



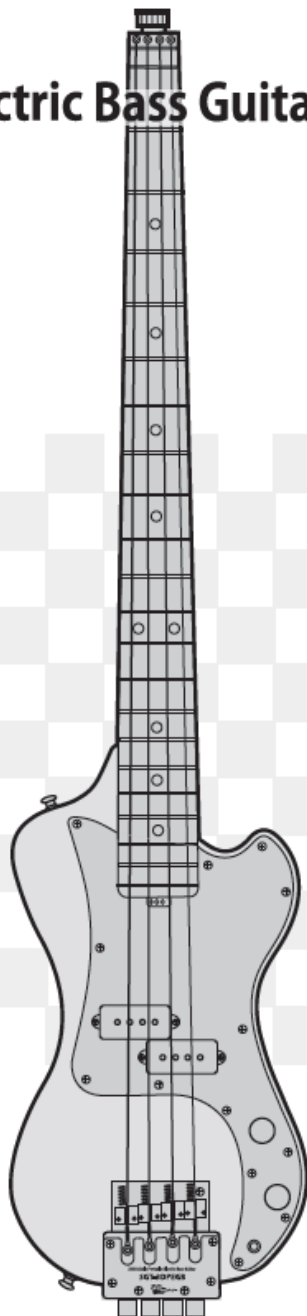
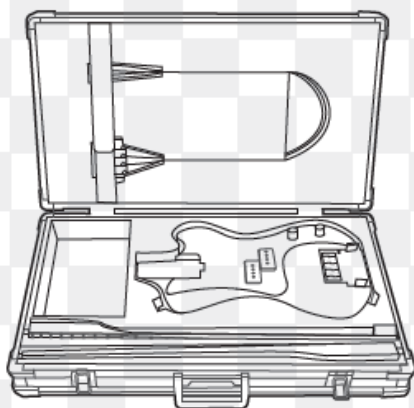
PAT. 6809694

## 3 Dividable Portable Electric Bass Guitar

# SGT-3DPEB

*P. B. Type*

## Owner's Manual



**SG Technologies, Inc.**

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## 1 Precautions

### 1-1. Modification and Repair

Modification or repair of the bass guitar may cause malfunction and may put you at risk of electric shock, so please exercise caution. Our limited warranty will NOT cover any malfunctions or damage resulting from modifications or repairs performed by anyone other than our company, even if only part of the instrument is affected.

### 1-2. Beware of Sharp Fret Edges (for fretted neck models)

Although the fret edges are carefully smoothed at the factory, changes such as neck warping or dryness may cause the edges to protrude slightly. Please be careful to avoid injury.

### 1-3. Follow the Assembly Procedure

Before attaching the string unit, make sure the two large bolts connecting the neck and the body are tightened properly (in the case of a bolt-on model). If the bolts are loose, the string unit may cause injury depending on how it is handled.

### 1-4. Recommended Strings: Double Ball 45–100

This bass guitar is shipped with D'Addario NICKEL WOUND (EXL170) 45–100 double ball-end strings installed. Other gauges of double ball-end strings can also be used. Note: Single ball-end strings (strings with one ball only) cannot be used.

### 1-5. Avoid Using in High-Humidity Conditions

Do not use the bass guitar outdoors on rainy or windy days. Moisture may cause misalignment of precision metal parts or amplifier malfunction, which may result in electric shock through the shielded cable.

## 2 Storage and Maintenance

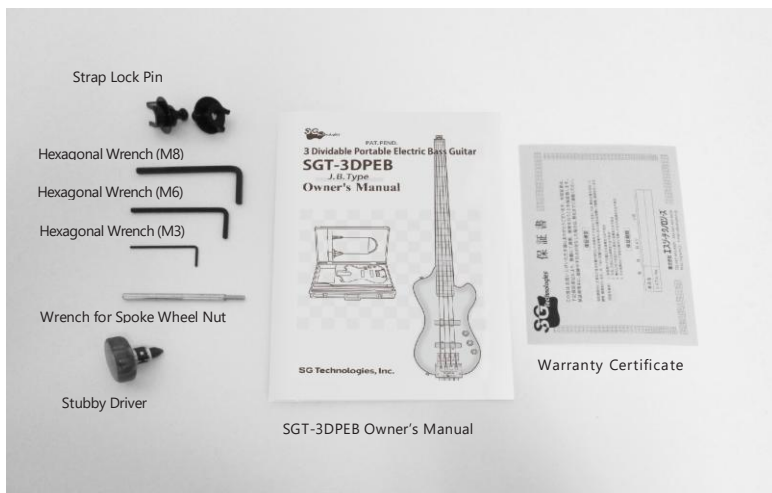
Except when carrying the bass guitar, keep it assembled in one piece. There is no need to loosen the strings (however, if the instrument will not be used for a long period, loosen the strings slightly). Clean the bass guitar with commercially available guitar-care products such as a silicone cloth. Please note that the joint between the neck and body may expand or shrink in summer and winter, which may make it slightly more difficult for the neck to fit into the body. For everyday storage, a humidity level of 30–50% and a temperature of about 20–30°C are recommended.

