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Behringer RD-6-LM

Behringer RD-6-LM Analog Drum Machine - User Manual

Model: RD-6-LM

INTRODUCTION

The Behringer RD-6-LM is an analog drum machine designed to deliver classic drum sounds with modern connectivity. Featuring true analog circuitry, this instrument provides 8 distinct drum voices and a versatile 16-step sequencer, making it an essential tool for electronic music production and live performance. Its compact design and robust feature set offer both vintage character and contemporary functionality.



Figure 1: Behringer RD-6-LM Analog Drum Machine (Top View)

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your RD-6-LM drum machine. Please read it thoroughly to ensure proper use and to maximize your experience with this powerful instrument.

SETUP

1. Unpacking and Inspection

Carefully remove the RD-6-LM from its packaging. Inspect the unit for any signs of damage during transit. Ensure all included components, such as the power adapter and any documentation, are present. The product typically includes a bag for transport or storage.

2. Power Connection

Connect the provided power adapter to the **POWER DC INPUT** port on the rear panel of the RD-6-LM. Plug the adapter into a suitable electrical outlet. The unit operates on 230 Volts. Ensure the power switch is in the OFF position before connecting power.

3. Audio Connections

The RD-6-LM offers various audio output options:

- **MIX OUT:** Connect a standard 1/4-inch TS cable from the MIX OUT jack to your mixer, audio interface, or amplifier for the main stereo output.
- **VOICE OUTS:** Individual 1/8-inch TS outputs are available for each drum voice (CH/CK, CP, LT/HT, SD, BD). These allow for separate processing and mixing of each drum sound.
- **PHONES:** Connect headphones to the 1/4-inch PHONES jack for monitoring.

4. MIDI and USB Connectivity

The RD-6-LM supports both traditional MIDI and USB MIDI for external control and synchronization:

- **MIDI IN/OUT/THRU:** Use standard 5-pin MIDI cables to connect to other MIDI devices. MIDI IN receives MIDI data, MIDI OUT sends MIDI data, and MIDI THRU passes incoming MIDI data directly through.
- **USB:** Connect the RD-6-LM to a computer using a USB cable for MIDI communication, allowing integration with Digital Audio Workstations (DAWs) and other software.

5. Sync and Trigger Connections

For synchronization with other analog gear:

- **SYNC IN/OUT:** Use 1/8-inch TS cables for analog clock synchronization with compatible devices.
- **TRIGGER OUT:** Two 1/8-inch TS trigger outputs are available for controlling external synthesizers or modules.

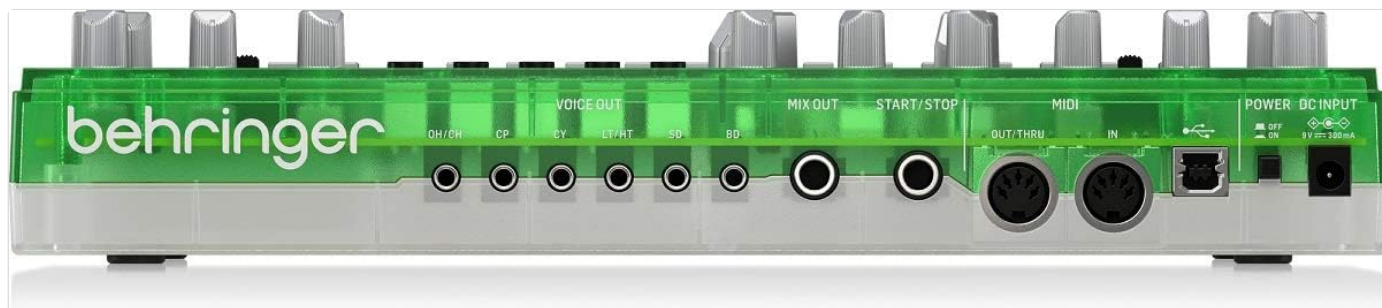


Figure 2: Rear Panel Connections

OPERATING INSTRUCTIONS

1. Powering On

Once all connections are made, flip the **POWER** switch on the rear panel to the ON position. The unit's indicators will illuminate.

