

Warwick W BC 80 230V

Warwick BC 80 Bass Combo Amplifier User Manual

Model: W BC 80 230V

INTRODUCTION

Thank you for choosing the Warwick BC 80 Bass Combo Amplifier. This manual provides essential information for the safe and efficient operation of your new amplifier. Please read it thoroughly before use and retain it for future reference.



Figure 1: Front view of the Warwick BC 80 Bass Combo Amplifier, showcasing the control panel and speaker grille.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electric shock, fire, or damage to the amplifier, please observe the following precautions:

- Read these instructions.
- Keep these instructions.

- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

KEY FEATURES

The Warwick BC 80 Bass Combo Amplifier is designed to deliver powerful and clear bass tones. Its main features include:

- **Output Power:** 80 Watts RMS, providing ample volume for practice and small gigs.
- **Speaker Configuration:** Equipped with a custom 12-inch Warwick speaker for robust low-end response.
- **High-Frequency Horn:** Features a 2-inch high-frequency horn for enhanced clarity and articulation.
- **4-Way Equalizer:** Comprehensive tone shaping with Bass, Low Mid, High Mid, and Treble controls.
- **Integrated Compressor:** Built-in compression for dynamic control and sustain.
- **Auxiliary Input:** Allows connection of external audio devices for practice.
- **Headphone Output:** For silent practice.
- **Effects Loop:** Send and Return jacks for integrating external effects pedals.
- **Line Out:** For direct connection to mixing consoles or recording interfaces.



Figure 2: Angled view of the amplifier, highlighting its compact design and robust construction.

SETUP GUIDE

Follow these steps to set up your Warwick BC 80 amplifier:

1. **Unpacking:** Carefully remove the amplifier from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Place the amplifier on a stable, level surface. Ensure adequate ventilation around the unit. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Ensure the amplifier's power switch is in the OFF position. Connect the supplied power cord to

the amplifier's AC inlet and then to a grounded electrical outlet (230V).

4. **Instrument Connection:** Connect your bass guitar to either the **ACTIVE** or **PASSIVE** input jack using a high-quality instrument cable.
 - Use the **ACTIVE** input for instruments with active pickups (higher output).
 - Use the **PASSIVE** input for instruments with passive pickups (standard output).
5. **Auxiliary Devices (Optional):** If using an external audio source (e.g., MP3 player, phone), connect it to the **AUX IN** jack using a stereo 3.5mm cable.
6. **Headphones (Optional):** For silent practice, connect headphones to the **HP** (Headphone) jack. This will mute the main speaker.
7. **Effects Loop (Optional):** To integrate external effects, connect the **SEND** jack to the input of your effect pedal and the output of your effect pedal to the **RETURN** jack.
8. **Line Out (Optional):** For connecting to a mixing console or recording interface, use the **LINE OUT** jack.



Figure 3: Rear panel of the amplifier, detailing the power input, effects loop, ground lift, and line out connections.

OPERATING INSTRUCTIONS

Once set up, follow these steps to operate your amplifier:

1. **Power On:** Ensure all volume controls are set to minimum. Flip the **POWER** switch to the ON position. The power indicator light will illuminate.
2. **Volume Adjustment:** Slowly increase the **VOLUME** knob to your desired listening level.
3. **Equalizer Controls:**
 - **BASS:** Adjusts the low-frequency response. Turn clockwise for more bass, counter-clockwise for less.

- **LOW MID:** Controls the lower-midrange frequencies, affecting the punch and warmth.
- **HIGH MID:** Controls the upper-midrange frequencies, influencing clarity and presence.
- **TREBLE:** Adjusts the high-frequency response. Turn clockwise for more brightness, counter-clockwise for a warmer tone.

Experiment with these controls to find your preferred tone.

4. **Compression:** The **COMPRESSION** knob controls the amount of dynamic range reduction. Turn clockwise for more sustain and a more even sound. The **COMPRESSION ON** indicator light will show when the compressor is active.
5. **Auxiliary Volume:** The **AUX IN** knob controls the volume of the connected auxiliary device.
6. **Ground Lift:** The **GROUND LIFT** switch on the rear panel can be used to eliminate hum or buzz caused by ground loops when connecting to external equipment via the Line Out.
7. **Power Off:** Before powering off, turn down the **VOLUME** knob. Then, flip the **POWER** switch to the OFF position.



Figure 4: Detailed view of the amplifier's control panel, showing all knobs and input jacks.

MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Warwick BC 80 amplifier:

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe down the exterior. Do not use abrasive cleaners, solvents, or waxes.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris. Do not obstruct them.

- **Storage:** When not in use for extended periods, store the amplifier in a dry, cool environment, away from extreme temperatures and humidity.
- **Transportation:** Use the integrated handle for carrying. Ensure the amplifier is securely placed during transport to prevent physical damage.



Figure 5: Top view of the amplifier, highlighting the sturdy carrying handle for portability.

TROUBLESHOOTING

If you encounter issues with your amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound	Power cord not connected. Power switch OFF. Volume knob set to minimum. Instrument cable faulty or not connected. Headphones connected.	Ensure power cord is securely plugged in. Turn power switch ON. Increase VOLUME knob. Check/replace instrument cable; ensure it's fully inserted. Unplug headphones.

Problem	Possible Cause	Solution
Humming or buzzing noise	Ground loop. Faulty instrument cable. Interference from other electronic devices.	Engage the GROUND LIFT switch on the rear panel. Try a different instrument cable. Move amplifier away from other electronics.
Distorted sound	Input signal too hot (active pickups into passive input). Volume too high.	If using active pickups, connect to the ACTIVE input. Reduce the VOLUME knob or the output from your instrument.

If the problem persists after trying these solutions, please contact qualified service personnel.

TECHNICAL SPECIFICATIONS

- **Brand:** Warwick
- **Model Number:** W BC 80 230V
- **Compatible Devices:** Bass Guitar
- **Output Power:** 80 Watts
- **Speaker:** 1 x 12" Warwick Custom Speaker
- **Horn:** 2" High-Frequency Horn
- **Equalizer:** 4-band (Bass, Low Mid, High Mid, Treble)
- **Material:** Metal chassis, carpet covering
- **Item Weight:** Approximately 21.5 kg (47.4 lbs)
- **Power Requirement:** 230V
- **ASIN:** B004V49C14
- **International Article Code (EAN):** 04033685600049

WARRANTY INFORMATION

Warwick products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region. Please retain your proof of purchase for warranty claims. For detailed warranty information, please refer to the official Warwick website or contact your local distributor.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to arrange for service, please contact Warwick customer support or your authorized dealer. You can find contact information on the official Warwick website:

www.warwick.de

Please have your model number (W BC 80 230V) and serial number (if applicable) ready when contacting support.

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