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› Gonine 9V DC 500mA Power Supply Adapter User Manual

Gonine 9V

Gonine 9V DC 500mA Power Supply Adapter User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Gonine 9V DC 500mA Power Supply Adapter. This adapter is designed to provide stable and reliable power to a wide range of electronic devices requiring 9V DC power with a center-negative polarity.

Key Features:

- **Wide Compatibility:** Designed for most 9V effect pedals (e.g., BOSS), Casio keyboards (e.g., AD-5, AD-5MU), and other 9V electronic devices with a center-negative 2.1mm x 5.5mm DC plug.
- **Stable & Reliable Power:** Delivers consistent and clean 9V DC, 500mA power, minimizing noise and interference.
- **Correct Polarity & Safety:** Features standard center-negative tip polarity and built-in over-current, over-voltage, and short-circuit protection.
- **Durable Construction:** Made with flame-retardant PC & ABS shell, professional circuit design, and a high-quality oxygen-free copper power cord.



Image 1.1: The Gonine 9V DC 500mA Power Supply Adapter, featuring a compact design and a coiled power cord.

2. SETUP AND CONNECTION

Before connecting the power adapter, it is crucial to verify the power requirements of your device to prevent damage. Incorrect voltage, current, or polarity can harm your equipment.

2.1 Verifying Device Requirements

Always check the label near the DC input jack on your device. It typically specifies the required voltage (V), current (A or mA), and polarity (center positive or center negative).

How to Choose the Right AC Adapter

01

Check The Polarity

Please check the polarity on the original label of your device.

It should be **Inner Negative (-)**
Outer Positive (+);



02

Check The Voltage

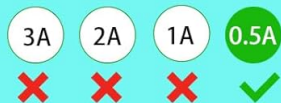
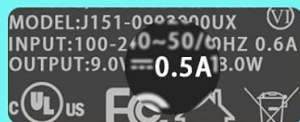
It can only be **9V**.



03

Check The Current

It should be **0.5A** or less than
2A, such as 0.5A 0.4A 0.3A 0.2A 0.1A ...



04

Check The Tips

Gonine 9V 0.5A Universa AC Adapter

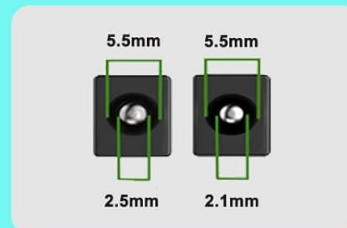


Image 2.1: Visual guide for selecting the correct AC adapter, emphasizing polarity, voltage, current, and tip size.

- **Voltage:** This adapter provides 9V DC. Ensure your device requires 9V.
- **Current:** This adapter provides 500mA. Ensure your device requires 500mA or less. If your device requires more than 500mA, this adapter is not suitable.
- **Polarity:** This adapter features **center-negative** polarity. This is indicated by a diagram showing a circle with a minus sign (-) in the center and a plus sign (+) on the outer ring.
- **Tip Size:** The DC plug tip is 2.1mm x 5.5mm. Confirm your device's jack matches these dimensions.



Image 2.2: Illustration of the 9V center-negative polarity connection, showing the adapter plugged into a guitar pedal.

2.2 Connecting the Adapter

1. Ensure your device is powered off.
2. Insert the DC plug of the Gonine adapter into the power input jack of your device.
3. Plug the AC adapter into a standard 100-240V AC wall outlet.
4. Power on your device.

3. OPERATING INSTRUCTIONS

Once connected, the Gonine 9V DC 500mA Power Supply Adapter operates automatically, providing continuous power to your device. No further user interaction is required during operation. The adapter is designed for stable performance, ensuring your electronic devices receive clean power for optimal functionality.

4. COMPATIBILITY

This Gonine 9V DC 500mA power supply is compatible with a wide range of musical instruments and electronic devices that require 9V DC, 500mA (or less) power with a center-negative 2.1mm x 5.5mm barrel

connector. Always verify your device's specific power requirements before use.

