



## **FREQUENTLY ASKED QUESTIONS (FAQs)**

To see how the **EARTHBOARD Pedalboard System** works, check out this YouTube: <https://youtu.be/S9NyEuYEtvS>

### **1: What is the voltage output of the EARTHBOARD Pedalboard System?**

**A:** The system supplies 9v DC power. Most guitar effects pedals use a 9v power supply.

### **2: What if I have a pedal with a different voltage?**

**A:** Our **ISO Boots** will supply 9v, 12v, 15v, or 18v DC to your pedal. The **ISO Boot** is like our **Gravity Boot**, except it has additional electronics to change the voltage as needed. The **ISO Boot** also isolates a pedal from the others on the board.

### **3: How long will the battery charge last?**

**A:** The “Gig-Life” of our long-lasting, rechargeable **Power Pack** (battery) will depend on your pedal load. A rule of thumb is to divide 85 by the number of your pedals to ESTIMATE the life hours. (i.e. 85/9 pedals=9+ hours of play time)

### **4: How much power can the Power Pack (battery) provide?**

**A:** Our **Standard Power Pack** (battery), with the **Battery Tether**, supplies approximately 1.25 Amps. Our **XL Power Pack** (battery) and TWO (2) **Battery Tethers** will provide roughly 2.5 Amps.

### **5: How long does it take to charge the Power Pack (battery)?**

**A:** Initial charge should be 24hrs. The **Power Pack** takes a 2A input charge. Following the initial charge, to recharge a fully depleted **Power Pack** takes approximately 3-4 hours. Individual results may vary. When not used, recharge the battery every 4 months to maximize performance.

### **6: Oops, I forgot to charge my Power Pack (battery). Is there any backup so I can still use my EARTHBOARD?**

**A:** Of course! You can use our **Power Station**, a 3 Amp AC adapter, that plugs into the wall. For your convenience, there are **Power Ports** on both sides of the **EARTHBOARD** so you can conveniently fit any gig space. *Note: NEVER use the **Power Pack** (battery) and **Power Station** (AC adapter) at the same time.* The **Power Pack** cannot be recharged while the board is in use.

### **7: How do I know how much power my Power Pack (battery) has left?**

**A:** The **EARTHBOARD Power Pack** has a level meter – so NO MORE guesswork! There are four (4) blue dot lights, easily visible on the battery. Each blue light equals 25% power so at 100% (full charge) all four blue dots will light up, three (3) lights equal 75%, and so on. When only one blue dot light is lit, there is 25% power left. When you have less than 10% remaining, the single blue dot will begin to flash.

### **8: How do I use the XL Battery?**

**A:** Same as the **Standard Power Pack** (battery), except you must use both **Battery Tethers** at the same time.

### **9. I use a WAH pedal – won't it take up so much room on the EARTHBOARD that it limits my number of pedals?**

**A:** We use WAH pedals too, which is why we made the **LifeLine Tether**. This cable allows you to put a large WAH pedal on the floor next to your rig, by plugging it into the side of the **EARTHBOARD**. As mentioned in question 6 above, we made it convenient by placing **Power Ports** on both sides of the board, so you can place your WAH where it is most convenient for you. One more thing about the **LifeLine Tether**, if you have more pedals than fit on your rig, you can connect multiple **EARTHBOARDS** using our **LifeLine Tether** – all with just a single **Power Pack** (battery)!

#### 10: How many pedals can I put on an EARTHBOARD?

A: As many as you can fit! Both [EARTHBOARD Pedalboard Systems](#) include [Gravity Boots \(EBII=9; EBII-SR=5\)](#) with purchase.

#### 11: What if I want to change out pedals on the fly?

A: This is one of the main reasons we created [EARTHBOARD](#)! Our patented design allows you to quickly and easily, change, and add pedals - literally in seconds! [Gravity Boots](#) can be purchased individually so you can put them on as many pedals as you like, and then simply add or remove them as needed. Since the board acts as the daisy-chain, you don't have a cobweb of cables to undo when rearranging your rig! Simply undo your patch cable and remove the [Gravity Boot](#) and pedal together and insert a different pedal.

#### 12: How do wide pedals fit on the Gravity Boots?

A: Our [Dummy Boot](#) helps balance wide pedals. [Dummy Boots](#) are like [Gravity Boots](#) except they don't provide power. So, your wider pedals would use both a [Gravity Boot](#) and a [Dummy Boot](#), side by side on the pedal.

#### 13: How do I know how much power my pedals use?

A: Check the User's Manual/Guide or search the manufacturers website/general internet for your pedals' power requirements. Power requirements are normally referenced in mA (milliamps), which is 1/1000 of an Amp. The total power requirement would be the sum of all the pedals' mA. If you are close to 1200mA (1.2A) we recommend you upgrade to our [XL Power Pack](#) (XL battery). The [EARTHBOARD Pedalboard System](#) automatically comes with a [Standard Power Pack](#) (battery) however you can upgrade when you make the purchase.

#### 14: How do I know if my digital pedal is going to work?

A: It is impossible to know the specs for every pedal on the market. Some pedals use different polarity. Some are center pin positive (+). Others are center pin negative (-). We have accessories that can solve polarity and voltage requirements – we just need to collaborate on your specific needs. If you are uncertain, please reach out to us at [info@earthboardmusic.com](mailto:info@earthboardmusic.com) or 615.624.7194. and we will assist in guiding your individual requirements. We want you to be able to use all your pedals!

#### 15: The ISO Boot can change voltage, but how does it isolate a pedal?

A: The circuitry in an [ISO Boot](#) will isolate its pedal and reduce noise problems often encountered when sharing power with other pedals. Think of our powered rails as a kind of daisy chain of power. The [ISO Boot](#) breaks the chain for the pedal and provides dedicated power. Both [Gravity Boots](#) and [ISO Boots](#) essentially carry the power with the pedal, so the power follows the pedal regardless of where you place it on the board. This is especially useful when you are working with different voltage pedals and pedals that would otherwise need its own power supply.

#### 16: What kind of pedals need to be isolated?

A: It is impossible to know every pedal that needs isolation. Here are some general guidelines for using an [ISO Boot](#):

- Most digital pedals
- If the pedal has its own adapter (you can eliminate that extra power cord!)
- Higher voltage pedals (e.g., 12v or 18v)
- Noisy pedals (the [ISO Boot](#) will remove dirty noise)

*Note: if you have an overdrive pedal turned all the way up, it is very difficult to remove that noise even with an [ISO Boot](#), just like a high gain amp.*

#### 17: Is there a shock hazard to using the EARTHBOARD?

A: Not unless you're Gene Simmons and using your tongue on the double rails at a time! Seriously, when used according to our instructions, there is no shock hazard. Should both rails be touched at the same time, for example with a metal screwdriver, the board will automatically power down. Simply press the reset button on the [Battery](#) and the board will power back up. Our [Power Packs](#) (Standard and XL batteries) and [Power Stations](#) (AC adapter) both have built-in shielding circuitry that protects your pedals from damage. [EARTHBOARD](#) is more than a simple pedalboard - it is an electronic system. Treat it accordingly, as you do your other musical equipment.

*Focus on the Music, Not the Set-Up*

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