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# **Behringer RD-6**

# Behringer RD-6 Analog Drum Machine User Manual

Model: RD-6-BU

# 1. Introduction

The Behringer RD-6 is an analog drum machine designed to provide classic drum sounds with modern connectivity. It features eight analog drum voices, a 16-step sequencer, and USB/MIDI integration for seamless studio workflow. This manual provides essential information for setting up, operating, and maintaining your RD-6 unit.

# 2. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions thoroughly before operating the device.
- Keep these instructions for future reference.
- · Heed all warnings and 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.
- 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.

# 3. SETUP

# 3.1 Unpacking

Carefully unpack your RD-6 unit. Inspect for any signs of damage during transit. Retain the packaging for future transport or storage.

# 3.2 Power Connection

Connect the included power adapter to the **DC INPUT** on the rear panel of the RD-6 and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.

#### 3.3 Audio Connections

The RD-6 offers various audio output options:

- MIX OUT: Connect a standard 1/4-inch TS cable from the MIX OUT jack to your mixer or audio interface for the main stereo output.
- VOICE OUT: Individual 1/4-inch TS outputs are available for each drum voice (OH/CH, CP, CY, LT/HT, SD, BD). Use these to process individual drum sounds separately.
- PHONES: Connect stereo headphones to the 1/4-inch TRS PHONES jack for monitoring.

#### 3.4 MIDI and USB Connections

The RD-6 supports MIDI and USB for integration with other musical equipment and computers:

- MIDI IN/OUT/THRU: Use standard 5-pin MIDI cables to connect the RD-6 to other MIDI devices. MIDI IN receives clock and note data, MIDI OUT sends internal clock and pattern data, and MIDI THRU passes through incoming MIDI data.
- USB: Connect a USB cable from the RD-6's USB port to your computer for MIDI communication and firmware updates.

# 3.5 Trigger Outputs

The RD-6 features two **TRIGGER OUT** jacks (1/8-inch TS) that can send trigger pulses to control external modular synthesizers or other compatible equipment.



Figure 1: Rear panel connections of the Behringer RD-6. This image displays the DC input, MIDI IN/OUT/THRU, USB port, MIX OUT, individual VOICE OUTs, and START/STOP jack.

# 4. OPERATION

#### 4.1 Front Panel Overview

The front panel of the RD-6 provides access to all controls for sound generation, sequencing, and performance.



Figure 2: Behringer RD-6 front panel. This image shows the tempo knob, accent control, individual drum voice controls, mode selector, step buttons, and distortion section.

#### 4.2 Drum Voices

The RD-6 features eight distinct analog drum voices:

- Bass Drum (BD): Controls for tone and decay.
- Snare Drum (SD): Controls for tone and snare level.
- Low Tom (LT) / High Tom (HT): Shared controls for tone and decay.
- Cymbal (CY) / Clap (CP): Shared controls for level.
- Open Hat (OH) / Closed Hat (CH): Shared controls for level.

Each voice has a dedicated level knob. The ACCENT knob globally controls the intensity of accented steps.

# 4.3 Sequencing

The RD-6 features a 16-step sequencer for creating drum patterns.

- 1. **Select Instrument:** Press the **INSTRUMENT** button and then one of the 8 instrument buttons (BD, SD, LT/HT, CY/CP, OH/CH) to select the drum voice you wish to program.
- 2. Select Mode: Turn the MODE knob to WRITE PATTERN.
- 3. **Enter Steps:** Press the **STEP** buttons (1-16) to activate or deactivate the selected instrument on that step. An illuminated LED indicates an active step.
- 4. Add Accent: While in WRITE PATTERN mode, hold the ACCENT button and press a STEP button to add an accent to that step.
- 5. Save Pattern: After programming, turn the MODE knob to PLAY PATTERN. The pattern is automatically saved.
- 6. Start/Stop: Press the START/STOP button to begin or end pattern playback.
- 7. **Tempo:** Adjust the playback speed using the **TEMPO** knob.

# 4.4 Pattern Chaining

You can chain multiple patterns to create longer sequences or full songs. The RD-6 supports chaining up to 250 bars.

#### 4.5 Distortion

The RD-6 includes a built-in distortion effect. Use the **DISTORTION ON/OFF** switch to activate it. Adjust the **TONE** and **LEVEL** knobs to shape the distortion effect.

# 5. MAINTENANCE

# 5.1 Cleaning

Clean the unit with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure the unit is powered off and unplugged before cleaning.

# 5.2 Storage

When not in use for extended periods, store the RD-6 in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for storage and transport.