2. Basic Pattern Creation (16-step Sequencer)

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

- **SELECT:** Use the SELECT knob to choose the drum instrument you wish to program (Bass Drum, Snare Drum, Low Tom, High Tom, Cymbal, Open Hi-Hat, Closed Hi-Hat, Hand Clap).
- **MODE:** Set the MODE switch to "WRITE" to enter pattern programming mode.
- **Step Buttons (1-16):** Press the corresponding step buttons to activate or deactivate the selected drum instrument on that step. An illuminated button indicates an active step.
- **WRITE/NEXT:** After programming, press the WRITE/NEXT button to save the pattern and advance to the next pattern slot.
- **PLAY:** Set the MODE switch to "PLAY" to listen to your programmed patterns. Press the START/STOP button to begin or end playback.

3. Adjusting Parameters

Control knobs allow for real-time adjustments:

- **TEMPO:** Adjusts the playback speed of the sequencer.
- **ACCENT:** Controls the intensity of accented steps in the pattern.
- **DISTORTION:** Engages and controls the built-in distortion effect. Use the TONE and LEVEL knobs to shape the distortion.
- **VOLUME:** Adjusts the overall output volume of the unit.



Figure 3: Main Controls and Sequencer

4. Pattern Group and Sync

- **PATTERN GROUP:** Use the PATTERN GROUP switch to select between different banks of patterns.
- **SYNC:** The SYNC switch allows you to select the clock source for the sequencer (internal, MIDI, or external sync).

MAINTENANCE

To ensure the longevity and optimal performance of your Behringer RD-6-LM, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the unit. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the drum machine in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for extended periods, consider using the included bag or a protective case.
- **Handling:** Always handle the unit with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating. Do not block any vents.

TROUBLESHOOTING

If you encounter issues with your RD-6-LM, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Unit does not turn on	Power adapter not connected or faulty; Power switch off; Outlet not working.	Ensure power adapter is securely connected to the unit and a working outlet. Check the power switch is in the ON position. Try a different outlet.
No sound output	Volume knob too low; Cables not connected properly; Mixer/interface input issues; Incorrect audio output selected.	Increase the VOLUME knob. Check all audio cable connections. Ensure your mixer/interface input is correctly configured. Verify you are using the correct audio output (MIX OUT or individual VOICE OUTs).
Sequencer not playing or out of sync	MODE switch not in PLAY; Incorrect SYNC setting; External clock issues.	Set the MODE switch to PLAY. Check the SYNC switch setting (internal, MIDI, or external). If using external sync, ensure the external clock source is sending a signal and is properly connected.
MIDI not working	Incorrect MIDI cable connection; MIDI channel mismatch; Driver issues (for USB MIDI).	Verify MIDI cables are connected correctly (OUT to IN, IN to OUT). Check MIDI channel settings on both the RD-6-LM and the external device/software. For USB MIDI, ensure necessary drivers are installed on your computer.

If the problem persists after trying these solutions, please contact Behringer customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Name	RD-6-LM
Type	Analog Drum Machine
Drum Voices	8 (Bass Drum, Snare Drum, Low Tom, High Tom, Cymbal, Open Hi-Hat, Closed Hi-Hat, Hand Clap)
Sequencer	16-step

Feature	Detail
Connectivity	USB MIDI, 5-pin MIDI In/Out/Thru, 2 x Trigger Outputs, Sync In/Out
Audio Outputs	Mix Out (1/4" TS), Individual Voice Outs (1/8" TS), Phones (1/4" TRS)
Built-in Effects	Distortion
Color	Lime Translucent
Material	Metal (Chassis), Plastic (Body)
Item Weight	2.85 pounds (1.29 kg)
Product Dimensions (L x W x H)	18 x 8.85 x 3.8 inches (45.7 x 22.5 x 9.6 cm)
Power Requirement	230 Volts (via included power adapter)
Included Components	Bag
Manufacturer	Music Tribe
UPC	644216639304

WARRANTY AND SUPPORT


For warranty information and technical support, please refer to the official Behringer website or contact your local distributor. Behringer provides comprehensive support resources, including FAQs, software downloads, and service center information.




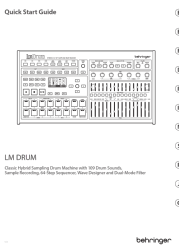

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