

MEDELI DD-502J/WH

MEDELI DD-502J/WH Electronic Drum Kit User Manual

Model: DD-502J/WH

1. INTRODUCTION

Thank you for choosing the MEDELI DD-502J/WH Electronic Drum Kit. This manual provides essential information for the proper setup, operation, and maintenance of your new instrument. Please read this manual thoroughly before using the product to ensure safe and optimal performance. This electronic drum kit is designed to bring authentic drum sounds and performance to your home, suitable for various applications from personal practice to Desktop Music (DTM) production.

2. PRODUCT OVERVIEW

The MEDELI DD-502J/WH is a comprehensive electronic drum kit featuring a unique white frame design that blends seamlessly into modern living spaces. It includes all necessary components to begin playing, such as a drum module, drum pads, cymbal pads, pedals, a drum stool, and drumsticks.



Figure 2.1: The complete MEDELI DD-502J/WH Electronic Drum Kit, showcasing its white frame and compact design, including the drum module, pads, pedals, stool, and sticks.

2.1. Drum Module

The drum module is the central control unit of the DD-502J/WH, housing the sound engine, various controls, and connectivity ports. It allows you to select drum kits, adjust volumes, play along with songs, and customize settings.



Figure 2.2: Close-up view of the MEDELI DD-502J/WH drum module's control panel, showing buttons for volume, kit, voice, song, tempo, and individual pad indicators.

2.2. Drum Pads and Cymbals

The kit includes multiple drum pads (snare, tom) and cymbal pads (hi-hat, crash, ride). These pads feature a triple-layered construction designed for high sound dampening, providing a quiet practice experience without disturbing others.



Figure 2.3: A single drum pad from the MEDELI DD-502J/WH kit, illustrating its circular design and durable playing surface.

3. SETUP GUIDE

Follow these steps to assemble and set up your MEDELI DD-502J/WH Electronic Drum Kit:

1. **Unpack Components:** Carefully remove all components from the packaging and verify that all parts are present according to the packing list.
2. **Assemble the Rack:** Connect the frame pipes as indicated in the assembly diagram (refer to the separate assembly sheet if provided). Ensure all clamps are securely tightened.
3. **Attach Pads and Cymbals:** Mount the drum pads and cymbal pads onto the rack arms. Adjust their positions and angles for comfortable playing. Secure them firmly with the provided clamps.
4. **Set Up Pedals:** Place the bass drum pedal and hi-hat control pedal on the floor in their playing positions.
5. **Connect Cables:** Connect each pad and pedal to the corresponding input on the drum module using the

included cables. Ensure connections are firm.

6. **Connect Audio Output:** For sound, connect headphones (sold separately) to the PHONE jack or an external amplifier (such as the MEDELI AP30, sold separately) to the OUTPUT (R&L/MONO) jacks.
7. **Connect Power:** Connect the dedicated AC adapter (DC9V, center negative) to the DC POWER input on the module and then plug it into a power outlet.
8. **Assemble Drum Stool:** Assemble the included drum stool and adjust its height for comfortable seating.
9. **Power On:** Once all connections are secure, press the power button on the drum module to turn on the unit.

4. OPERATING INSTRUCTIONS

This section outlines the basic functions and controls of your DD-502J/WH drum kit.

4.1. Basic Operation

- **Power On/Off:** Press the **POWER** button to turn the module on or off.
- **Volume Control:** Use the large **VOLUME** knob to adjust the overall output volume.
- **Kit Selection:** Press the **KIT** button and use the **+/-** buttons to select from 20 preset drum kits or 10 user-defined kits.
- **Voice Selection:** Press the **VOICE** button to select individual instrument sounds (215 available voices).
- **Song Playback:** Press the **SONG** button and use the **+/-** buttons to select from 50 built-in preset songs. Press **START/STOP** to play or pause.
- **Tempo Adjustment:** Use the **TEMPO/TAP** buttons to adjust the tempo of songs or the metronome.
- **Click (Metronome):** Press the **CLICK** button to activate or deactivate the metronome.
- **Saving Settings:** Press the **SAVE** button to store your customized drum kit settings.

4.2. Connectivity

- **AUX IN:** Connect an external audio device (e.g., MP3 player, smartphone) to the **AUX IN** jack to play along with your favorite music. (Cable sold separately)
- **MIDI OUT:** The **MIDI OUT** terminal allows you to send MIDI messages to external MIDI devices, such as computers or synthesizers, for recording or controlling other instruments. (Cable sold separately)
- **Bass Drum Twin Pedal Support:** The bass drum pad is compatible with twin pedals (sold separately) for advanced playing techniques.

