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› DRUMCO MERCURY II - SL PAD Electronic Drum Kit User Manual

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Model: MERCURY II - SL PAD

INTRODUCTION

The DRUMCO MERCURY II - SL PAD is a 9-piece electronic drum kit designed for practice and performance. This instrument features highly sensitive pads that accurately capture even the softest strokes. Its compact and lightweight design makes it easy to set up, transport, and ideal for environments with limited space or noise restrictions. The kit includes a rack and a bass drum pedal, providing a complete setup ready for immediate use. This manual provides essential information for the proper assembly, operation, and maintenance of your DRUMCO MERCURY II - SL PAD electronic drum kit.

PACKAGE CONTENTS

Before assembly, please ensure all components listed below are present in your package:

- **Snare Drum:** 1 x 8-inch pad.
- **Tom Drums:** 3 x 8-inch pads.
- **Hi-hat Cymbal:** 1 x 12-inch cymbal with independent stand.
- **Crash Cymbals:** 2 x 12-inch cymbals.
- **Ride Cymbal:** 1 x 12-inch cymbal with multiple zone capability.
- **Bass Drum:** 1 x 5-inch pad.
- **Control Pedals:** 2 pedals (one for bass drum, one for hi-hat).
- **Sound Module:** DSP-5002.
- **Drum Rack:** Frame for mounting pads and cymbals.
- **Cables and Power Adapter.**

SETUP INSTRUCTIONS

Follow these steps to assemble your DRUMCO MERCURY II - SL PAD electronic drum kit:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out.
2. **Assemble the Drum Rack:** Connect the rack components according to the included diagram (not provided in this manual, refer to separate assembly guide if applicable). Ensure all joints are securely tightened.
3. **Mount Pads and Cymbals:**
 - Attach the 8-inch snare pad to the designated position on the rack.
 - Mount the three 8-inch tom pads to their respective positions.
 - Secure the 12-inch hi-hat cymbal onto its independent stand and place it near the snare.
 - Attach the two 12-inch crash cymbals and one 12-inch ride cymbal to the rack arms.
 - Mount the 5-inch bass drum pad to the bass drum pedal assembly.
4. **Connect Pedals:** Place the bass drum pedal in front of the bass drum pad and connect it. Position the hi-hat control pedal on the floor.
5. **Install Sound Module:** Mount the DSP-5002 sound module to the rack using the provided clamp.
6. **Connect Cables:** Connect each drum pad and cymbal to the corresponding input on the DSP-5002 sound module using the included cables. Ensure all connections are firm.
7. **Power Connection:** Connect the power adapter to the sound module and then to a power outlet.



Figure 1: Front view of the assembled DRUMCO MERCURY II - SL PAD Electronic Drum Kit.



Figure 2: Side view of the assembled DRUMCO MERCURY II - SL PAD Electronic Drum Kit, showing the arrangement of pads and cymbals.

OPERATING INSTRUCTIONS

Sound Module (DSP-5002)

The DSP-5002 sound module is the central control unit for your electronic drum kit. It features a 128 x 64 pixel LCD screen for navigation and various controls for sound customization.



Figure 3: Close-up view of the DSP-5002 Sound Module's display and main controls.

- **Power On/Off:** Press the POWER button to turn the module on or off.
- **Navigation:** Use the directional buttons (up, down, left, right) and ENTER button to navigate through menus and select options on the LCD screen.
- **Drum Kits:**
 - **Preset Kits:** Access 52 pre-configured drum kits.
 - **User Kits:** Store up to 20 customized drum kits.
- **Instruments:** Select from 948 sounds, including acoustic drums, electronic drums, percussion, and special effects.
- **Integrated Songs:** Practice with 15 built-in accompaniment tracks.
- **DSP Effects:** Apply Reverb, Equalization (EQ), Tone, and Panning (PAN) to shape your sound.
- **Tempo Control:** Adjust the tempo between 20 and 260 BPM for practice.
- **Volume Controls:** Adjust MASTER, AUX IN, and PHONES volumes using the dedicated knobs. Individual drum element volumes can be adjusted via the GROUP FADERS.