### 3 Checking Accessories

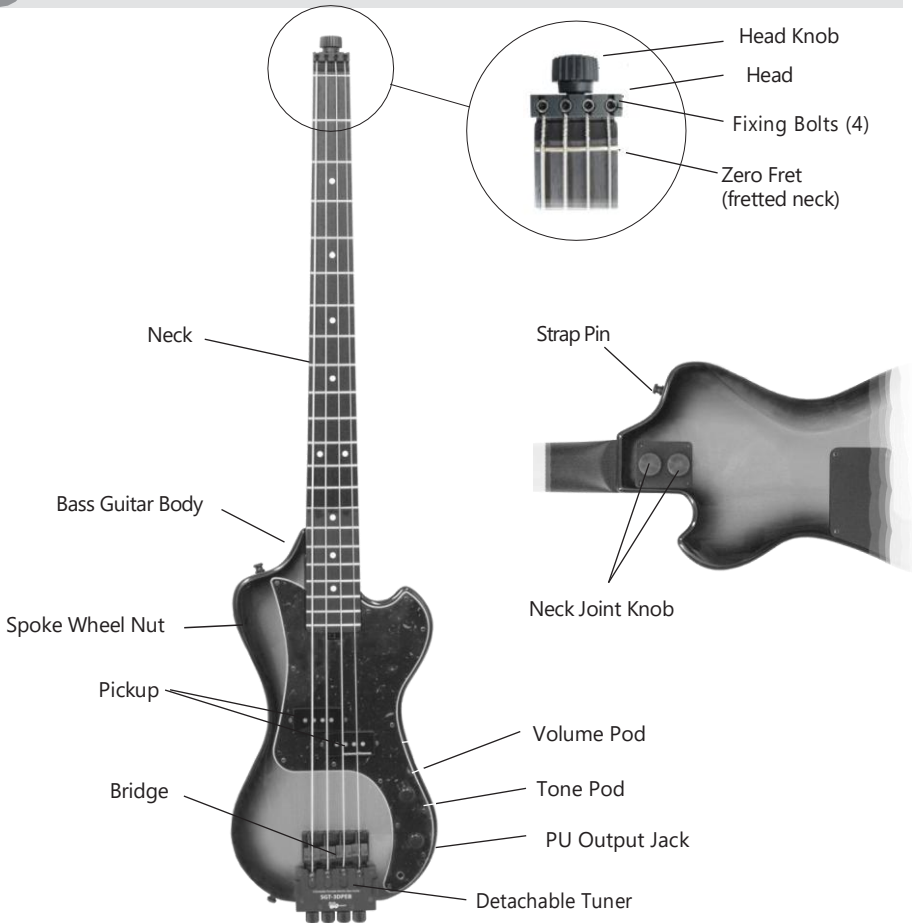
- SGT-3DPEB Dedicated Hard Case 1
- SGT-3DPEB Bass Guitar Body 1
- SGT-3DPEB Bass Guitar Neck 1
- SGT-3DPEB String Unit 1

#### <Accessories Included>

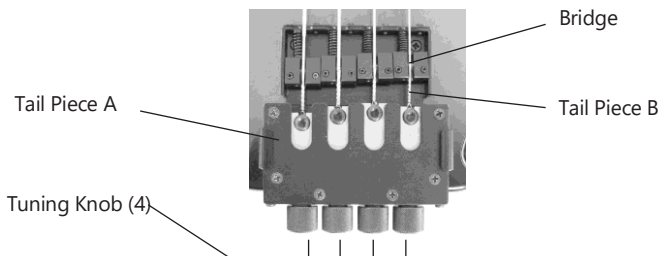
- Strap Lock Pin 2
- Hexagonal Wrench (M3) 1
- Hexagonal Wrench (M6) 1
- Hexagonal Wrench (M8) 1
- Wrench for Spoke Wheel Nut 1
- Stubby Driver 1
- SGT-3DPEB Owner's Manual 1
- Warranty Certificate 1



