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SONICAKE Matribox

SONICAKE Matribox Guitar Multi-Effects Processor Instruction Manual

Brand: SONICAKE | Model: Matribox

INTRODUCTION

The SONICAKE Matribox is a versatile guitar multi-effects processor designed to provide a wide range of tonal possibilities for guitar, bass, and acoustic instruments. It integrates advanced digital modeling technology to deliver high-quality effects, amp models, and cabinet simulations. This manual provides essential information for setting up, operating, and maintaining your Matribox unit.

SETUP

Follow these steps to set up your SONICAKE Matribox:

- Power Connection:** Connect the included 9V DC 1A power supply adapter to the DC 9V 500mA input port on the rear of the Matribox. Plug the adapter into a suitable power outlet.
- Guitar Connection:** Connect your guitar to the INPUT jack on the rear of the Matribox using a standard 1/4-inch instrument cable.
- Output Connection:** Connect the OUTPUT/HEADPHONE jack to your amplifier's input or directly to headphones for silent practice. Use a standard 1/4-inch cable for amplifier connection.
- Auxiliary Input (Optional):** To play along with backing tracks, connect an external audio device (e.g., smartphone, MP3 player) to the AUX IN jack using a 3.5mm stereo cable.
- USB Connection (Optional):** For firmware updates, tone editing, or using the Matribox as a USB audio interface, connect the USB-C port to your computer or mobile device using a compatible USB-C cable.



Figure 1: Rear panel connections of the SONICAKE Matribox. This image displays the AUX IN, INPUT, OUTPUT/HEADPHONE, USB-C, and DC 9V 500mA power input ports.

FEATURES OVERVIEW

- Extensive Effects Library:** Features 130 built-in guitar, bass, and acoustic effects.
- Amp Models & IRs:** Includes 40 legendary amp models and 38 carefully selected IR cabinet simulations.
- High-Quality Signal Processing:** Operates at 24-bit 44.1kHz for clear audio fidelity.
- Integrated Tools:** Built-in tuner, drum machine, and 90-second looper for practice and performance.
- USB Audio Interface:** Functions as a USB audio interface with OTG (On-The-Go) capability for direct recording to computers or mobile devices.
- Expression Pedal:** Integrated expression pedal for real-time control over various effect parameters.
- Durable Construction:** Made with high-quality materials and features short-circuit/over-current protection.

►Effect Matrix

Up to 9 movable effect modules, over 130 high quality effects



Figure 2: The Matribox display illustrating the 'Effect Matrix' with up to 9 movable effect modules, including FX1, FX2, AMP, Noise Reduction (NR), Cabinet (CAB), Equalizer (EQ), Modulation (MOD), Delay (DLY), and Reverb (RVB).

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button (usually one of the footswitches or a dedicated button) to turn the unit on or off. The LCD screen will illuminate upon power-up.

Navigating Presets

Use the designated footswitches (e.g., UP/DOWN or A/B) to cycle through the available presets. The LCD screen will display the current preset number and name.

Editing Effects

To customize an effect within a preset:

1. Press the 'EDIT' button to enter edit mode.

2. Use the navigation buttons or knobs to select the specific effect module you wish to adjust (e.g., AMP, MOD, DLY).
3. Turn the corresponding control knobs to modify parameters like gain, tone, level, speed, depth, etc.
4. Press the 'SAVE' button to store your changes to the current preset or a new user preset.

Using the Expression Pedal

The built-in expression pedal can be assigned to control various parameters such as volume, wah, or modulation speed. Refer to the on-screen menu for assigning and calibrating the expression pedal.

Tuner Function

To activate the tuner, typically press and hold a specific footswitch (e.g., 'TUNER' or a combination of footswitches). The display will show the note being played and indicate if it's sharp, flat, or in tune.

Looper and Drum Machine

The Matribox includes a looper and drum machine for practice. Dedicated buttons or footswitches are usually available to access and control these functions. The looper allows for recording and overdubbing guitar phrases, while the drum machine provides various rhythm patterns with adjustable tempo.

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Video 1: An official seller video demonstrating the SONICAKE Matribox II Pro Multi Effects Guitar Pedal. This video highlights the user interface, various effects, and operational features of the device, including preset navigation and effect chain customization.

CONNECTIONS

The SONICAKE Matribox offers a variety of input and output options for versatile connectivity:

Port	Description
AUX IN	3.5mm stereo input for connecting external audio sources (e.g., MP3 player, smartphone).
INPUT	1/4-inch mono input for connecting your guitar.
OUTPUT/HEADPHONE	1/4-inch stereo output for connecting to an amplifier or headphones.
USB	USB-C port for connecting to a computer (firmware updates, tone editing, USB audio interface) or mobile device (USB audio interface with OTG).
DC 9V 500mA	Power input for the 9V DC 1A power supply adapter.

SPECIFICATIONS

Specification	Value
Brand	SONICAKE
Model	Matribox
Signal Format	Digital
Voltage	9 Volts (DC)
Hardware Interface	3.5mm Audio
ASIN	B0DMS91LC1

Specification	Value
Color	black

TROUBLESHOOTING

- **No Sound:** Ensure all cables are securely connected. Check the power supply and confirm the unit is turned on. Verify volume levels on the Matribox, your guitar, and your amplifier/headphones.
- **Distorted Sound:** Check input gain levels on the Matribox and your amplifier. Reduce gain if the signal is clipping. Ensure your guitar's pickups are not too close to the strings.
- **Unit Not Powering On:** Confirm the power adapter is correctly connected and plugged into a working outlet. Use only the provided power adapter.
- **Effects Not Changing:** Ensure you are in the correct operating mode (e.g., Play mode vs. Edit mode). Check footswitch assignments and functionality.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the Matribox in a dry, cool place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care to prevent damage to knobs, switches, and jacks.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official SONICAKE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.