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MEDELI DD502J/BK

MEDELI DD502J/BK Electronic Drum Kit User Manual

Model: DD502J/BK

1. Introduction

Welcome to the user manual for your MEDELI DD502J/BK Electronic Drum Kit. This manual provides essential information for setting up, operating, and maintaining your new instrument. Please read it thoroughly to ensure proper use and to maximize your drumming experience.

The DD-502 electronic drum kit has been a consistent top-ranked product since its release. It has evolved into the DD-502J, featuring a more refined appearance, improved sound dampening, and enhanced playability. With 50 preset songs and 215 diverse voices, users can enjoy practicing in a karaoke-like style, adapting to their own preferences. This item is highly recommended for drummers and even for those new to musical instruments.

2. Features

- **Versatile Sound Library:** Create and save your favorite drum kits from 20 preset kits and 215 voices.
- **Built-in Songs:** Includes 50 types of preset songs for practice and play-along.
- **Enhanced Playability:** Features three-layer drum pads with high sound dampening for a realistic feel and reduced noise.
- **Bass Drum Compatibility:** The bass drum pad supports twin pedals (sold separately) for advanced techniques.
- **External Audio Input:** Connect MP3 players or other audio devices to the AUX IN port for jamming sessions (cable sold separately).
- **MIDI Connectivity:** The MIDI OUT terminal allows sending MIDI messages to external MIDI devices (cable sold separately).

3. Setup

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. If any parts are missing or damaged, contact your dealer immediately.

3.2 Assembly

Follow these steps to assemble your DD502J/BK Electronic Drum Kit:

1. Assemble the main rack frame according to the diagrams provided in the quick start guide (not included in this manual). Ensure all joints are securely tightened.

2. Attach the drum pads (snare, tom 1, tom 2, tom 3, bass drum) to their respective mounts on the rack.
3. Mount the cymbal pads (hi-hat, crash, ride) onto their stands and attach them to the rack.
4. Connect the cables from each pad and cymbal to the corresponding inputs on the DD502J/BK sound module. Refer to the labels on the module for correct connections.
5. Connect the bass drum pedal and hi-hat control pedal to the module.
6. Place the drum throne in a comfortable position relative to the kit.



Figure 3.2.1: Fully assembled MEDELI DD502J/BK Electronic Drum Kit, showing the drum pads, cymbal pads, control module, pedals, and drum throne.



Figure 3.2.2: Another perspective of the assembled MEDELI DD502J/BK Electronic Drum Kit, highlighting the compact design and arrangement of components.

3.3 Power Connection

Connect the dedicated AC adapter (DC9V, center minus) to the DC POWER input on the rear of the sound module. Plug the adapter into a standard electrical outlet.

4. Operating Instructions

4.1 Sound Module Overview

The DD502J/BK sound module is the central control unit for your drum kit. It features various buttons and knobs for selecting sounds, kits, songs, and adjusting volume and tempo.



Figure 4.1.1: Detailed view of the DD502J/BK control module, showing the volume knob, start/stop, save, kit, voice, song, click, and tempo/tap buttons, along with individual pad indicators.

4.2 Basic Operation

- **Power On/Off:** Press the power button (if available, or ensure AC adapter is connected).
- **Volume Adjustment:** Use the **VOLUME** knob to adjust the overall output volume.
- **Kit Selection:** Press the **KIT** button and use the arrow 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 arrow buttons to select from 50 built-in songs. Press **START/STOP** to begin or end playback.
- **Tempo Adjustment:** Use the **TEMPO/TAP** buttons to adjust the tempo of songs or the metronome.
- **Metronome (Click):** Press the **CLICK** button to activate or deactivate the metronome.

4.3 Creating and Saving User Kits

The DD502J/BK allows you to customize and save your own drum kits:

1. Select a drum kit you wish to modify or an empty user kit slot.
2. Hit the pad whose sound you want to change.
3. Use the **VOICE** button and arrow keys to select a new instrument sound for that pad.
4. Repeat for all pads you wish to customize.
5. Once satisfied, press the **SAVE** button. Follow the on-screen prompts (if any) to select a user kit slot and confirm saving.



Figure 4.3.1: Close-up view of a single drum pad from the DD502J/BK kit, illustrating its durable surface and design for responsive play.

4.4 Connecting External Devices

- **Headphones:** Connect headphones to the **PHONE** jack for private practice.
- **External Audio Player:** Connect an MP3 player or smartphone to the **AUX IN** jack using a stereo audio cable (sold separately) to play along with your favorite music.
- **Amplifier/PA System:** Connect the **OUTPUT (R&L/MONO)** jacks to an amplifier, mixer, or PA system for live performance or louder practice.
- **MIDI Devices:** Use the **MIDI OUT** terminal to connect to other MIDI-compatible instruments or computer interfaces (MIDI cable sold separately).

5. Maintenance

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

- **Cleaning:** Wipe down the pads, cymbals, and module with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Cable Management:** Keep cables neatly organized and avoid sharp bends or kinks that could damage them.
- **Storage:** When not in use for extended periods, store the kit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Pad Care:** Avoid hitting the pads with excessive force, as this can reduce their lifespan.

6. Troubleshooting

If you encounter issues with your DD502J/BK, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from headphones/speakers.	Volume too low; incorrect cable connection; power off.	Increase volume; check all cable connections (PHONE, OUTPUT); ensure power is on.
Specific pad not producing sound.	Pad cable loose or disconnected; faulty pad.	Check the cable connection for that specific pad to the module; try swapping cables with a working pad to diagnose.
Distorted sound.	Volume too high; faulty cable; external device issue.	Lower volume; try a different cable; check the volume/output of any connected external devices.
Module not powering on.	AC adapter not connected or faulty; power outlet issue.	Ensure AC adapter is securely connected to the module and a working power outlet.

If the problem persists after trying these solutions, please contact MEDELI customer support or your local dealer.

7. Specifications

Feature	Detail
Model Name	DD502J/BK
Voices	215
Drum Kits	20 Preset, 10 User
Songs	50 Preset
Connections	PHONE, AUX IN, OUTPUT (R&L/MONO), MIDI OUT, DC POWER
Power Supply	Dedicated AC adapter (DC9V, center minus)
Material	Metal (frame)
Color	Black

8. Warranty and Support

For warranty information and customer support, please refer to the warranty card included with your product or visit the official MEDELI website. Keep your purchase receipt as proof of purchase.
For further assistance, you may contact MEDELI customer support directly or the retailer from whom you purchased the product.

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