DC 9V Power Supply Compatible with

Compatible with Boss Models:

for AD-5/ AD-5MU/ AD-5MR/ AD-5EL/ AD-5MLE/ AD-5GL/ WK-110/ WK-200/ LK-100/ CTK-496/ CTK-573/ CTK-720/ CTK-2100/ CA-100/ CA-110/ CPS-101/ CT-210/ CT-240/ CT-310/ CT-360/ CT-400/ CT-410/ CT-410V/ CT-420/ CT-430/ CT-450/ CT-460/ CT-480/ CT-488/ CT-491/ CT-496/ CT-500/ CT-510/ CT-520/ CT-550/ CT-588/ CT-591/ CT-599/ CT-605/ CT-610/ CT-611/ CT-615/ CT-620/ CT-630/ CT-636/ CT-637/ CT-638/ CT-640/ CT-648/ CT-650/ CT-656/ CT-657/ CT-660/ CT-670/ CT-677/ CT-688/ CT-700/ CT-7.

RC-1, RC-2, RC-20, RC20-XL, RC-20XL, RC-3, RC-30, RC-50, RCE-10, RCL-10, RDD-10, RDD-20, RE-20, RGE-10, ROD-10, RPD-10, RPH-10, RPQ-10, RPS-10, RPW-7, RRV-10, RSD-10, RT-20, RV-2, RV-3, RV-5, RV-6 SD-1, SD-2, SL-20, SP-202, SP-303, SP-404, ST-2, SYB-3, SYB-5, TR-2, TS9, TU-10, TU-1000, TU-88, TU-12, TU-12EX, TU-15, TU-2, TU-3, TU-80, TU-12BW, XT-2, AC-2, AC-3, AD-3, AD-8, AW-2, AW-3, BCB-30, BCB-60, BD-2, VE-20, BE-5, BE-5B, BE-5M, BF-2, BF-2B, BF-3, BR-532, BR-600, BR-800, BR-864, BR-900, CE-2, CE-20, CE-2B, CE-3, CE-5, CEB-3, CH-1, CS-3, FBM-1, FC-200, FC-300, FC-50, FDR-1, FRV-1, FT-2, FW-3, FZ-2, FZ-3, FZ-5, GE-7, GE-7B, GEB-7, GP-20, GT-10, HC-2.

Compatible with Roland Models:

ASC-10, AT-4, AW-2, BC-2, BD-2W, BF-1, BF-2, BF-2B, BF-3, BL-1, BX-4, CE-3 Chorus, CE-5T, CEB-3T, CH-1T, CS-1, CS-2, CT-6, DA-2, DC-2, DC-3, DD-2, DD-3, DD-5, DD-6, DD-7, DF-2, DI-1, DM-2W, DN-2, DR-3, DS-1, DS-1A, DS-1X, DS-2, DS-3, DSD-2, DSD-3, EH-2, EQ-20, FB-2, FDR-1, FBM-1, GP-10/GP-20, Roland GR-D, GR-S, HF-2, HM-2, HM-3, HR-2, LM2, LM-2B, LMB-3, LS-2, MD-2, ME-20, ME-20B, ME-25/ME-30, ME-33, ME-50, ME-50B, ME-70, ME-80, MICRO BR80, MO-2, ML-2, Roland MPD-4, MT-2, MX-5, MZ-2 I, NF-1, NS-2, OC-2, OC-20G, OC-3, OD-1X, OD-1, OD-2, OD-20, OD-2R, OD-3, ODB-3, OS-2, PH-1, PH-1R, PH-2, PH-3, PN-2, PQ-3B, PQ-4, Roland PR-1, PS-2, PS-3, PS-5, PS-6, PSM-5, PSM-5, PW-2, PW-10 V-Wah, RC-1, RC-2, RC-3, RC-20XL, RC-30, RE-20, RT-20, RV-2, TU-8 Tuner, TU-12H, TW-1, VE-2, WP-20G, BOSS DD-500, RV-500, ES-5, BD-2, DB-90, MXR M75, MXR M-234.

Compatible with: MXR M82, MXR M288, DS-1-4A, MXR M116, MXR M-101,
Jim Dunlop CBM95, Jim Dunlop JHM7, 105Q, Ernie Ball VP Jr. P06180.

