

Behringer RD-78

Behringer RD-78 Classic Analog Drum Machine Instruction Manual

Model: RD-78 | Brand: Behringer

1. INTRODUCTION

The Behringer RD-78 Classic Analog Drum Machine is a versatile instrument designed for music production and live performance. It combines vintage charm with modern functionality, offering a rich palette of drum sounds and rhythmic possibilities.

Key Features:

- **15 Authentic Drum Sounds:** Enjoy a variety of classic analog drum sounds, perfect for a wide range of music genres and production styles.
- **34 Rhythm Presets:** Choose from 34 iconic rhythm patterns to kickstart your creative process or enhance your live performances.
- **16-Step Sequencer:** Program intricate beats with ease using the intuitive 16-step sequencer for complex rhythms and creative flexibility.
- **Simple and Intuitive Interface:** Designed with ease of use in mind, providing both beginners and professionals a seamless experience for immediate use.
- **Compact and Durable Design:** Built to withstand constant use in both studio environments and live performances, offering portability and reliability.

2. SETUP

2.1 Unpacking and Inspection

Carefully unpack your RD-78 unit and inspect it for any signs of damage during transit. Retain the packaging materials for future transport or storage.

2.2 Power Connection

Connect the included power adapter to the **POWER DC INPUT** on the rear panel of the RD-78 and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.

2.3 Audio Connections

For stereo output, connect the **OUT** jacks to your mixer or audio interface. For individual drum sound outputs, use the dedicated **VOICE OUT** jacks for each instrument (G, TB, LC/LH.B, C/CB, M, MB, CY/HH, CP/RS, SD, BD).

Use the **PHONES** jack for headphone monitoring.

2.4 MIDI and USB Connections

Connect the **MIDI IN** and **MIDI OUT/THRU** ports to other MIDI devices for synchronization or control. The **USB** port allows for MIDI over USB connection to a computer.



Figure 1: Rear panel connections of the Behringer RD-78. This image displays the various input and output ports including individual voice outs, mix out, MIDI in/out/thru, USB, and power input.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Flip the **POWER** switch on the rear panel to the ON position to power on the unit. To power off, flip the switch back to OFF.

3.2 Basic Rhythm Playback

To start a rhythm, press the **START/STOP** button. To stop, press it again. Adjust the overall tempo using the **TEMPO** knob.



Figure 2: Top-down view of the RD-78. This image highlights the main control panel, including the tempo knob, instrument selection, pattern controls, and the 16-step sequencer buttons.

3.3 Selecting Instruments and Patterns

Use the **TRACK INSTRUMENT** section to select individual drum sounds. The **TRACK PATTERN** section allows you to select and switch between the 34 built-in rhythm presets.

3.4 Programming a 16-Step Sequence

1. Press the **WRITE** button in the **TRACK PATTERN** section.
2. Select an instrument using the **INSTRUMENT** buttons.
3. Use the 16 step buttons (1-16) to add or remove steps for the selected instrument.
4. Repeat for other instruments to build your desired pattern.
5. Press **WRITE** again to exit pattern write mode and save your changes.



Figure 3: Angled view of the RD-78. This image provides a clearer perspective of the knobs and buttons for instrument selection and pattern programming.

3.5 Adjusting Sound Parameters

Each drum sound has dedicated knobs for adjusting parameters like **LEVEL**, **DECAY**, and **TONE**. Experiment with these controls to shape your sounds.

3.6 Variation and Fade Controls

The **VARIATION** section allows for adding fills and breaks to your patterns. The **FADE** section controls the fade-in/out duration of the rhythm.



Figure 4: Close-up angled view of the RD-78. This image focuses on the variation, fade, and volume controls, essential for dynamic performance.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Behringer RD-78, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care to prevent physical damage to knobs, buttons, and connectors.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty.	Check power adapter connection and power outlet. Try a different outlet.
No sound output	Audio cables not connected correctly or volume too low.	Verify audio cable connections to mixer/interface. Increase RD-78 volume and mixer channel volume.
MIDI not working	Incorrect MIDI settings or cable connection.	Check MIDI cable connections. Ensure correct MIDI channel settings on both RD-78 and external device.

Problem	Possible Cause	Solution
Sequencer not playing	START/STOP button not pressed or tempo set to zero.	Press START/STOP. Adjust TEMPO knob to a suitable speed.

6. SPECIFICATIONS

Feature	Detail
Brand	Behringer
Model Name	RD-78
Model Number	0704-AAR
Material	Alloy Steel
Item Dimensions (L x W x H)	15.5 x 7.75 x 3.62 inches
Item Weight	2.02 Pounds
UPC	787790569558
Manufacturer	Music Tribe
Connector Type	USB

7. WARRANTY AND SUPPORT

For warranty information and product support, please visit the official Music Tribe community and support pages:

- **Support:** Community.Musictribe.Com/Support

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question