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Vangoa DG120 Pro

Vangoa DG120 Pro 12-String Acoustic-Electric Guitar User Manual

Model: DG120 Pro | Brand: Vangoa

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Vangoa DG120 Pro 12-String Acoustic-Electric Guitar. Designed for both beginners and intermediate players, this full-size guitar offers a rich, resonant sound and versatile electroacoustic capabilities. Please read these instructions carefully to ensure optimal performance and longevity of your instrument.



Figure 1: Vangoa DG120 Pro 12-String Acoustic-Electric Guitar

2. PRODUCT OVERVIEW

The Vangoa DG120 Pro is a full-size 12-string acoustic-electric guitar featuring a spruce top and sapele back & sides, designed to produce a bright and resonant tone. It includes a built-in 4-band EQ and tuner for amplified performance and precise tuning.

Key Features:

- **12-String Configuration:** Produces a thicker, more ringing tone than a standard six-string guitar. Lower four courses are tuned in octaves, upper two in unison.
- **Premium Wood Construction:** AAA spruce wood top and high-quality sapele wood back & sides for balanced clarity, warmth, and projection.
- **Bone Nut and Saddle:** Enhances sound quality, sustain, and playability.
- **Upgraded Built-in Pickup System:** Features a 4-band EQ (Bass, Middle, Treble, Presence) and a built-in tuner for amplified use and sound shaping.
- **Precise Tuning Pegs:** Zinc alloy 18:1 fully closed tuning pegs ensure stable and accurate tuning.
- **Practical Design:** Smooth rounded fret ends, low action, comfortable C-shape neck, and an adjustable truss rod for enhanced playability and durability.



Figure 2: Overview of the Vangoa DG120 Pro 12-String Acoustic-Electric Guitar.

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Video 1: DG120 Pro 12 Strings Guitar - Product Showcase. This video provides a visual overview of the guitar's features and design.

3. SETUP

3.1 Unboxing and Initial Inspection

Upon receiving your Vangoa DG120 Pro, carefully open the packaging. The guitar comes with a comprehensive kit of accessories to get you started:

- Gig Bag
- Clip-on Digital Tuner
- Guitar Strap
- Guitar Cable
- Guitar Picks
- Capo
- Extra Set of 12-String Guitar Strings
- Allen Wrench (for truss rod adjustment)
- Polishing Cloth

Inspect the guitar for any visible damage during shipping. Remove all protective packaging, including any paper or plastic wrapped around the strings.

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Video 2: DG120 Pro 12 Strings Guitar - Unboxing Video. This video demonstrates the unboxing process and included accessories.

3.2 Initial Tuning

A 12-string guitar requires careful tuning due to the doubled strings. Use the provided clip-on digital tuner or the guitar's built-in tuner for accuracy. The lower four courses are typically tuned in octaves, and the upper two in unison. New strings may stretch and require frequent re-tuning initially.

18:1 Fully Closed Zinc Alloy Tuning Pegs

Easy to tune and keep tune, faster, more stable



Figure 3: Close-up of the 18:1 zinc alloy tuning pegs for precise tuning.

3.3 Truss Rod Adjustment

The guitar is equipped with an adjustable truss rod to maintain neck straightness and optimize action. If you experience fret buzz or find the action too high/low, minor adjustments may be necessary. Use the included Allen wrench for this purpose. It is recommended to make small, incremental adjustments and allow the neck to settle before further changes. If unsure, consult a professional guitar technician.



Figure 4: Location for truss rod adjustment.

4. OPERATING INSTRUCTIONS

4.1 Acoustic Play

The Vangoa DG120 Pro delivers a full-bodied, resonant acoustic sound. Experiment with different strumming and picking techniques to explore its rich tonal qualities. The spruce top and sapele body contribute to a balanced sound suitable for various musical styles.

4.2 Acoustic-Electric Functionality

For amplified performances, connect your guitar to an amplifier or PA system using the provided guitar cable. The built-in preamp system allows you to shape your sound and ensure optimal output.

- **4-Band EQ:** Use the Bass, Middle, Treble, and Presence sliders to adjust the tonal characteristics of your amplified sound.
- **Volume Control:** Adjust the overall output level of the guitar when plugged in.
- **Built-in Tuner:** Activate the tuner on the preamp panel to quickly and accurately tune your guitar during performances or practice.
- **Phase Switch:** This switch can help reduce feedback in amplified settings by inverting the phase of the signal.

Exquisite Gloss Finish

Made of high-definition glossy surface, with crafted wood grain bindings and beautiful soundhole rosette, elegant and pretty!



Figure 5: Close-up of the 4-band EQ and built-in tuner panel.

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Video 3: DG120 Pro 12 Strings Guitar - Demo Song Playing. This video showcases the guitar's sound in a playing context.

5. MAINTENANCE

5.1 Cleaning

Regularly wipe down your guitar with the provided polishing cloth to remove dust, fingerprints, and sweat. Avoid abrasive cleaners or solvents that could damage the glossy finish.

5.2 String Replacement

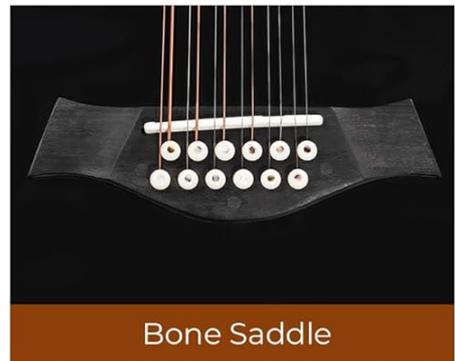
Strings should be replaced periodically to maintain optimal tone and playability. The guitar comes with an extra set of 12-string phosphor bronze strings. When replacing strings, do so one at a time to maintain neck tension. Ensure proper seating of the strings in the bone nut and saddle.

Excellent Sound Quality

Adopts AAA spruce wood as top, high quality sapele wood as back & sides, bone nut and bone saddle, producing bright and resonant sound.



Bone Nut



Bone Saddle

Figure 6: Close-up of the bridge and bone saddle.

5.3 Storage

Always store your guitar in its gig bag when not in use to protect it from dust, humidity changes, and accidental damage. Avoid exposing the guitar to extreme temperatures or direct sunlight.

6. TROUBLESHOOTING

- **Tuning Instability:** New strings require stretching. Tune frequently during the first few playing sessions. Ensure strings are properly wound around tuning pegs.
- **Fret Buzz:** This can often be resolved with a minor truss rod adjustment. Refer to section 3.3 or consult a professional.
- **No Sound When Plugged In:** Check the guitar cable connection, amplifier power, and ensure a fresh 9V battery is installed in the guitar's preamp.

7. SPECIFICATIONS

Feature	Specification
Model	DG120 Pro
Body Material	Sapele
Top Material	Spruce Wood (AAA)
Back Material	Sapele
Neck Material Type	Okoume Wood
Fretboard Material	Ultra-high density technology wood with inlays
Number of Strings	12
String Material	Phosphor Bronze
Guitar Bridge System	Fixed
Guitar Pickup Configuration	S (Single)
Item Weight	11.03 pounds
Product Dimensions	43.2 x 15.7 x 4.7 inches
Color	Black

8. WARRANTY AND SUPPORT

For any questions, concerns, or support needs regarding your Vangoa DG120 Pro guitar, please refer to the contact information provided in your product packaging or visit the official Vangoa website. Specific warranty details are typically included with your purchase documentation.