Behringer TD-3-MO-AM

Behringer TD-3-MO-AM Analog Bass Line Synthesizer User Manual

Model: TD-3-MO-AM

Overview   **Setup**   **Operation**   **Maintenance**   **Troubleshooting**   **Specifications**   **Warranty & Support**

1. PRODUCT OVERVIEW

The Behringer TD-3-MO-AM is an analog bass line synthesizer designed to produce classic electronic music sounds. It features an all-analog signal path, a 16-step sequencer, transistor wave-shaping circuitry, a built-in arpeggiator, and a 4-pole resonant lowpass filter. This instrument is a modern interpretation of an iconic predecessor, enhanced with modifications to expand its sonic capabilities.

Key Features:

- All-analog Bass Synthesizer with 16-step Sequencer
- Poly Chain Capability
- 4-pole Resonant VCF
- Arpeggiator
- Overdrive

Front Panel Layout

Below is an image illustrating the front panel controls and connections of the TD-3-MO-AM synthesizer. Familiarize yourself with these components before operation.

Figure 1: Front panel of the Behringer TD-3-MO-AM Analog Bass Line Synthesizer. This image displays all knobs, buttons, and input/output jacks, including controls for Tune, Cutoff, Resonance, Envelope, Decay, Accent, Tempo, Wave, Track/Pattern Group, Mode, Gate, Slide Time, Sweep Speed, Filter FM, Volume, and various input/output ports.

2. Setup and Connections

2.1 Unpacking and Inspection

Carefully remove the synthesizer from its packaging. Inspect the unit for any signs of damage during transit. Retain the original packaging for future transport or storage.

2.2 Power Connection

Connect the provided power adapter to the DC IN port on the rear panel of the TD-3-MO-AM. Plug the adapter into a suitable power outlet. Ensure the power switch is in the OFF position before connecting power.

2.3 Audio Output

Connect the AUDIO OUT jack (typically a 1/4" TS or TRS jack, though not explicitly listed in specs, common for synths) on the rear panel to your mixer, audio interface, or amplifier using a standard audio cable. For headphone monitoring, use the PHONES output.

2.4 MIDI and USB Connections

The TD-3-MO-AM supports MIDI and USB connectivity for integration with other musical equipment or a computer.

- **MIDI IN/OUT:** Use standard 5-pin DIN MIDI cables to connect to other MIDI devices for sequencing or control.
- **USB:** Connect the USB-A port (as per specifications) to your computer for MIDI over USB and firmware updates.

2.5 CV/Gate Connections

The synthesizer features various CV (Control Voltage) and Gate inputs/outputs for integration with modular synthesizers

and other analog gear.

- **ACCENT IN, SLIDE IN, GATE IN, CV IN:**These inputs allow external control over corresponding parameters.
- **SYNC IN, ACCENT OUT, GATE OUT, CV OUT, FILTER OUT:**These outputs provide control signals to other devices.

3. BASIC OPERATION

3.1 Powering On/Off

To power on, ensure all connections are secure, then flip the power switch to the ON position. To power off, flip the switch to the OFF position and disconnect the power adapter.

3.2 Sound Generation Basics

The TD-3-MO-AM generates sound using an analog oscillator. Adjust the**TUNE**, **CUTOFF**, **RESONANCE**, **ENVELOPE**, **DECAY**, and **ACCENT** knobs to shape the sound. The**WAVE** switch selects between sawtooth and square waveforms.

3.3 Sequencer Operation

The built-in 16-step sequencer allows for programming bass lines. Use the**MODE** switch to select between WRITE and PLAY modes. In WRITE mode, you can input notes and parameters for each step. In PLAY mode, the sequencer will playback the programmed pattern.

- **WRITE:** For creating and editing patterns.
- **PLAY:** For playing back patterns.
- **TRK/PATT:** Selects between Track and Pattern modes for sequencing.

Adjust the **TEMPO** knob to control the playback speed of the sequencer.

3.4 Arpeggiator

The arpeggiator can generate rhythmic patterns from held notes. Refer to the detailed manual for specific arpeggiator modes and controls.

3.5 Filter and Overdrive

The 4-pole resonant lowpass filter is a key component of the TD-3-MO-AM's sound. Use the**CUTOFF** and **RESONANCE** knobs to sculpt the tone. The **OVERDRIVE** control adds distortion and grit to the sound.

4. MAINTENANCE

4.1 Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. Avoid spraying liquids directly onto the unit.

4.2 Storage

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

4.3 Firmware Updates

Periodically check the Behringer website for firmware updates. Updates can provide new features, bug fixes, and performance improvements. Follow the instructions provided with the firmware update package carefully.