Compatible with ZOOM AD-16 models:

A2, A2.1u, A3, B1, B1X, B1on, B1Xon, B2, B2.1u, B3, BFX-708, G1, G1N, G1on, G1Xon, G1u, G1X, G1XN, G2, G2.1u, G2Nu, G2.1Nu, G3n, G3X, G3Xn, G5, G5n, GFX-1, GFX-3, GFX-5, GFX-707, GM-200, H4, HL-01, MRS-4, MRS-8, MRT-3, MS-100BT, MS-50G, MS-60B, MS-70CDR, PD-01, PFX-9003, PS-02, PS-04, RFX-300, RT-123, RT-223, RT-234, RT-323, SB-246, ST-224, UF-01.

Image 4.1: Detailed list of compatible models for Boss, Roland, and Zoom devices.

4.1 Compatible with Boss Models:

AD-5/AD-5MU/AD-5MR/AD-5EL/AD-5MLE/AD-5GL/WK-110/WK-200/LK-100/CTK-496/CTK-573/CTK-720/CTK-2100/CA-100/CA-110/CPS-101/CT-210/CT-240/CT-310/CT-360/CT-400/CT-410/CT-410V/CT-420/CT-430/CT-450/CT-460/CT-480/CT-488/CT-491/CT-496/CT-500/CT-510/CT-520/CT-550/CT-588/CT-591/CT-599/CT-605/CT-610/CT-611/CT-615/CT-620/CT-630/CT-636/CT-637/CT-638/CT-640/CT-648/CT-650/CT-656/CT-657/CT-660/CT-670/CT-677/CT-688/CT-700/CT-7.

RC-1, RC-2, RC-20, RC20-XL, RC-20XL, RC-3, RC-30, RC-50, RCE-10, RCL-10, RDD-10, RDD-20, RE-20, RGE-10, ROD-10, RPD-10, RPH-10, RPQ-10, RPS-10, RPW-7, RRV-10, RSD-10, RT-20, RV-2, RV-3, RV-5, RV-6. SD-1, SD-2, SL-20, SP-202, SP-303, SP-404, ST-2, SYB-3, SYB-5, TR-2, TS9, TU-10, TU-1000, TU-88, TU-12, TU-12EX, TU-15, TU-2, TU-3, TU-80, TU-12BW, XT-2, AC-2, AC-3, AD-3, AD-8, AW-2, AW-3, BCB-30, BCB-60, BD-2, VE-20, BE-5, BE-5B, BE-5M, BF-2, BF-2B, BF-3, BR-532, BR-600, BR-800, BR-864, BR-900, CE-2, CE-20, CE-2B, CE-3, CE-5, CEB-3, CH-1, CS-3, FBM-1, FC-200, FC-300, FC-50, FDR-1, FRV-1, FT-2, FW-3, FZ-2, FZ-3, FZ-5, GE-7, GE-7B, GEB-7, GP-20, GT-10, HC-2.

4.2 Compatible with Roland Models:

ASC-10, AT-4, AW-2, BC-2, BD-2W, BF-1, BF-2, BF-2B, BF-3, BL-1, BX-4, CE-3 Chorus, CE-5T, CEB-3T, CH-1T, CS-1, CS-2, CT-6, DA-2, DC-2, DC-3, DD-2, DD-3, DD-5, DD-6, DD-7, DF-2, DI-1, DM-2W, DN-2,

DR-3, DS-1, DS-1A, DS-1X, DS-2, DS-3, DSD-2, DSD-3, EH-2, EQ-20, FB-2, FDR-1, FBM-1, GP-10/GP-20, Roland GR-D, GR-S, HF-2, HM-2, HM-3, HR-2, LM-2, LM-2B, LS-2, MD-2, ME-20, ME-20B, ME-25/ME-30, ME-33, ME-50, ME-50B, ME-70, ME-80, MICRO BR80/MO-2, ML-2, Roland MPD-4, MT-2, MX-5, MZ-2, NF-1, NS-2, OC-2, OC-20G, OC-3, OD-1X, OD-1, OD-2, OD-20, OD-2R, OD-3, ODB-3, OS-2, PH-1, PH-1R, PH-2, PH-3, PN-2, PQ-3B, PQ-4, Roland PR-1, PS-2, PS-3, PS-5, PS-6, PSM-5, PSM-7, PW-2, PW-10 V-Wah, RC-1, RC-2, RC-3RC-20XL, RC-30, RE-20, RT-20, RV-2, TU-8 Tuner, TU-12H, TW-1, VE-2, WP-20G, BOSS DD-500, RV-500, ES-5, BD-2, DB-90, MXR M75, MXR M-234.

