

THE GIGRIG.com



ACA-AOK MANUAL

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1. INTRODUCTION

The ACA-AOK power supply conditioner is ideal for use with all pedals that require a 12V DC input. The ACA series of boss pedals such as the CE-2 chorus that need 12V at their DC input. They still use a 9V internal battery, but a diode in the DC input drops the voltage. If you plug a standard 9V DC supply into the DC input of the pedal, the circuit will only have 6.5V which is not enough for the pedal to function as intended. It may work, but it certainly won't sound its best!

The ACA-AOK virtual battery converts 9V DC to 12V DC. It's designed to supply up to 100mA, which is more than enough for these vintage pedals to operate at their best.

2. INSTRUCTIONS

Connect the ACA-AOK Adapter output directly to the pedal and plug the normal 9V centre negative supply into the ACA-AOK input. Use the GigRig Generator/ Gen-X-14 power supplies only. We cannot guarantee the performance of the ACA-AOK adapter from any other supply.

You can drop the voltage on the output from 12V to 9V by using a small screwdriver to turn the control above the DC output lead. For standard operation the unit is set at 12V DC output, so for its intended purpose of powering ACA pedals you don't need to adjust anything.

PLEASE NOTE- you will only be able to measure the drop in voltage when the ACA-AOK is powering the pedal. If you connect a multi-meter across the terminals of the ACA-AOK and turn the voltage control you will get no change. The ACA-AOK MUST be in-circuit for the voltage reduction to work.

Do not cover the ACA-AOK, it may overheat and switch off! The ACA-AOK will run warm in normal operation

3. SHORT CIRCUIT & TEMPRATURE PROTECTION

The ACA-AOK is fitted with an over-temperature protector. If the ACA-AOK has its output short-circuited for more than a few seconds, the temperature sensor will switch the output off. When the short-circuit is removed the ACA-AOK will take a few seconds to cool down and will then restore power to the output.

4. INPUT PROTECTION

The ACA-AOK has polarity input protection. It will protect itself from input reverse voltages (centre positive) by shorting its input and shutting down the main supply to protect it and all other pedals.

5. SAFETY

This Power conditioner is for indoor use. Do not get it wet.

We can only guarantee the ACA-AOK DC adapter for use with TheGigRig Generator power supply.

Please ensure that you use the ACA-AOK from a GigRig Distributor that is connected directly to the Generator DC output.

6. TECHNICAL SPECIFICATIONS

Type: DC-DC full isolation.

Overload, short circuit and temperature protected.

Output Connector: 2.1 mm Centre Negative

Output Voltage: 12V DC at 100mA.

Output Current: Max 150mA approx. Temperature trip when left shorted, or covered for long periods.

Output Ground: The DC output is isolated from all earth.

Input Voltage Range: 9 - 12 V DC at 1A

Input is reverse diode protected.

Regulations: Your power supply conditioner conforms to BS EN 60950-2002 safety standard. Low voltage device. Return the unit to TheGigRig Ltd for disposal.

4 WARRANTY

The GigRig warrants the product to be free from defects in material and workmanship for a period of 2 years from the original date of purchase.

If the product fails within the warranty period, The GigRig will repair or, at our discretion, replace the product and cover the cost of return shipping to the original purchaser. This warranty covers defects in manufacturing discovered while using this product as recommended by The GigRig. This warranty does not cover loss or theft, nor does the coverage extend to damage caused by misuse, abuse, unauthorized modification, improper storage, lightning, or natural disasters.

Damage caused by any of the above circumstances may result in a non-warranty repair fee. Legal: In the case of malfunction, the purchaser's sole recourse shall be repair or replacement, as described in the preceding paragraphs. The GigRig will not be held liable to any party for damages that result from the failure of this product. Damages excluded include, but are not limited to, the following: lost profits, lost savings, damage to other equipment, and incidental or consequential damages arising from the use, or inability to use this product.

In no event will The GigRig be liable for more than the amount of the purchase price, not to exceed the current retail price of the product. The GigRig disclaims any other warranties, express or implied. By using the product, the user accepts all terms herein.

Disposal: TheGigRig contains no batteries or Lead. Return the unit to TheGigRig Ltd for disposal or use standard disposal for electrical equipment recommended in your country. Do not dispose of electrical equipment in household waste!

TheGigRig is protected by copyright, moral rights, patent and design registration.

'GigRig' is a stylized trademark. No 2343300

Any individual or company found copying the functionality, look or feel, circuits, circuit function or software functions for commercial gain will be liable for legal action. Licenses may be granted to non-competing companies.

The GigRig and its Power supply are RoHs compliant.

Tested and compliant to EN 60950 safety standard.

The power supply is approved to all USA and European

Regulations including UL. See separate instructions supplied with the power supply

Manufacturer: The GigRig Ltd, Unit 15 Whitehill Industrial Pk, Royal Wootton Bassett, SN4 7DB

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Warning: For indoor use only. Keep away from water. Keep away from Children.