5. TROUBLESHOOTING

5.1 No Sound Output

- Ensure the power adapter is securely connected and the unit is powered on.
- Check all audio cable connections from the TD-3-MO-AM to your mixer/interface/amplifier.
- Verify that the VOLUME knob on the TD-3-MO-AM is turned up.
- Confirm that your mixer/interface/amplifier is powered on and its input levels are correctly set.
- If using headphones, ensure they are properly plugged into the PHONES jack and the volume is adequate.

5.2 Sequencer Not Playing

- Ensure the **MODE** switch is set to PLAY.
- Verify that a pattern has been programmed and is selected.
- Check the **TEMPO** knob; it might be set too low.
- If syncing externally, ensure the SYNC IN connection is active and receiving a valid clock signal.

5.3 MIDI/USB Connectivity Issues

- Ensure correct MIDI cable connections (MIDI OUT to MIDI IN, MIDI IN to MIDI OUT).
- For USB, verify the USB cable is securely connected to both the synthesizer and your computer.
- Check your computer's device manager or audio/MIDI settings to confirm the TD-3-MO-AM is recognized.
- Install any necessary drivers if prompted by your operating system (usually class-compliant, but check Behringer support).

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	TD-3-MO-AM
Brand	Behringer
Color	Yellow
Dimensions (L x W x H)	17.2 x 8.9 x 3.8 inches
Item Weight	2.96 pounds (approx. 3 Pounds)
Body Material	Bass Wood
Finish Type	Unfinished
Connector Type	USB-A
UPC	644216669301

Feature	Detail
ASIN	B09PYYP8WP

7. WARRANTY AND SUPPORT

7.1 Product Warranty

Behringer products typically come with a limited warranty covering manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Behringer website. Keep your proof of purchase for warranty claims.
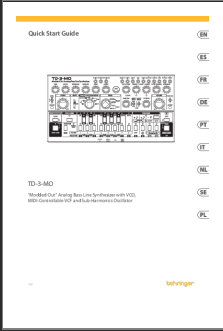
7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Behringer customer support. You can find contact information and additional resources on the official Behringer website: www.behringer.com. For protection plans, refer to the options available at the point of purchase, such as those offered by Amazon:
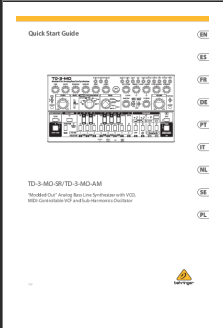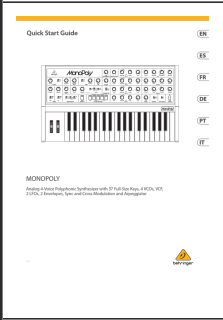
- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan)

Related Documents - TD-3-MO-AM

[Behringer TD-3-MO-SR/TD-3-MO-AM Analog Bass Line Synthesizer Quick Start Guide](#)
Quick start guide and operation manual for the Behringer TD-3-MO-SR/TD-3-MO-AM "Modded Out" Analog Bass Line Synthesizer, covering setup, controls, pattern creation, track sequencing, and technical specifications.

[Behringer TD-3-MO "Modded Out" Analog Bass Line Synthesizer Quick Start Guide](#)
A quick start guide for the Behringer TD-3-MO "Modded Out" Analog Bass Line Synthesizer, covering setup, connections, software and hardware configuration, tuning, sync and clock type settings, signal flow, and basic operation.

[Behringer TD-3-MO Quick Start Guide](#)

A quick start guide for the Behringer TD-3-MO "Modded Out" Analog Bass Line Synthesizer, covering setup, connections, software and hardware configuration, tuning, sync and clock type settings, and basic operation.

[Behringer TD-3 Quick Start Guide](#)

This guide provides essential safety instructions and setup information for the Behringer TD-3 Analog Bass Line Synthesizer.

[Behringer WAVE User Manual: Legendary 8-Voice Multi-Timbral Hybrid Synthesizer](#)

Comprehensive user manual for the Behringer WAVE, detailing its features as a legendary 8-voice multi-timbral hybrid synthesizer with wavetable generators, analog VCF and VCA, LFO, 3 envelopes, arpeggiator, and sequencer. Includes safety instructions, operational guidance, and warranty information.

[Behringer MonoPoly Analog Synthesizer: Quick Start Guide](#)

Get started with the Behringer MonoPoly, an analog 4-voice polyphonic synthesizer featuring 37 full-size keys, 4 VCOs, VCF, 2 LFOs, 2 Envelopes, Sync and Cross Modulation, and an Arpeggiator. This guide covers setup, controls, hook-up, and basic operation.