## 4 Name of Each Part



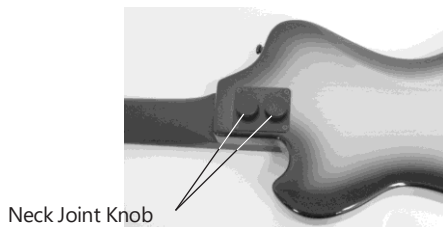
### Detachable Tuner



## 5 Assembly

(When purchased with a hard case, or when assembling a bass guitar that is already divided into three parts)

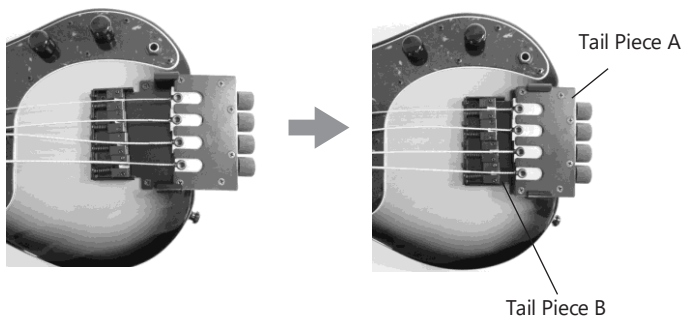
5-1. Remove the body and neck, set the neck onto the designated position on the body, and tighten the two neck joint knobs firmly. You do not need to apply excessive force; tightening them securely by hand is sufficient for an adult.



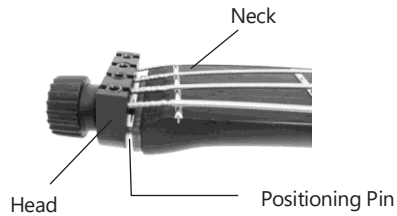
After the neck is attached, place the bass guitar face-up on a table or other flat surface to proceed.



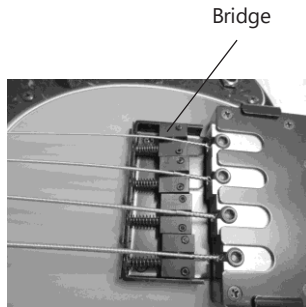
5-2. Attach Tail Piece A of the string unit to Tail Piece B.



5-3. Attach the head to the neck. Align the positioning pin and bolt on the head side with the designated positions, and tighten them.



5-4. Align the 1st through 4th strings with the designated positions on the bridge.



## 6 Tuning

Please connect a cable-type bass guitar tuner and set the volume pod to maximum.

(Note: Tuners that detect body vibration may not attach properly and may not allow accurate tuning.)

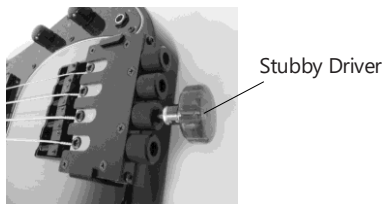


★ Tune the strings in the following order: 4th → 3rd → 2nd → 1st.

6-1. When the 4th string is in tune, proceed to tune the 3rd string (A string).  
Tune the 2nd string (D) and the 1st string (E) in the same manner.

6-2. Repeat Step 6-1 until all strings are properly tuned.

Note: If any of the tuning knobs are too tight to turn by hand, please use the included stubby driver.

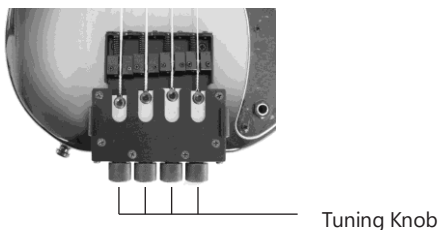


## 7 Separation of the String Unit, Neck, and Body

(When carrying the instrument in the dedicated hard case)

7-1. Turn the four tuning knobs to loosen all four strings.

(While doing this, lightly lift the strings near the 12th fret with your fingers, loosening them until the height reaches approximately 3 cm.)



7-2. Turn the head knob to remove the head, then remove Tail Piece A.

The string unit will be completely separated at this point.





7-3. Loosen the two neck joint bolts and remove the neck from the body. This completes the disassembly into three parts.