5. MAINTENANCE

Proper maintenance will extend the life of your electronic drum kit and ensure consistent performance.

- **Cleaning:** Use a soft, dry cloth to wipe down the drum module, pads, and frame. For stubborn dirt, a slightly damp cloth can be used, followed by a dry one. Avoid abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use, store the kit in a clean, dry environment away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Management:** Ensure cables are not kinked, pinched, or excessively stretched. Proper cable routing prevents damage and ensures reliable connections.
- **Pad Care:** Avoid striking the pads with excessive force or sharp objects, as this can damage the playing surface.

and internal sensors.

- **Power Off:** Always turn off the drum module when not in use and unplug the AC adapter during long periods of inactivity or during electrical storms.

6. TROUBLESHOOTING

If you encounter issues with your DD-502J/WH, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from headphones/speakers.	<ul style="list-style-type: none">• Volume is too low.• Headphones/speakers not connected properly.• Wrong output selected (if applicable).• Module is off.	<ul style="list-style-type: none">• Increase the VOLUME knob.• Ensure headphones/speakers are fully plugged into the correct jack (PHONE or OUTPUT).• Check if the module is powered on.
A specific pad is not producing sound.	<ul style="list-style-type: none">• Pad cable is loose or disconnected.• Pad sensitivity setting is too low.• Damaged pad or cable.	<ul style="list-style-type: none">• Check the cable connection between the pad and the module.• Consult the full manual for pad sensitivity adjustments.• If the issue persists, contact customer support.
Module does not power on.	<ul style="list-style-type: none">• AC adapter not connected or faulty.• Power outlet issue.	<ul style="list-style-type: none">• Ensure the AC adapter is securely connected to the module and a working power outlet.• Try a different power outlet.• Verify the AC adapter specifications (DC9V, center negative).
Unwanted noise or static.	<ul style="list-style-type: none">• Poor cable connections.• Interference from other electronic devices.• Ground loop issue.	<ul style="list-style-type: none">• Check all cable connections.• Move the unit away from other electronic devices.• Use a grounded power strip.

If you are unable to resolve the issue using the above steps, please contact MEDELI customer support for further assistance.

7. SPECIFICATIONS

- **Model:** DD-502J/WH
- **Color:** White
- **Voices:** 215

- **Drum Kits:** 20 Preset Kits, 10 User Kits
- **Songs:** 50 Preset Songs
- **Pads:** Triple-layered drum pads for high sound dampening
- **Bass Drum Pedal:** Supports twin pedals (sold separately)
- **Connections:**
 - PHONE (Headphone Output)
 - AUX IN (Audio Input)
 - OUTPUT (R&L/MONO)
 - MIDI OUT
 - DC POWER
- **Power Supply:** Dedicated AC Adapter (DC9V, center negative)
- **Included Components:** Drum Module, Drum Pads, Cymbal Pads, Pedals, Drum Stool, Drumsticks


8. WARRANTY AND SUPPORT

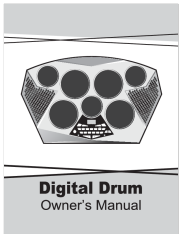
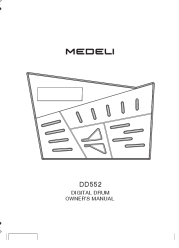

MEDELI is committed to providing high-quality products and customer satisfaction. For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official MEDELI website. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact MEDELI customer service through the contact information provided on the official website or your local distributor.

While no official product videos from the seller were available for embedding, additional resources and demonstrations may be found on the manufacturer's official website or authorized dealer channels.

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Related Documents

	<p>MEDELI TP110 Digital Drum Owner's Manual</p> <p>Comprehensive owner's manual for the MEDELI TP110 Digital Drum, covering safety, setup, features, operation, coach modes, sound settings, troubleshooting, and specifications.</p>
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	<p>Medeli DD309G Digital Drum Owner's Manual - Setup, Operation, and Features</p> <p>Explore the Medeli DD309G Digital Drum with this comprehensive owner's manual. Learn about its 310 sounds, 120 songs, advanced features like Learning Mode and MIDI connectivity, and troubleshooting tips.</p>
	<p>Medeli DD552 Digital Drum Owner's Manual - Features, Setup, and Operation</p> <p>The official owner's manual for the Medeli DD552 Digital Drum Kit. This guide provides detailed information on features, setup, operation, sound editing, recording, MIDI connectivity, troubleshooting, and specifications.</p>
	<p>Medeli DD-602 Digital Drum Module Instruction Manual</p> <p>Official instruction manual for the Medeli DD-602 Digital Drum Module. Learn about setup, operation, features, and maintenance for this versatile electronic drum instrument.</p>