4.3 Compatible with Zoom AD-16 models:

A2, A2.1u, A3, B1, B1X, B1on, B1Xon, B2, B2.1u, B3, BFX-708, G1, G1N, G1on, G1Xon, G1u, G1X, G1XN, G2, G2.1u, G2Nu, G2.1Nu, G3n, G3X, G3Xn, G5, G5n, GFX-1, GFX-3, GFX-5, GFX-707, GM-200, H4, HL-01, MRS-4, MRS-8, MRT-3, MS-100BT, MS-50G, MS-60B, MS-70CDR, PD-01, PFX-9003, PS-02, PS-04, RFX-300, RT-123, RT-223, RT-234, RT-323, SB-246, ST-224, UF-01.



Image 4.2: The Gonine adapter powering a keyboard and various guitar effect pedals.

9V AC POWER ADAPTER

Tip Negative

For Boss Zoom

Guitar Multi Effects Pedal

Casio Keyboard



Image 4.3: The Gonine 9V center-negative power adapter connected to a piano keyboard.

5. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation and prevent damage to the adapter or connected devices.

- Do not short circuit, disassemble, or place at high temperature to avoid danger.
- When the adapter is not used for a long time, it should be unplugged from the power socket.
- During use, the adapter will be slightly warm; this is a normal phenomenon and will not affect the life of the product.
- Do not expose the product to rain or moisture to prevent electric shock.
- Do not place this product in a place where children can easily access it.
- Do not use the travel charger with electronic products that exceed the charging specifications to avoid any problems due to non-compliance with the specifications.
- This adapter will heat up during use; it is normal for the heat to not exceed 40°C at normal room temperature.
- Always verify that your device requires **9V DC with center-negative polarity**. This adapter is **NOT compatible with devices requiring center-positive polarity**.

6. SPECIFICATIONS

Specification	Value
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	9V DC
Output Current	500mA (0.5A)
Polarity	Center Negative (-)
DC Plug Tip Size	2.1mm x 5.5mm
Product Dimensions	2.4 x 1.69 x 1 inches
Item Weight	2.89 ounces
DC Cord Length	5.9 feet
Special Features	Short Circuit Protection, Over-current Protection, Over-voltage Protection



Image 6.1: Diagram illustrating the dimensions of the Gonine 9V power adapter and its DC cord length.

7. MAINTENANCE

The Gonine 9V DC 500mA Power Supply Adapter requires minimal maintenance. Follow these guidelines to ensure its longevity:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not bend or crimp the power cord excessively, as this can damage the internal wiring.
- Store the adapter in a cool, dry place when not in use.

8. TROUBLESHOOTING

If you encounter issues with your Gonine 9V DC 500mA Power Supply Adapter, consider the following troubleshooting steps:

- **Device not powering on:**
 - Ensure the adapter is securely plugged into both the wall outlet and your device.
 - Verify that the wall outlet is functional by testing it with another device.
 - Double-check your device's power requirements (voltage, current, and especially polarity) against the adapter's specifications. This adapter is **center-negative**.
 - Confirm your device is listed in the compatibility section or has matching specifications.
- **Humming or noise from the device:**
 - While this adapter is designed for clean power, some sensitive audio equipment may still experience noise. Try plugging the adapter into a different outlet or power strip.
 - Ensure all audio cables are properly shielded and connected.
 - Test the device with another known-good power supply to isolate the issue.
- **Adapter feels excessively hot:**
 - A slight warmth is normal during operation. If the adapter is extremely hot to the touch, immediately unplug it from the wall and your device.
 - Ensure your device's current draw does not exceed 500mA. Overloading the adapter can cause overheating.
 - Ensure the adapter is not covered or in an enclosed space that prevents proper ventilation.

9. WARRANTY AND SUPPORT

Specific warranty details for the Gonine 9V DC 500mA Power Supply Adapter are not provided in this manual. For warranty information, technical support, or further assistance, please refer to the product packaging or contact Gonine customer service directly through their official channels or the retailer where the product was purchased.