



ENERGY SUPPLIER POWER BOX

**ZERO
NOISE**

Product info

The **ZeroNoise** power box is equipped with a high-capacity FAAM 12V Sealed Rechargeable battery technology which provides stable, long-lasting 9V and 12V power for music effects devices.

Eliminate AC ground loop

The 90% pedal effects (distortion, overdrive, boost, delay etc) using a 9-volt DC power source. Typical sources used are 9V battery or 9V AC adapter.

Why would you use a 9V battery for just a few hours work, or a noisy AC adapter when you can have the solution to your problems?

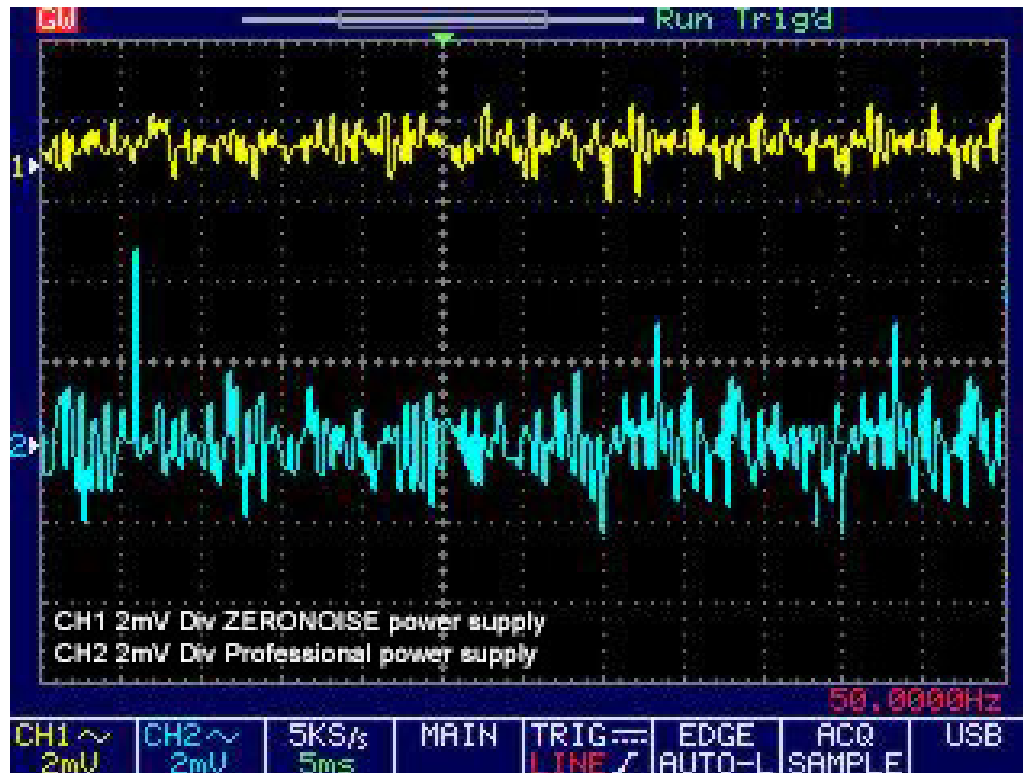
Standard AC adapters may introduce electrical noise interference on your signal and require a power outlet near you. With **ZeroNoise** power box you don't need any power outlet and your signal is perfectly clean for as long as 50 hours work.

a)



In the diagram (a) you can see the differences from a typical AC to DC adapter against **ZeroNoise**. The graphic shows that the DC output from the standard adapter introduces much more ripple noise into the signal as compared to the clean power produced by **ZeroNoise**.

b)



Graphic (b) represents the output produced by **ZeroNoise** compared with a professional DC power supply. The graphic shows that the standard DC professional power supply introduces significantly more ripple noise into the signal (approx twice as much) when compared to the **ZeroNoise** clean power.

