) or headphones (optional) to this jack. It can also be used as an external output jack allowing the ST9 to be connected with a commercially available audio cable (stereo mini phone jack) to an external amplifier/sound system for sound reproduction, or to a tape deck, etc. for recording.

#### 4 AUX IN Jack

Use a commercially available audio cable (stereo mini phone jack) to connect the output jack of an external device, such as a CD player, etc., to this jack to play along with the external audio source.

- \* Use the volume control on the external device to control the volume of the external device.

#### 5 INPUT Jack

Connect a Yamaha Pickup Mute/Pickup Mic to this jack.

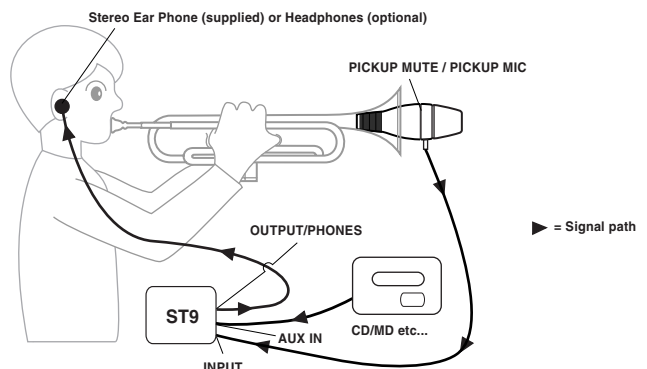
- \* The INPUT jack also supplies power to the pickup mute/pickup mic. Never use any device other than a Yamaha Pickup Mute or Pickup Mic.

#### 6 INPUT Select Switch (Lo/Hi)

Select the switch position depending upon the requirements of the connected device.

- \* At first, set the switch to the "Lo" position and play. If the sound is distorted, please select the "Hi" position.

### Setup and Use



Disconnecting the cable while the power is ON may result in damage to the unit. The sudden noise may also result in hearing impairments.

### Specifications

**Frequency Characteristics:** INPUT : 120 Hz to 20 kHz, AUX IN : 160 Hz to 20 kHz **Input/Output Levels (0dBm=-0.775 Vrms):** INPUT : -30dBm, AUX IN : -20dBm, OUTPUT/PHONES : -10dBm **Jacks and Terminals:** INPUT, AUX IN, OUTPUT/PHONES (all mini jack type) **Control :** Volume, Input Lo/Hi, Power OFF/ON/ECHO **Power Supply:** 6F22/6LR61 9-Volt battery (Operation with Manganese batteries last about 12 hours.) **Dimensions (WxDxH):** 75 x 70 x 25 mm (2-15/16" x 2-3/4" x 1") **Weight:** 65g (2.3oz) without batteries **Accessories:** Stereo Ear Phones, 9-Volt Battery, Strap