Note:

If the neck joint bolts are too tight to turn by hand, insert the supplied spoke wheel nut wrench into the bolt hole and turn it to loosen.

Once loosened, the bolts can be turned by hand.

## 8 Changing Strings

### 8-1. Removing a String

- 1) Turn the tuning knob of the string you wish to replace until the string becomes loose.
- 2) Pull the string on the tail-piece side, then loosen the M8 hex screw to remove the string.



- 3) Next, pull the string on the head side, then loosen the M6 hex screw on the head side to remove the string.



## 8-2. Stringing

- 1) Insert the smaller ball into the head side and fasten it with the M6 bolt.
- 2) Insert the larger ball (color) into the tailpiece side and fasten it with the M8 hexagon bolt.  
Note: Double-ball strings have different ball sizes on both ends, so please handle them carefully.

# 9 Adjustments

## 9-1. String Height

At the time of factory shipment, the string height is approx. 2 mm +  $\alpha$  on the 1st string side and approx. 3 mm +  $\alpha$  on the 4th string side. If you wish to adjust it further, please use the M3 hexagon screw on the bridge. Turning the M3 screw clockwise raises the string height, and turning it counterclockwise lowers it. Adjust both screws to the same height so that the bridge grommet becomes level.



String Height Adjustment Wrench

## 9-2. Intonation Adjustment

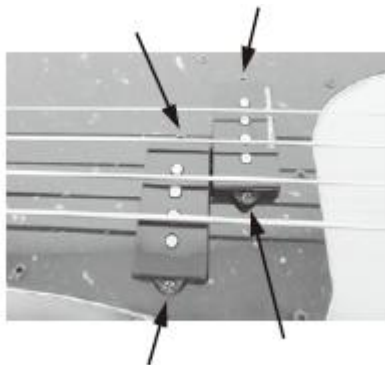
Intonation adjustment is to make the open string and the note at the 12th fret match the same tuning. While checking with a tuner, use a Phillips screwdriver from the pickup side to turn each adjustment screw on the bridge. Turning the screwdriver clockwise raises the pitch, and turning it counterclockwise lowers the pitch.



Phillips Screwdriver

### 9-3. Pickup Height Adjustment

The pickup height can be adjusted by turning the screws on both sides of the pickup with a Phillips screwdriver. Turning the screwdriver clockwise lowers the pickup, and turning it counterclockwise raises it.

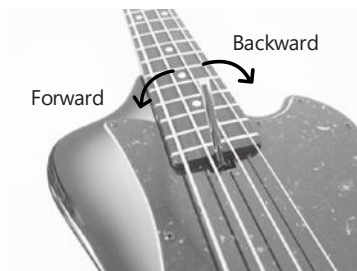


### 9-4. Neck Relief Adjustment

Adjusting the truss rod requires considerable experience. If you are not confident, please consult a specialist.

To adjust toward forward relief, place the bass guitar face up and turn the spoke wheel nut counterclockwise with the dedicated wrench. Do not turn it too much at once; adjust gradually by turning it little by little, about 5–10 degrees at a time.

To adjust toward backbow, turn the spoke wheel nut clockwise in the same manner.



## 10 Specifications

- **Body Material:** Ash
  - Body Color: 3-Tone Sunburst
  - Pickguard Color: Tortoise Shell
  - Dimensions: Length 430 mm × Width 240 mm (max) × Thickness 43 mm
- **Neck (Fretless / Fretted common)**
  - Scale: 864 mm (34 inches)
  - Material: Maple    Fingerboard: Rosewood
  - Neck Color: Black
  - Frets: Fretless with 21 fret markers
    - Fretted with 22 frets (including 0 fret)
  - Dimensions: Length 638 mm (including protrusions)
    - Width 40 mm (0F)    Width 63 mm (21F)
    - Thickness 22 mm (1F)    Thickness 24 mm (12F)
  - Radius: 300 mm R
  - Adjustable Truss Rod: Spoke Wheel Nut Type
- **Strings:** Double-ball type standard set: 1G .045 · 2D .065 · 3A .080 · 4E .100
- **Pickup:** Seymour Duncan SPB-1
- **Control:** 1 Volume · 1 Tone
- **Detachable Tuner:** SGT Original (PAT. 6809694)
- **Overall Length:** 995 mm (including protruding parts)
- **Weight:** Approx. 3.8 kg (guitar only)
- **Hard Case:** Dimensions 640 × 378 × 140                      2.8 k g



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