More than 50 Hours of continuous, zero noise stable power

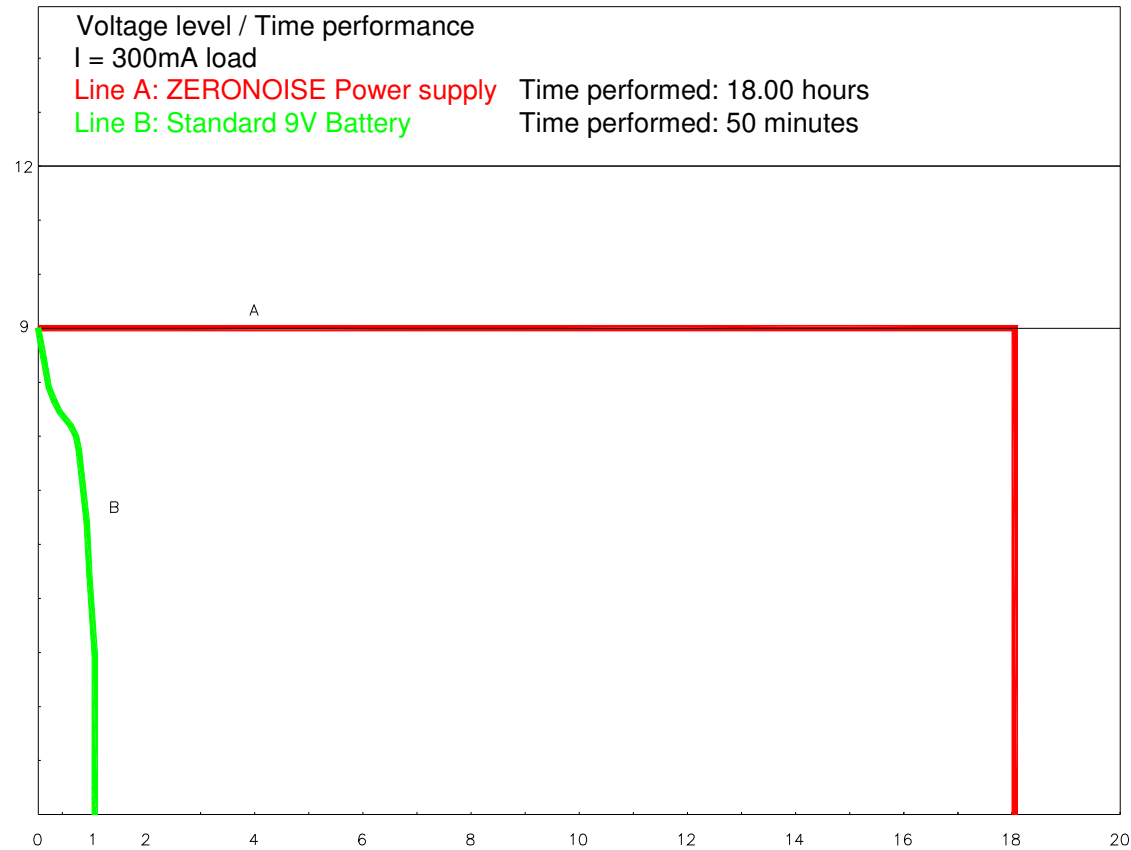
The sound quality of your effects deteriorates when the battery voltage falls below the proper operating range . In order to prevent any component malfunction or a loss of sound quality during a musical performance, standard 9V batteries must be changed before they have been exhausted. On these batteries you don't know the remaining charge level. Therefore to prevent possible problems, especially when the musicians are studio recording or in a live performance, you must change all the batteries that you're using sometimes well before they have been completely exhausted. Consequently you have a high service cost and a high environmental impact.

Due to its features the **ZeroNoise** power supply provides a solution for these problems.

The **ZeroNoise** uses a rechargeable battery that you don't need to change, and the LCD display shows the remaining run time, elevating unnecessary charging hours.

ZeroNoise's power supply provides you with up to 50 hours of continuous, clean, stable power, even as the battery drains. In case of an **emergency** (an almost completely discharged battery) you can connect the power plug and continue to play even during the charging mode. It will then automatically be fully recharged in just a few hours.

During the charge, the display will show you the status as "BATTERY CHARGING" and the percentage of charging; when the battery is completely charged (100%), the status will switch automatically to the standard mode, confirmed on the display.



The above graph shows the huge difference in time of autonomy between a common 9V battery and the **ZeroNoise** power box: about 20 times more capacity and no degradation of output characteristics until the internal battery is completely discharge.

FEATURES

- ❖ 12V 5A Sealed Rechargeable battery
- ❖ Up to 50 hours of continuous zero noise power output without the need to recharge
- ❖ Eliminates AC ground loops – no more unwanted hum
- ❖ Eight 9V DC outputs (Boss standard) – Two 9V (Standard) – Two 12V (Standard) power multiple devices; pedals, multi-effect units, and portable recorders
- ❖ Upper side 2x16 characters LCD Display for better visibility– provides remaining time, current sink and function mode
- ❖ Single on/off button – no need to unplug the individual effects devices
- ❖ Rechargeable hundreds of times without any loss of performance – no memory effect
- ❖ Automatically recharges cycle (if the device is connected to the power supply) when the battery goes below the threshold of 9V.
- ❖ Also, during the re-charge mode, the **ZeroNoise** power box continues to supply you the same output voltage without performance degradation. You'll never be caught without your power!
- ❖ Power supply from 100V to 240V AC 50-60 Hz

Product Description	Energy supplier power box
Product Name	ZeroNoise
Charging Time *1	Approx. 5 hours
Input	AC 100V to 240V 50-60Hz
Output *2	Ten DC 9V plugs (max 1,5A) - Two DC 12V plugs (max. total output 2A)
Standard Usage Times *3	Current draw about 10 mA: over 500 hrs. (Boost, Overdrive, Distortion)
	Current draw about 50 mA: approx. 100 hrs. (Digital Delay, Chorus)
	Current draw about 300 mA: approx. 18 hours (Multitrack recorder or synthesizer, pedal switch)
	Current draw about 1,0 A: approx. 3.5 hours (Electronic drums or percussion)
Dimensions	250mm (w) x 160mm (d) x 60 (h) mm (approx. 3,0kg)
Built-in Battery (Voltage/capacity)	GEL battery (FTS 12V, 5.0 Ah)
Display indicator	The details of the available working time are shown in an LCD display where time remaining, working mode and current draw are all provided
Set contents	Input AC cable n.1, Output DC cable n.8

1. Standard time to fully recharge the built-in battery when completely exhausted.
2. When using one power port. When using all ten power ports, a maximum of 150mA for each port.
3. Usage time may vary depending on connected devices and usage conditions.

SYNTHESIS

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