Connectivity

The DSP-5002 module offers various connectivity options for integration with other devices:



Figure 4: Close-up view of the DSP-5002 Sound Module's various connection ports.

- **USB Type B Port:** Connect to a computer for MIDI data transfer or recording.
- **DB25 Data Input:** Multi-pin connector that facilitates expansion.
- **AUX Input (3.5 mm):** Connect external audio devices (phones, MP3 players, computers) to play along with music.
- **Headphone Output (6.35 mm):** For silent practice.
- **L/Mono and R Audio Outputs (6.35 mm):** Connect to sound systems, monitors, or recording interfaces.
- **MIDI In/Out:** Use the module as a MIDI controller or receive MIDI signals from other devices.
- **Additional Expansion Inputs (6.35 mm):** For adding an extra tom (TOM4) and a second crash cymbal (CRASH2).

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your electronic drum kit.

- **Cleaning:**
 - Wipe down pads, cymbals, and the module with a soft, dry cloth after each use to remove dust and sweat.
 - For stubborn dirt, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive cleaners.
- **Cable Management:**

- Ensure all cables are neatly routed and not tangled or pinched. This prevents damage and ensures reliable connections.
- Avoid excessive bending or pulling on cables.
- **Storage:**
 - When not in use, store the drum kit in a cool, dry place away from direct sunlight and extreme temperatures.
 - If disassembling for storage or transport, pack components carefully to prevent damage.
- **Pad Sensitivity:** Periodically check pad sensitivity settings in the sound module and adjust as needed for consistent response.

TROUBLESHOOTING

If you encounter issues with your DRUMCO MERCURY II - SL PAD, refer to the following common troubleshooting tips:

- **No Sound:**
 - Check if the power adapter is securely connected and the module is turned on.
 - Ensure the MASTER volume knob is turned up.
 - If using headphones, check the PHONES volume. If using external speakers, check the L/Mono and R outputs and the speaker's volume.
 - Verify that all drum and cymbal cables are correctly plugged into the module.
 - Check the individual volume settings for each drum element in the module's GROUP FADERS.
- **Inconsistent Pad Response:**
 - Ensure cables are fully inserted and not loose.
 - Check pad sensitivity settings in the sound module and adjust if necessary.
 - Inspect pads for any physical damage or debris that might affect performance.
- **Module Not Responding:**
 - Try turning the module off and on again.
 - Ensure the power adapter is functioning correctly.
- **External Audio Not Playing (AUX In):**
 - Verify the AUX IN cable is properly connected to both the module and the external device.
 - Check the volume level on the external audio device and the AUX IN volume knob on the module.

If the problem persists, please contact Drumco customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Name	MERCURY II - SL PAD
Brand	Drumco

Feature	Detail
Product Dimensions	85 x 85 x 85 cm (33.5 x 33.5 x 33.5 inches)
Product Weight	11.5 kg (25.35 lbs)
Material	Plastic
Color	Silver (Plateado)
Snare Pad	1 x 8-inch
Tom Pads	3 x 8-inch
Hi-hat Cymbal	1 x 12-inch (with independent stand)
Crash Cymbals	2 x 12-inch
Ride Cymbal	1 x 12-inch (multi-zone)
Bass Drum Pad	1 x 5-inch
Control Pedals	2 (Bass Drum, Hi-hat)
Sound Module Model	DSP-5002
Integrated Songs	15
Preset Kits	52
User Kits	Up to 20
Instrument Sounds	948
DSP Effects	Reverb, EQ, Tone, PAN
Tempo Range	20 - 260 BPM
Display	LCD 128 x 64 pixels
Connectivity	USB Type B, DB25, AUX In (3.5mm), Headphone Out (6.35mm), L/Mono & R Audio Outs (6.35mm), MIDI In/Out, Expansion Inputs (TOM4, CRASH2)

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Drumco website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please contact Drumco customer service through their official channels. Contact information can typically be found on the manufacturer's website or in your product documentation.