

Vangoa VDA-40

Vangoa VDA-40 40W Electric Drum Amplifier User Manual

Model: VDA-40 | Brand: Vangoa

INTRODUCTION

The Vangoa VDA-40 Electric Drum Amplifier is a professional 40W amplifier speaker designed for electronic drums, keyboards, and other instruments. It features multiple inputs, a 3-band equalizer, and wireless connectivity, providing clear and powerful sound projection for various performance settings. This manual provides essential information for setting up, operating, and maintaining your amplifier.

KEY FEATURES

- **Extraordinary Sound Performance:** Equipped with an 8-inch woofer and a 2-inch tweeter, this amplifier delivers robust low frequencies and clear transient response, ensuring excellent sound coverage and impact.
- **40W Multifunctional Amplifier:** With a high output power of 40 watts, the VDA-40 is suitable for indoor and outdoor performances, including drum practice, studio recording, street performances, karaoke, and live stage events.
- **Rich Features and Intuitive Controls:** The amplifier features a user-friendly control panel on the top. It includes inputs for a microphone and two instruments, along with wireless connectivity for playing background music. Individual volume controls allow for precise mixing.
- **Precise Tuning:** A 3-band equalizer with comfortable knobs enables adjustment of high, medium, and low frequencies, allowing users to shape the sound to their preference.
- **Ultra Durable and Portable:** Constructed with hard materials for enhanced durability, the amplifier also features a comfortable leather handle for easy transport. Its tilt-upward design optimizes sound distribution and access to controls.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the amplifier from its packaging. Inspect for any signs of damage.

2. **Placement:** Position the amplifier on a stable, flat surface. The tilt-upward design is ideal for directing sound towards the performer and audience.
3. **Power Connection:** Connect the provided power cable to the amplifier's power input and then to a suitable electrical outlet.
4. **Instrument Connection:**
 - For electronic drums, keyboards, or guitars, use standard 6.35mm (1/4 inch) jack cables to connect your instruments to the 'INPUTS 1' or 'INPUTS 2' jacks.
 - For microphones, connect to the 'MIC' input.
 - For external audio sources (phone, computer, MP3 player), use the 'AUX' input.
5. **Power On:** Flip the 'POWER' switch to the ON position. The power indicator light will illuminate.



Figure 1: Overview of amplifier inputs and connections.

OPERATING INSTRUCTIONS

Volume Controls

- **MIC VOL:** Adjusts the volume level for the connected microphone.
- **INPUTS 1 & 2:** Each input has its own volume control for connected instruments.
- **MASTER:** Controls the overall output volume of the amplifier.

Equalizer (EQ)

The 3-band equalizer allows you to fine-tune the amplifier's tone:

- **BASS:** Adjusts the low-frequency response. Turn clockwise for more bass, counter-clockwise for less.
- **MID:** Adjusts the mid-range frequency response.
- **TREBLE:** Adjusts the high-frequency response. Turn clockwise for brighter sound, counter-clockwise for a warmer tone.



Figure 2: Adjusting the 3-band equalizer for desired sound.

Wireless Connectivity (Bluetooth)

To connect a Bluetooth device:

1. Ensure the amplifier is powered on.
2. Activate Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Search for available devices and select "Vangoa VDA-40" (or similar name).
4. Once paired, you can play background music wirelessly through the amplifier.

USB Playback/Recording

The USB port supports MP3 format for playback and can also be used for recording.

- Insert a USB drive with MP3 files into the USB port.
- Use the playback controls (play/pause, next/previous track, volume +/-) located near the USB port to manage your audio.



Figure 3: USB and Bluetooth controls for external audio.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive

materials.

- **Storage:** Store the amplifier in a dry, cool place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the amplifier to prevent overheating. Do not block any vents.
- **Power Cable:** Regularly check the power cable for any damage. If damaged, replace it immediately with an appropriate cable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected, outlet not working, power switch off.	Check power cable connection, try a different outlet, ensure power switch is ON.
No sound output	Volume knobs too low, instrument cable faulty, incorrect input selected, instrument not powered.	Increase MASTER and individual input volumes. Check instrument cable and connection. Ensure instrument is powered and functioning.
Bluetooth not connecting	Bluetooth not enabled on device, amplifier not in pairing mode, device too far.	Ensure Bluetooth is active on your device and the amplifier. Move device closer to the amplifier.
Distorted sound	Volume too high, EQ settings incorrect, faulty cable.	Reduce MASTER or input volume. Adjust EQ settings. Try a different cable.

SPECIFICATIONS

Feature	Detail
Brand	Vangoa
Model Name	VDA-40
Output Wattage	40 Watts
Speaker Size	8 Inches (Woofer), 2 Inches (Tweeter)
Number of Bands (EQ)	3
Output Channel Quantity	3 (Mic, Input 1, Input 2)
Compatible Devices	Electronic Drums, Keyboard, Guitar, Banjo, Mandolin
Connector Type	6.35mm Jack, USB
Wireless Connectivity	Bluetooth
Power Source	Corded Electric
Material	MDF (Enclosure)
Color	Black

PRODUCT VIDEOS

Vangoa 40W Drum Amp Professional Drum Amplifier Speaker

This video provides a general overview and demonstration of the Vangoa 40W Drum Amplifier's features and sound capabilities.

Vangoa 40W Professional Drum Amplifier with 3 Band EQ

A short video highlighting the 3-band equalizer and its impact on the amplifier's sound.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Vangoa website or contact their customer service department. Keep your purchase receipt for warranty claims.

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