# 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Volume knob is low; cables are not connected correctly; external mixer/interface input is muted or low.	Increase the RD-6's VOLUME knob. Check all audio cable connections. Verify input levels on your mixer or audio interface.
RD-6 does not respond to MIDI.	Incorrect MIDI cable connection; MIDI channel mismatch; external device not sending MIDI clock/note data.	Ensure MIDI cables are connected correctly (OUT to IN, IN to OUT).  Check MIDI channel settings on both the RD-6 and the external device.  Verify the external device is sending the expected MIDI data.
Patterns are not playing back.	Unit is in WRITE mode; START/STOP button not pressed; external MIDI clock is not running.	Ensure the MODE knob is set to PLAY PATTERN. Press the START/STOP button. If syncing to external MIDI, ensure the external MIDI clock is active and sending data.

# 7. SPECIFICATIONS

Feature	Detail
Model	RD-6
Drum Voices	8 Analog Drum Voices (Bass Drum, Snare Drum, Low Tom, High Tom, Cymbal, Clap, Open Hat, Closed Hat)
Sequencer	16-step, up to 250 bars pattern chaining
Connectivity	USB, MIDI In/Out/Thru, 2x Trigger Outputs, Mix Out, Individual Voice Outs, Phones Out
Dimensions (L x W x H)	17.25 x 8.9 x 3.85 inches (43.8 x 22.6 x 9.8 cm)

Feature	Detail
Weight	2.79 pounds (1.27 kg)
Material	Alloy Steel
Power	DC 9V, 300mA (via included power adapter)
UPC	644216635702

# 8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Behringer website or contact your local distributor. Keep your proof of purchase for warranty claims.

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# **Related Documents - RD-6**



# Behringer LM DRUM User Manual

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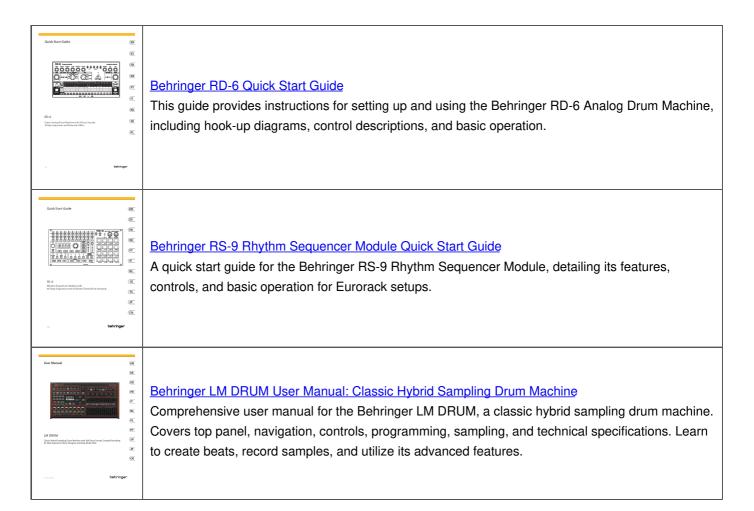
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# Behringer LM DRUM Classic Hybrid Sampling Drum Machine User Guide

This comprehensive user guide provides detailed information on operating and programming the Behringer LM DRUM Classic Hybrid Sampling Drum Machine. It covers specifications, safety instructions, panel controls, MIDI and USB connectivity, sequencing, sampling, sound design with the Wave Designer and Analog Filter, and rear panel connections.



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Behringer RHYTHM DESIGNER RD-6-SR Analog Drum Machine with 8 Drum Sounds, 64 Step Sequencer and Distortion Effects, Compatible with PC and Mac

#### User Manual of Product 2

Behringer TD-3-SR Analog Bass Line Synthesizer with VCO, VCF, 16-Step Sequencer, Distortion Effects and 16-Voice Poly Chain

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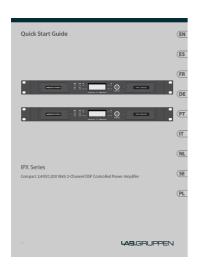
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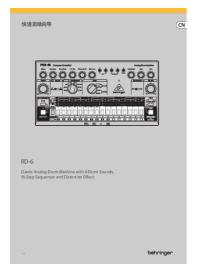
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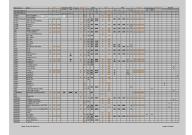
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# Behringer RD-6 Quick Start Guide

This guide provides instructions for setting up and using the Behringer RD-6 Analog Drum Machine, including hook-up diagrams, control descriptions, and basic operation. lang:en score:10 filesize: 2.7 M page\_count: 30 document date: 2023-08-25



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# Woodbrass Compatible Devices List

A comprehensive list of compatible devices for the MyVolts AA927MS cable, covering a wide range of audio equipment brands and models.

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