

[Manuals.plus](#) /

› [BexGears](#) /

› BexGears T-Style Electric Guitar Kit Instruction Manual

BexGears T

BexGears T-Style Electric Guitar Kit Instruction Manual

Model: T

INTRODUCTION

This manual provides detailed instructions for assembling, operating, and maintaining your BexGears T-Style Electric Guitar Kit. This kit includes an Okoume wood body, maple neck, composite ebony fingerboard, and all necessary electronic parts to build your own electric guitar. Please read all instructions carefully before beginning assembly. If your physical instruction manual is lost, a PDF version can be provided upon request from the seller.

PARTS OVERVIEW

Your BexGears T-Style Electric Guitar Kit includes the following main components:

- Okoume Wood Body
- Maple Neck with Composite Ebony Fingerboard
- White Pickguard
- Bridge Assembly with Pickups
- Control Plate with Knobs and Switch
- Tuning Machines
- Output Jack
- Neck Plate and Screws
- Strings
- Various Screws, Washers, and Wiring Connectors



Image: Main components of the BexGears T-Style Electric Guitar Kit, including the Okoume wood body and maple neck.

SETUP AND ASSEMBLY

Follow these steps to assemble your electric guitar kit. A detailed video guide is also provided below for visual assistance.

Step 1: Install Tuning Machines

Attach the tuning machines to the headstock of the maple neck. Ensure they are oriented correctly before securing them with screws and washers.

Video: Detailed assembly guide for the BexGears DIY Electric Guitar Kit, including tuner installation, wiring, and final assembly.

Step 2: Install Output Jack

Insert the output jack into its designated hole on the side of the guitar body and secure it with the provided screws.

Step 3: Wire Controls and Pickups

Connect the pre-wired control plate (volume, tone knobs, and pickup selector switch) to the pickups and output jack. The kit features plug-and-play connectors for simplified wiring.



Image: Close-up of the wiring connections for the control plate and pickups.

Step 4: Attach Bridge Assembly

Position the bridge assembly over the rear pickup cavity and align it with the pre-drilled holes. Secure it firmly with the appropriate screws.

Step 5: Attach Neck to Body

Carefully insert the neck into the neck pocket of the body. Place the neck plate over the four holes on the back of the body and secure the neck using the long screws provided.

Step 6: String the Guitar

Install the strings by feeding them through the bridge and winding them onto the tuning machines. Use a string winder for convenience.

Step 7: Basic Setup

After stringing, perform basic setup adjustments for optimal playability. This includes:

- **Action Adjustment:** Adjust the height of the bridge saddles to achieve your desired string action.
- **Intonation Adjustment:** Use a tuner to set the intonation by adjusting the saddle screws so that the fretted note at the 12th fret matches the harmonic at the 12th fret.
- **Truss Rod Adjustment:** If necessary, adjust the truss rod to achieve proper neck relief. This is typically done with an Allen key.

OPERATING YOUR ELECTRIC GUITAR

Once assembled and set up, your BexGears electric guitar is ready to play.

- **Connecting to an Amplifier:** Use a standard 1/4-inch instrument cable to connect the guitar's output jack to an amplifier.
- **Volume and Tone Controls:** Use the volume knob to control the overall output level and the tone knob to adjust the treble response.
- **Pickup Selector Switch:** The 3-way switch allows you to select between the neck pickup, bridge pickup, or both pickups combined, offering different tonal characteristics.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your guitar.

- **Cleaning:** Wipe down the body, neck, and strings with a soft, dry cloth after each use. Use guitar-specific cleaning products for deeper cleaning.
- **String Replacement:** Replace strings regularly, typically every 1-3 months depending on usage, to maintain tone and playability.
- **Fretboard Care:** Condition the composite ebony fingerboard periodically with a suitable fretboard oil to prevent drying and cracking.
- **Hardware Check:** Periodically check all screws and nuts for tightness, especially on the tuning machines, bridge, and neck plate.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
No Sound	Loose wiring connection, faulty cable, amplifier issues.	Check all wiring connections, test with a different cable/amplifier.
Buzzing Strings	Low action, uneven frets, incorrect neck relief.	Adjust saddle height, check neck relief (truss rod), or consult a guitar technician for fret leveling.
Poor Tuning Stability	Improper string winding, loose tuning machines, worn nut.	Ensure strings are wound correctly, tighten tuning machine screws, lubricate or replace the nut if worn.
Weak Output	Pickup height too low, faulty pickup.	Adjust pickup height closer to the strings, check pickup wiring.

SPECIFICATIONS

- **Body Material:** Okoume Wood
- **Neck Material:** Maple
- **Fretboard Material:** Composite Ebony
- **Number of Strings:** 6
- **Guitar Pickup Configuration:** S-S (Single-Single)
- **Guitar Bridge System:** Fixed
- **Hand Orientation:** Right
- **Connector Type:** 1/4" (6.35mm) mono phone plug
- **String Material:** Stainless Steel
- **Package Dimensions:** 30 x 19 x 3 inches

WARRANTY AND SUPPORT

For any questions, missing parts, or technical assistance, please contact BexGears customer support. If your instruction manual is lost, a PDF version can be provided.

Please refer to the seller's return policy for information regarding product returns or replacements.